

1935-2002

MATRICES		YEAR		
SPM		2002		
AUTHOR				
MacLulich,A.M.J., Ferguson,K.J., Deary, I.J., Seckl,J.R., Starr,J.M.,Wardlaw,J.M.				
TITLE				
Intracranial capacity and brain volumes are associated with cognition in healthy elderly men.				
JOURN_BOOK				
Neurology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
59		169-174	MISC SPM AGES IQTS WISC EEGM UK	
ABSTRACT				
This study tested the hypothesis that intracranial volume is positively associated with cognitive functioning in a sample of healthy elderly men. The relationships were modelled among general and specific cognitive functions, particular brain functions and a combined measure of brain volume. The SPM was one of several tests used to measure cognitive functioning. The SPM was one of the tests which were significantly and positively correlated with several brain region volumes.				

MATRICES		YEAR		
SPM		2001		
AUTHOR				
Matesic,K.				
TITLE				
Contributions to validation and norming of Standard Progressive Matrices. Psychometric characteristics, correlations with school achievement and norms in samples of Croatian students.				
JOURN_BOOK				
Paper presented at the EAPA 6th conference - Aachen Germany, September 2-5 2001.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			STAT EDUC SPM AGES CORR FACT KIDS NORM VALD RE JLLEURO	N.
ABSTRACT				
The SPM was administered to 2808 third and fourth grade students from 6 schools in Zagreb, Croatia between the years of 1995 and 2000. Statistically significant differences were found with respect to age. Separate norms were calculated for the two groups. Psychometric evaluations were made for the entire sample. Cronbach alpha was 0.93. Factor analysis suggested a unidimensional test structure with the first factor accounting for 66.2% of the variance. The correlation coefficient between SPM scores and average school achievement was 0.42.				

MATRICES		YEAR		
SPM		2000		
AUTHOR				
Deary,I.J.,Whalley,L.J.,Lemmon,H.,Crawford,J.R.,Starr,J.M.				
TITLE				
The Stabilit of Individual Differences in Mental Ability from Childhood to Old Age: Follow up of the 1932 Scottish Mental Survey.				
JOURN_BOOK				
Intelligence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28	1	49-55	ANTHROP SPM AGES VALD ?KIDS UK	A
ABSTRACT				
Scottish children born in 1921 undertook the Moray House Test. 101 of these people were followed up at age77 and re-adminstered the same test and 97 of them completed the SPM to provide concurrent validity for the 1998 scores on the Moray House Test.. This is the longest follow-up study of psychometric intelligence reported to date and shows that mental ability differences show substantial stability from childhood to late life.				

MATRICES		YEAR		
SPM		2000		
AUTHOR				
Jaworowska,A.,Szustrowa,T.				
TITLE				
The Standard Progressive Matrices, Classic, Parallel, Plus. Polish standardization studies.				
JOURN_BOOK				
The Psychological Test Laboratory, Polish Psychological Association, Warsaw 200. Booklet, published by Pracownia Testow Psychologicznych Polskiego Towarzystwa Psychologicznego, 00-183 Warszawa, ul. Stawki 5/7.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			CRIT SPM SPM+ NORM VALD RELI EURO	N
ABSTRACT				
Begins with a historical background on the SPM and the theoretical framework of the test. Part II covers the polish standardisations of the SPM, Part III discusses the psychometric properties of the SPM Classic, 1956. Part IV details the studies relating to the standardizations of the SPM Parallel. The Psychometric properties of the SPM Plus , a summary of the Polish standardization studies and the procedure for adminstration, computation and interpretation of the SPM scores is given. Finally in Part IX applications of the SPM are discussed.				

MATRICES YEAR				
SPM		2000		
AUTHOR				
Roberts,M.J.,Welfare,H.,Livermore,D.P.,Theadom,A.M.				
TITLE				
Context, Visual Saliency, and Inductive Reasoning				
JOURN_BOOK				
Unpublished report now accepted				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			CRIT SPM KIDS UK	
ABSTRACT				
Using the SPM and the AH4 test the authors concluded that facilitation effects cannot be interpreted as showing that domain-specific processes constitute a self-contained system separate from domain free processes. They believe that domain-free processes cannot be dismissed as being unimportant for reasoning.				

MATRICES		YEAR		
SPM		2000		
AUTHOR				
Rushton,J.P., & Skuy,M.				
TITLE				
Performance on Raven's Matrices by African and White University Students in South Africa.				
JOURN_BOOK				
Intelligence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28	4	251-265	ANTHROP SPM AFRICA MFSX RACE STUD	A.
ABSTRACT				
Untimed SPM were administered to 309 17-23 year old students at two Universities in Johannesburg, South Africa (173 Africans, 136 Whites, 205 women, 104 men). By the standards of the 1993 US normative sample, the African university students scored at the 14th percentile and the White university students scored at the 61st percentile. The authors point out that although the 1993 US standardization sample included a representative sample of Black Americans, the social context of Blacks in Africa is very different from that in the US. Attention is drawn to a lack of fine discriminative power at the upper end of the SPM distribution showing that the mean IQ in this study of 105 for white				

MATRICES		YEAR		
SPM		2000		
AUTHOR				
Rushton,J.P.,Skuy,M.				
TITLE				
Performance on Raven's Matrices by African and White University Students in South Africa.				
JOURN_BOOK				
Intelligence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28	4	251-265	ANTHROP SPM STUD MFSX RACE AFRICA	A
ABSTRACT				
Untimed SPM were adminstered to 309 17-23 year old students at the University of Witwatersrand and theRand Afrikaans University in Johannesburg, South Africa. By the standards of the 1993 US normative sample, the African university students scored at the 14th percentile and the White university students scored at the 61st percentile. The African-White differences were found to be greater on those items of the SPM with the highest item-total correlations, indication a difference in g. A small sex difference favouring males was found in both the African and White samples, but unrelated to g.				

MATRICES		YEAR		
SPM		1997		
AUTHOR				
Ho,C.S.H.,Bryant,P.				
TITLE				
Learning to read Chinese beyond the logographic phase.				
JOURN_BOOK				
Reading Research Quarterly.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
32	3	276-289	EDUC SPM KIDS ASIA	E
ABSTRACT				
Investigated the role of phonetics for children learning to read Chinese. Ss were 45 1st graders (mean age 7 yrs) and 45 2nd graders (mean age 8 yrs) recruited in Hong Kong. Subjects were administered the SPM, a word reading task, an ideophonetic compound reading task, a pseudocharacter reading task, and a phonological awareness task. Results reveal that Ss named phonologically regular Chinese characters more accurately than irregular ones, and phonetic-related errors were the most dominant type in reading Chinese characters and words. Findings suggest that Chinese 1st and 2nd graders do rely on phonetics for sound cues in naming Chinese characters, and phonological				

MATRICES		YEAR		
SPM		1997		
AUTHOR				
Rubinsztein,J.S.,Rubinsztein,D.C.,McKenna,P.J.,Goodburn,S.,Holland,A.J.				
TITLE				
Mild myotonic dystrophy is associated with memory impairment in the context of normal general intelligence.				
JOURN_BOOK				
Journal Medical Genetics				
VOLUME	SECTION	PAGES	CODES	INT_CODE
34	3	229-233	CLIN SPM PHYS UK	C
ABSTRACT				
The study investigated a group of mildly affected myotonic dystrophy (DM) cases and did not find any defect in general intelligence using the SPM, the National Adult Reading Test (NART) and the Mini-Mental State examination. In the area of normal general intelligence mild DM subjects showed impairment of memory function.				

MATRICES		YEAR		
SPM		1996		
AUTHOR				
ANDRADE,C.,MUKUNDAN,C.R.				
TITLE				
Social drinking.I. Neuropsychological changes in social drinkers.				
JOURN_BOOK				
Nimhans Journal				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	1	15-21	CLIN SPM DRUG NUSY ASIA	C
ABSTRACT				
The aim of this study was to determine if any difference existed in cognitive processing between social drinkers and teetotallers. 26 male social drinkers and equal number of male teetotallers were tested on a battery of neuropsychological tests including the SPM. The results indicate a significant disadvantage in the social drinkers compared to the teetotallers on some of the functions involving memory, psychomotor performance and abstract reasoning.				

MATRICES		YEAR		
SPM		1996		
AUTHOR				
Anokhin,A.,Vogel,F.				
TITLE				
EEG Alpha Rhythm Frequency and Intelligence in Normal Adults.				
JOURN_BOOK				
Intelligence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23		1-14	CLIN SPM IQTS EEGM EURO	C
ABSTRACT				
Investigated whether the EEG and in particular the alpha rhythm frequency (AF) is related to intelligence in normal adults. An analysis of EEG spectra and performance on different intelligence tests in 101 healthy adult males with a special regard to brain region and specific mental abilities was undertaken. Scores on the SPM correlated positively with AF in prefrontal and frontal regions. However AF did not show any significant relationship with the factors of general (g factor), spatial and arithmetic abilities.				

MATRICES		YEAR		
SPM		1996		
AUTHOR				
BACKHOFF-ESCUADERO,E.				
TITLE				
[Prueba de Matrices Progresivas de Raven: Normas de Universitarios Mexicanos]. Raven's Standard Progressive Matrices: Mexican university students' norms.				
JOURN_BOOK				
Revista Mexicana de Psicologia.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
13	1	21-28	EDUC SPM NORM STUD NOAM	E.N.
ABSTRACT				
In order to establish the norms of the Mexican population, the performance on the SPM by 10,771 Mexican college students was retrospectively analyzed. Students took the test as part of the admission process to the University of Baja California. Results were presented in relation to the students' area of knowledge and professional career. Students from the technical and engineering courses had the highest average score and students from the social science courses had the lowest average score, significant at the 0.001 level. Mexican and non-Mexican norms were compared, namely the English (Raven), Uruguay (Washington) and Spain (Madurga) norms. Only the scales of the population of				

MATRICES		YEAR		
SPM		1996		
AUTHOR				
Chiam,H.K.				
TITLE				
Raven's Standard Progressive Matrices in the primary schools of Malaysia.				
JOURN_BOOK				
IPS Congress, Montreal, summer 1996.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
31	3-4	3752-3752	ANTHROP STAT SPM NORM KIDS ASIA	N
ABSTRACT				
SPM norms obtained from 5,412 Malaysian children ran well behind the major international norms. Comparative study revealed that rural scores were significantly lower than urban. There was, however, little difference between advantaged and disadvantaged children within areas. There were significant differences between Chinese and Malays in both urban and rural areas. These neither decreased nor increased with age. It was suggested that they were not produced by differences in educational or cultural experience of any kind that would be expected to have a continuing impact beyond the pre-school years.				

MATRICES		YEAR		
SPM		1996		
AUTHOR				
ELPHICK,R.				
TITLE				
Issues in comparing the speechreading abilities of hearing-impaired and hearing 15 to 16 year-old pupils.				
JOURN_BOOK				
British Journal of Educational Psychology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
66	Pt3	357-365	EDUC SPM DEAF KIDS UK	E
ABSTRACT				
The SPM was used alongside two word lists with 57 hearing-impaired 15 to 16 year olds compared to a sample of 30 hearing pupils in the same school year. The sample also included children with moderate learning difficulties (MLD). Intelligence factors as measured by the SPM were not a major influence except for the MLD group. Evidence from this study supports the view that sufficient development in memory for spoken language needs to occur for a child to maximise speechreading skills.				

MATRICES		YEAR		
SPM		1996		
AUTHOR				
FULCHER,T.,O'KEEFE,M.,BOWELL,R.,LANIGAN,B.,BURKE,T.,CARR,A., O'ROURKE,M.,BOLGER,M.				
TITLE				
Intellectual and educational attainment in albinism.				
JOURN_BOOK				
Journal of Pediatric Ophthalmology and Strabismus.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
32	6	368-372	CLIN EDUC SPM KIDS UK.	C
ABSTRACT				
Studied the intellectual and educational ability of a group of 18 albino children as compared with that of a group of demographically matched controls. Intellectual ability was measured using the SPM, and educational ability was measured by the reading, spelling, and arithmetic tests of the Wide Range Achievement Test. There was no statistically significant difference in intelligence of the two groups. However, there was a significant difference in reading, spelling and arithmetic skills. No correlation was found between the clinical features of the albino children and their performance on the intelligence or educational tests.				

MATRICES		YEAR		
SPM		1996		
AUTHOR				
GUDJONSSON,G.H.,SIGURDSSON,J.F.				
TITLE				
The relationship of confabulation to the memory, intelligence, suggestibility, and personality of juvenile offenders.				
JOURN_BOOK				
Nordic Journal of Psychiatry.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
49	5	373-378	MISC SPM CRIM YSNK UK EURO	
ABSTRACT				
This study investigated the relationship of confabulation to memory, intelligence, suggestibility, compliance, and personality as measured by the Eysenck Personality Questionnaire and the Gough Socialisation Scale. The subjects were 108 Icelandic juvenile offenders. The only significant findings were a negative relationship of distortions with intelligence as measured with the SPM.				

MATRICES		YEAR		
SPM		1996		
AUTHOR				
Hakiel,N.				
TITLE				
Use of the Raven Progressive Matrices in screening adult vocational education entrants.				
JOURN_BOOK				
International Journal of Psychology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
66	3-4	3758	EDUC SPM SLCT IQTS STUD NOAM	E
ABSTRACT				
The SPM was used for three years as a primary part of an assessment battery to evaluate learning styles and screen for learning disabilities in adult populations entering vocational training. This presentation discussed the results and value of the SPM in conjunction with other tests of personality (Myers-Briggs), achievement (test of adult basic education/computerized placement test) and other measures of aptitude (Shipley) as a vehicle for facilitating educational planning for adult learners.				

MATRICES		YEAR		
SPM		1996		
AUTHOR				
HILL,O.W.				
TITLE				
The internal/external dimension in psychoepistemic orientation and measures of ability.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
82	3Pt	872-874	MISC SPM FACT NOAM	
ABSTRACT				
Subjects were assessed using the portable rod and frame test, the Psycho-Epistemological Profile, and the SPM. A principal components factor analysis indicated that, while GPA was significantly loaded on both the internal and external orientation factors, the measure of analogical reasoning was significantly loaded on the internal orientation facor only.				

MATRICES YEAR				
SPM		1996		
AUTHOR				
Kamnetz,B.				
TITLE				
Correlation with learning disabled people of Raven's Standard Progressive Matrices compared with the General Aptitude Test Battery spatial and form perception aptitudes.				
JOURN_BOOK				
VOLUME	SECTION	PAGES	CODES	INT_CODE
ABSTRACT				

MATRICES		YEAR		
SPM		1996		
AUTHOR				
Klauer,K.J.				
TITLE				
Training to reason or training to read? The effects of training in inductive reasoning and in reading comprehension on inductive reasoning and reading comprehension.				
JOURN_BOOK				
Zeitschrift fur Entwicklungspsychologie und Padagogische Psychologie.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28	1	67-89	EDUC SPM KIDS EURO	E
ABSTRACT				
Studied the effects of inductive reasoning training (IRT) and reading comprehension training (RCT) on inductive reasoning (IR) and reading comprehension (RC). 60 normal male and female German school-age children (aged 11-12 yrs) (5th-6th grade students). The subjects were randomly assigned to 4 experimental groups. Using a 2 X 2 design, 1 group received a RCT program developed by H. F. Friedrich et al (1987), a 2nd group received an IRT program developed by K. J. Klauer (1991), a 3rd group received both programs, and the 4th group received no training. Before, immediately after, and 6 months after their respective training programs, all subjects completed tests of RC and IR.				

MATRICES YEAR				
SPM		1996		
AUTHOR				
KUMARI,V.,CORR,P.J.				
TITLE				
Menstrual-cycle, arousal-induction, and intelligence test performance.				
JOURN_BOOK				
Psychological Reports				
VOLUME	SECTION	PAGES	CODES	INT_CODE
78	1	51-58	MISC SPM PHYS TIME STUD ASIA	
ABSTRACT				
Regularly menstruating students were tested under high and low arousal-induction conditions (with time pressure instructions vs without time pressure instructions) during either mid-cycle or menstruation phase to study the interactive effects of menstrual phases and time pressure stress induced arousal on intelligence test scores on the SPM and Hundal's General Mental Ability Test. No effects were observed for SPM scores, raising the possibility that task characteristics may mediate the relationship between arousal and performance.				

MATRICES		YEAR		
SPM		1996		
AUTHOR				
Lee-Corbin,H.,Evans,R.				
TITLE				
Factors influencing success or underachievement of the able child.				
JOURN_BOOK				
Early Child Development and Care				
VOLUME	SECTION	PAGES	CODES	INT_CODE
117		133-144	EDUC SPM SCLS KIDS MFSX UK	E
ABSTRACT				
Explored the factors influencing the achievers (AC'S) and the underachievers (UAC'S) from three schools with different approaches to education. 13 teachers selected 34 children whom they categorized as AC's and UAC's based on their verbal and non-verbal scores on the British Picture Vocabulary Scale and the SPM. Written language difficulties, low parental investment, SES, and emotional disturbance were found to hinder the UAC's. Higher expectations from teachers and parental support helped the AC's.				

MATRICES	YEAR			
SPM	1996			
AUTHOR				
Miles,C.,Morgan,M.J.,Milne,A.B.,Morris,E.D.M.				
TITLE				
Developmental and individual differences in visual memory span				
JOURN_BOOK				
Current Psychology Developmental, Learning Personality, Social				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15	1	53-67	MISC SPM AGES KIDS SIME UK	
ABSTRACT				
Assessed the effects of chronological age, articulatory suppression, and spatial ability on 3 measures of visual memory span for patterns, using the procedure devised by J.T.L. Wilson et al. Three groups of 36 children aged between 5 and 11 and one group of 36 adults completed the SPM and recognition memory, partial and free recall tasks. Results found that the independent association of spatial ability with span implies that nonverbal encoding and/or maintenance strategies can boost visual span from at least 5 years of age.				

MATRICES	YEAR			
SPM	1996			
AUTHOR				
MOHR, F., HUBMANN,W., COHEN,R., BENDER,W.,HASLACHER,C., HONICKE,S., SCHLENKER,R.,WAHLHEIM,C.,WERTHER,P.				
TITLE				
Neurological soft signs in schizophrenia - assessments and correlates.				
JOURN_BOOK				
European Archives of Psychiatry and Clinical Neuroscience.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
246	5	240-248	CLIN SPM NUSY PSSS DRUG EURO	C
ABSTRACT				
A German version of the Neurological Evaluation Scale (NES) was administered to 143 schizophrenic patients, 45 of them being severely chronic and disabled. 78 alcohol dependent inpatients and 57 healthy volunteers were tested as control groups. Total score and subscales on the NES were correlated consistently with the level of cognitive functioning as measured by the SPM.				

MATRICES		YEAR		
SPM		1996		
AUTHOR				
OPGENOORTH,E.,BALDASZTI,E.,VORACEK,M.				
TITLE				
Viennese versions for the clinical application of the Mehrfachwahl- Wortschatz- Intelligenztest (MWT-A, MWT-B).				
JOURN_BOOK				
Wiener Klinische Wochenschrift.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
108	3	59-68	STAT SPM PSAT EURO	
ABSTRACT				
A deterministic reliability analysis of the Mehrfachwahl-Wortschatz-Intelligenztest, Lehl (MWT-A, MWT-B), a very economical device for the assessment of crystallized intelligence and the most frequently administered intelligence test by physicians in Germany, was performed on the test data of 300 in and outpatients of the University Clinic for Psychiatry, Vienna. Correlational analyses with a measure for fluid intelligence, the SPM, suggested only moderate associations between crystallized and fluid intelligence, as well as a differential validity for the MWT in this sample.				

MATRICES		YEAR		
SPM		1996		
AUTHOR				
Richardson,K.				
TITLE				
Putting Raven into context: A response to Roberts & Stevenson.				
JOURN_BOOK				
British Journal of Educational Psychology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
66	4	533-538	CRITTHEO KIDS ITEM UK	
ABSTRACT				
Responds to Roberts and Stevenson's (1996) study in which they question the results of Richardson's (1991) study on the role of context in reasoning processes as measured by performance on the SPM. Richardson questions their claims about the nature of the information in the commentaries to socio-cognitive items, questions the distinctions between strong and weak guidance, and argues that their results actually support his earlier findings, and challenges their arguments about the existence of domain-free reasoning processes.				

MATRICES		YEAR		
SPM		1996		
AUTHOR				
Roberts,M.J.				
TITLE				
Putting context into context: A rejoinder to Richardson.				
JOURN_BOOK				
British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
66	4	539-542	CRIT SPM THEO KIDS ITEM UK	
ABSTRACT				
Responds to a reply by Richardson (1996) criticizing the commentary and study by Roberts and Stevenson (1996) in which they investigated the role of context in reasoning processes as measured by the SPM. Richardson claims that their classification of the commentaries preceding his socio-cognitive items on the SPM is in error, and that this is also confounded with item difficulty. Both claims are refuted by a demonstration of the validity of the classification and by using published norms on item difficulty. It was concluded that Richardson did not supply evidence that disproved the existence of domain free processing, and it is suggested that he is attempting to resolve a false dichotomy.				

MATRICES		YEAR		
SPM		1996		
AUTHOR				
Roberts,M.J., Stevenson,N.J.				
TITLE				
Reasoning with Raven - with and without help.				
JOURN_BOOK				
British Journal of Educational Psychology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
66	4	519-532	EDUC CRIT VALD SPM KIDS THEO ITEM UK	E
ABSTRACT				
The study investigated the findings of Richardson (1991) which were that childrens' performance at items from the SPM could be improved by converting the elements to real-live objects and setting them in a realistic context with a cover story read to the child. The authors believed that these cover stories were giving the children additional help. Three factors were investigated; whether the items were abstract or set in context, whether each item was given with or without commentary, and whether each commentary gave weak or strong guidance as to the rules. It was found that although items set in context were easier than abstract items their advantage was reduced when like was				

MATRICES		YEAR		
SPM		1996		
AUTHOR				
SIGURDSSON,J.F.,GUDJONSSON,G.H.				
TITLE				
The psychological characteristics of false confessors, a study among Icelandic prison inmates and juvenile offenders.				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
20	3	321-329	CLIN SPM CRIM YSNK UK	C
ABSTRACT				
Studied the psychological characteristics of 62 prison inmates, who claimed to have made a 'false confession' during a police interview in comparison with those of other inmates. A battery of personality tests were administered including the Eysenck Personality Questionnaire. The SPM were also used. Overall the results indicated that 'false confession' in Iceland may be largely confined to persistent offenders who possess antisocial personality characteristics.				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
ANDRES-CARRASCO,M.A., CATALA,M.A., GOMEZ-BENEYTO,M.				
TITLE				
[Study of the prevalence of attention deficit hyperactivitydisorder in 10 year old children living in the Valencia Metropolitan Area.]				
JOURN_BOOK				
Actas Luso Espanolas de Neurologia, Psiquiatria y				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23	4	184-188	CLIN RPM PHYS KIDS EURO	C
ABSTRACT				
Studied the prevalence of attention deficit hyperactivity disorder among Spanish male and female 10 year old school children. The RPM were used. [Text in Spanish , English abstract]				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
BASU,J.,BHATTACHARYYA,S.				
TITLE				
Cognitive and ego function status of hemophiliac patients. 23rd International Congress of Applied Psychology (1994, Madrid,Spain)				
JOURN_BOOK				
Psychological Studies				
VOLUME	SECTION	PAGES	CODES	INT_CODE
40	1	39-44	CLIN SPM PHYS ASIA	C
ABSTRACT				
Explored the cognitive and ego function characteristics of 18 hemophiliac patients compared to 18 matched normals. Subjects were individually administered the SPM. Statistical comparison by nonparametric tests revealed cognitive status equivalency between the experimental and the normal groups.				

MATRICES YEAR				
SPM		1995		
AUTHOR				
CHICO,E., FERRANCO, P.J.				
TITLE				
A psychometric evaluation of the revised P scale in delinquent and non-delinquent Spanish samples.				
JOURN_BOOK				
Personality and Individual Differences.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	3	331-337	CLIN RPM PSSS ARMS CRIM EURO	C
ABSTRACT				
Evaluated the psychometric properties of the revised Psychoticism (P) Scale in its Spanish version. Subjects were 300 male prisoners and 300 soldiers who had similar age, cultural level and IQ. The RPM were completed.				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
Chithprabha,K.,Kanekar,S.				
TITLE				
A comparison of urban and rural students on scholastic and related variables.				
JOURN_BOOK				
Journal of Social Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
135	1	117-118	ANTHROP EDUC SPM STUD PERS ASIA	A.E.
ABSTRACT				
Investigated differences of the effect of parental pressure and related variables on urban and rural students' choice to pursue a course of science. Subjects were 200 12th graders. Students completed a questionnaire which measured parental pressure, employment motive and knowledge motive. A second questionnaire elicited information on subjects 10th and 11th grade examinations and assessed parental pressure and motive. The RPM and Rosenberg's Self-Esteem Scale were administered. It was found that rural and urban students differed on all dependent measures suggesting that differences in family background and student intelligence may have been attributable to the				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
DALRYMPLE,A., JOHN,C., JAMIESON,C.F., DONALDSON,I.M.				
TITLE				
Effects of selegiline (deprenyl) on cognition in early Parkinson's disease.				
JOURN_BOOK				
Clinical Neuropharmacology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	4	348-359	CLIN APM NUSY PHYS DRUG AUST	C
ABSTRACT				
Examined the influence of selegiline on cognition in 20 levodopa-naive outpatients with early Parkinson's disease (PD)in an 8 week trial. Clinical evaluations and cognitive tests including the APM were administered at baseline and at 8 weeks; subjects with PD who received placebo were also examined 8 weeks after subsequent selegiline treatment. By comparison with 11 non PD controls, subjects with PD were impaired on the APM.				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
GOH,B.E.				
TITLE				
A cross-cultural multigroup study of tne nonintellective correlates of cognitive ability in adolescents.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
55	08	2324	ANTHROP EDUC SPM MFSX PERS KIDS NOAM	A.E.
ABSTRACT				
Identified personality and famialial variables related to cognitive ability and academic achievement for two cultures two sexes and three ability levels. A total f 528 adolescents, 297 from Singapore and 231 from Indiana, US were administered the SPM and the California Psychological Inventory. Demographic and familial background data were obtained through a questionnaire. Results were that Singaporean students were more conforming, and self-controlled and the American students were more outgoing, assertive, and independent. The American students did not exhibit as many gender differences in personality characteristics as the Singaporean students. In terms of familial profiles, parents				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
Gudjonsson, G.H.				
TITLE				
The Standard Progressive Matrices: Methodological problems associated with the administration of the 1992 adult standardisation sample.				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	3	441-442	CRIT SPM UK NORM	
ABSTRACT				
A commentary on the British restandardisation of the SPM in 1992, suggesting possible limitations to the procedure used which may account for elevated scores, and advising caution in using the norm tables.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1995		
<i>AUTHOR</i>				
Gudjonsson, G.H.				
<i>TITLE</i>				
Raven's norms on the SPM revisited: A reply to Raven.				
<i>JOURN_BOOK</i>				
Personality and Individual Differences				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
18	3	447	CRIT SPM UK NORM	N
<i>ABSTRACT</i>				
A response to Raven, 1995, q.v., in a correspondence relating to the 1992 restandardisation of the SPM in Britain. Raises further issues about ceiling effects and the rising norms found with SPM, advocating changes to the structure of SPM in recognition of improved performances over generations.				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
Hasselhorn,M.,Hager,W.,Huber,M.,Godecke,D.				
TITLE				
Improving intelligence and thinking in older adults: An evaluation of the Aachen inductive reasoning training program for older adults.				
JOURN_BOOK				
Zeitschrift fur Gerontopsychologie und psychiatrie.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	3	169-180	MISC SPM AGES EURO	
ABSTRACT				
Studied the short-term and long-term effectiveness of K. J. Klauer's (1992a) cognitive training program for enhancing inductive reasoning skills in older adults. The participants were 59 male and female old and very old adults aged 60-96 years. They were divided into 3 groups receiveing Klauer's cognitive training program (2), S. Lehl and B.Fischer's (1986) brain-jogging program for mental reactivation, or (3) no training program. Perceptual speed, perceptual precision, inductive reasoning abilities, and self-concepts related to aging were assessed before and after the interventions and at an 11-month follow-up. Changes in these parameters were analyzed, and intergroup differences were				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1995		
<i>AUTHOR</i>				
JAFJE,J.				
<i>TITLE</i>				
Age-related changes in comprehension and appreciation of humour in the elderly (cognitive decline).				
<i>JOURN_BOOK</i>				
Dissertation Abstracts International				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
56	05	2899	MISC SPM AGES NOAM	
<i>ABSTRACT</i>				
Investigated the cognitive functioning of older adults in conjunction with their appreciation and comprehension of humour. Subjects were 92 older adults, ranging from 60 to 89. Subjects rated jokes for funniness on a 5 point scale. Cognitive ability was assessed with a battery of tests including the SPM Scores on the SPM decreased with age and age was a better predictor of comprehension than the SPM. Mid range scorers on the SPM rated jokes as funnier, implying that these subjects were the most cognitively challenged by the jokes. SPM was a better predictor than comprehension of humour comprehension only.				

MATRICES	YEAR			
SPM	1995			
AUTHOR				
KUSHNER,C.C.				
TITLE				
Solution strategies on Raven's Progressive Matrices.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
33	06	1980	STAT SPM AGES KIDS ITEM NOAM	
ABSTRACT				
Investigated strategies for abstracting information from items on the SPM. Eye movements were used to study children's strategies. Age and processing efficiency factors were systematically varied so that data gathering strategies related strictly to age variables could be distinguished from those related to strategy sophistication. Eye-movement protocols of 15 subjects, five at each of ages 7,9 and 11 were studied on three items. Results showed that the oldest subjects spent more time q working on problems, but they did not employ more sophisticated looking strategies than younger subjects who also solve problems. Passing subjects actually spent more time examining choices than				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
LEMAI TRE,L.J.				
TITLE				
Mathematical comprehension of adults with learning difficulties.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
33	01	36	EDUC SPM LAPD NOAM	E
ABSTRACT				
Five students were asked to think aloud as they worked through fifty two fraction questions. Data were also gathered from a selection of tests including the SPM. Each session resembled the dynamic asessment model that Lidz (1991) described because it centred on learning processes.The outcome indicated a number of similarities demonstrated by these students and those manifested by children, for example lack of mathematical factual knowledge, attention and organizational ability.				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
Liu,Z.,Guan,L.,Huang,Y.,Zhang,Z. et al				
TITLE				
Compilation and application of the Occupation Suitability Test for military motor drivers.				
JOURN_BOOK				
Psychological Science China.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	4	242-245	VOC SPM ASIA	V
ABSTRACT				
Compiled and used the Occupational Suitability Test for military motor drivers in China. Subjects completed 9 tests of 3 kinds - general intelligence tests including the SPM, special ability tests and personality tests. Based on the results, the test with 5 subtests of the SPM, reaction time in selection, depth perception, field dependence and movement stability was used to predict the suitability of drivers.				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
Marjoribanks,K.				
TITLE				
Educational and occupational aspirations of "common man" boys: Kahl's study revisited.				
JOURN_BOOK				
Journal of Genetic Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
156	2	205-216	ANTHROP EDUC RPM SCLS KIDS AUST	A.E.
ABSTRACT				
Examined relationships between family environment (defined by parents' getting-ahead/getting-by orientations and adolescents' perceptions of those orientations) and aspirations held by adolescents with different levels of intellectual ability (IA) and social status (SLS) backgrounds. Adolescents were classified into 4 contexts on the RPM (IA) scores and family SLS. In each context perceptions of parents' orientations had strong associations with adolescents' aspirations. Findings support J.A.Kahl's conclusion that understanding of variations in the aspirations of children with varying levels of IA and from different SLS backgrounds would be enhanced by examining refined measures of				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
MARTINEZ-TABONE,R.				
TITLE				
The effects of early bilingualism on language learning aptitude.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
55	11	5098	EDUC SPM KIDS PPVT	E
ABSTRACT				
Subjects consisted of 164 (83 monolingual and 81 bilingual) fourth and fifth graders. They were given the SPM, PPVT and a selection of other language aptitude tests. Results of correlational analyses did not support the hypothesis that the learning of two languages in early childhood enhances language learning aptitude. It was concluded that the degree of bilingualism was a contributing factor to the results of the study.				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
MATHY,P., VAN DER LINDEN,M.				
TITLE				
[The effect of age and educational level on the sensitivity narratives.]				
JOURN_BOOK				
Bulletin de Psychologie.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
48	420	498-501	EDUC MHV AGES EURO	E.
ABSTRACT				
Studied the effect of age on the sensitivity to proactive interference using narratives that minimized the role of automatic priming procedures. Subjects were 18 highly educated adults and 18 adults at a lower educational level (aged 18-25 yrs) and 18 highly educated and 18 low-educated elderly adults (aged 60-70 yrs). Subjects were presented with 3 series of 4 narratives, each on the same topic and having the same syntactic structure. The MHV scales were used.				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
NATHAWAT,S.S., PURI,P.				
TITLE				
A comparative study of MZ and DZ twins on Level I and Level II mental abilities and personality.				
JOURN_BOOK				
Journal of the Indian Academy of Applied Psychology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
21	1	87-92	CLIN SPM WAIS TWIN ASIA	C
ABSTRACT				
Conducted a comparative study with 15 pairs of MZ and DZ twins aged 16-32 years to determine any differences in their Level I and Level II mental abilities and personality. Level I mental abilities were measured by the WAIS Digit Span test and the Wechsler Memory Scale (WMS) Word Association Test. Level II mental abilities were measured by the SPM. Personality was assessed by D.Schalling's Karokinska Scale of Personality (KSP). Results show that intraclass correlations of MZ twins for tasks of Level I and Level II were much higher than the correlations for their DZ counterparts.				

MATRICES	YEAR			
SPM	1995			
AUTHOR				
NORRIS,M.				
TITLE				
Assessing intellectual ability: A comparison between computer based and paper-pencil format using Raven's Standard Progressive Matrices test.				
JOURN_BOOK				
Final Year Project Report, School of Computer Science & Information Systems Engineering, University of Westminster. Subsequently published in the International Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
66	3-4	3758	CRIT SPM KIDS AUTO VALD RELI UK	
ABSTRACT				
A computerised version of the SPM was assessed for its compatibility with the existing paper based version. Subjects in both groups comprised of 13 male and 15 female, 56 in total, ranging in age from 9 years to 11 years. The results obtained showed a good degree of compatibility in various aspects of performance in both test presentation modes with no statistical significant differences.				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
OH-HWANG,Y.				
TITLE				
A cross-cultural study: linkages among intelligence, psychosocial maturity, parenting practices, and academic achievement of adolescents.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
56	02	498	ANTHROP EDUC SPM MFSX CORR	A.E.
ABSTRACT				
A total of 715 students, 382 Korean and 333 Americans completed a battery of tests including questionnaires assessing their perceptions of parenting in their family and their psycho social maturity, the SPM to measure intelligence and the ISTEP and NSAT to measure academic performance. Results of the MANOVA analyses indicated that there were multigroup differences in parenting practices, psychosocial maturity and achievement as functions of various factors.				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
Parker, D.M.				
TITLE				
Auditory inspection time and intelligence: A new spatial location task				
JOURN_BOOK				
Proceedings, British Psychological Society Annual Conference, Warwick.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
		128	SIME SPM MISC CORR UK VARI	
ABSTRACT				
Reports a new auditory inspection time (AIT) task, which like a visual task, involves a decision about the spatial location of the stimulus and does not require pitch discrimination. 67 Ss completed the AIT and a modified version of SPM. A significant positive correlation was found between the two tasks of $r = .37$.				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
PILLON,B.,GOUIDERKHOUJA,N.,DEWEER,B.,VIDAILHET,M., MALAPANI,C.,DUBOIS,B.,AGID,Y.				
TITLE				
Neuropsychological pattern of striatonigral degeneration - comparison with Parkinson's Disease and progressive supranuclear palsy.				
JOURN_BOOK				
Journal of Neurology Neurosurgery and Psychiatry.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
58	2	174-179	CLIN CPM NUSY BDRM PHYS EURO	C
ABSTRACT				
14 patients with probable SND were compared with a control group on an extensive battery of neuropsychological tests. Performance of subjects with SND was normal on the CPM Results from the comparison with patients with Parkinson's disease showed that the dysexecutive syndrome of SND is similar to that of Parkinson's disease.				

MATRICES YEAR				
SPM		1995		
AUTHOR				
Ponton,M.O.,Herrera,L.P.				
TITLE				
Culture and education: Their impact on the Standard Progressive Matrices in an Hispanic population.				
JOURN_BOOK				
Unpublished report				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			ANTHROP SPM EDUC AGES IQTS NUSY NOAM	
ABSTRACT				
WAITING FOR AUTHORS REPLY FOR PRECISE NORMATIVE DATA				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
RAE,G.,MCANULTY,H.				
TITLE				
Relationship between musical ability and intelligence after correcting for attenuation.				
JOURN_BOOK				
Perceptual and Motor Skills.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
81	3P1t	746-746	MISC RPM KIDS UK	
ABSTRACT				
A sample of 10-11 year olds completed the Bentley Measures of Musical Ability and the RPM on two occasions. Modest correlations were found between scores on the two instruments even after correcting for attenuation.				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
Raven,J.				
TITLE				
Methodological problems with the 1992 standardisation of the SPM: A response				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	3	443-445	CRIT SPM UK NORM	
ABSTRACT				
A response to criticisms of Gudjonsson (1995,q.v.) of the restandardisation of SPM in 1992. Notes that the evidence from the manual suggests that errors derived from these new norms are likely to be much less serious than those which would arise if any of the alternative sets of reference data were used. Also notes that the administration procedures used differed less from the recommended procedure than has been supposed.				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
RIJSDIJK,F.V.,BOONSMA,F.V.,VERNON,P.A.				
TITLE				
Genetic analysis of peripheral nerve conduction velocity in twins				
JOURN_BOOK				
Behaviour Genetics				
VOLUME	SECTION	PAGES	CODES	INT_CODE
25	4	341-348	CLIN SPM TWIN EEGM EURO	C
ABSTRACT				
Studied variation in peripheral nerve conduction velocity (PNVC) and intelligence in a group of 426 16 yr old Dutch twins. The SPM were administered to 210 twin pairs to obtain IQ scores. Genetic analyses showed a heritability of 0.65 for IQ score and 0.77 for PNVC. However there was no significant phenotypic correlation between IQ score and PNVC.				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
RIPPLE,C.H.				
TITLE				
Long-term predictors of academic achievement and high-school dropout among inner-city adolescents.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
56	08	4608	EDUC ANTHROP SPM SCLS KIDS RACE NOAM	E.A.
ABSTRACT				
A three year follow up of a cohort of 163 low socioeconomic status inner-city adolescents was carried out. Three classes of antecedents, all established as being linked to dropout and academic performance in existing literature were explored; demographic characteristics, cognitive/academic competence, and psychological distress. Cognitive/academic competence was assessed using the SPM scores, school grades, absenteeism and teacher-rated behavioural classroom competence. This was reported as Time 1 data. At Time 2 self report data were obtained from 96 retainers. Results of statistical analysis indicated that adolescents who were relatively older, of Hispanic ethnicity,				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
SCHELSTRAETE,M.A., DESMETTE,D., HUPET,M.				
TITLE				
[The influence of working memory capacity on processing speed in written phrase presented in real time]				
JOURN_BOOK				
Bulletin de Psychologie.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
48	420	478-482	MISC MHV AGES EURO	
ABSTRACT				
Studied the effect of aging on information integration during the reading of syntactically complex phrases. 20 university students or researchers (mean age 22.65 yrs) and 20 elderly adults (mean age 69.05 yrs) were administered a French adaptation of the Reading Span Test and then were given a task requiring the reading of phrases presented in succession at a rate controlled by the subjects. The MHV scales were used.				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
STELZL,I.,MERZ,F.,EHLERS,T.,REMER,H.				
TITLE				
The effect of schooling on the development of fluid and crystallized intelligence - a quasi experimental study.				
JOURN_BOOK				
Intelligence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
21	3	279-296	EDUC SPM AGES KIDS FLUI CRYE EURO	E
ABSTRACT				
Presented a quasi-experimental design to separate schooling effects from effects of chronological age and applied it to intelligence test data of 578 10 year old children. The SPM were administered. Results showed that there are considerable schooling effects on all tests, including tests of fluid intelligence, and that schooling effects explain most all of the intellectual progress made during 1 year of life at that age, measured by the increase in the mean scores of the tests.				

MATRICES		YEAR		
SPM		1995		
AUTHOR				
Vodegel-Matzen, L.				
TITLE				
Item complexity in the Raven Progressive Matrices.				
JOURN_BOOK				
Proceedings, British Psychological Society, Annual Conference, Warwick.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
		134	CRIT NORM KIDS VARI RELI ITEM SPM EURO	
ABSTRACT				
Adaptation of SPM is necessary because scores are rapidly increasing. In order to design new, more difficult items, it is helpful to know the factors determining item difficulty. Children and adults were presented with newly designed items in which hypothetically influential factors have been systematically varied. It was shown that the number of sub-problems, the nature of the sub-problems and their distinctness, all contributed to the complexity of the problem as a whole.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1994		
<i>AUTHOR</i>				
Andrich,D. & Styles,I.				
<i>TITLE</i>				
Linking psychometric and cognitive-developmental variables: The relationship between quantitative and qualitative aspects of intellectual functioning.				
<i>JOURN_BOOK</i>				
Paper presented to the 23rd International Congress of Applied Psychology, Madrid, July.				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
			XX EDUC PGET SPM ITEM AUST AGES	E
<i>ABSTRACT</i>				
Performance on RPM and on Piagetian tasks can be mapped on to a single continuum of intellectual development. This mapping permits the identification of difficulties of RPM items, which characterise qualitative changes across the continuum. Specific correspondences between the requirements for solving RPM items and Piagetian tasks at the transition points are analysed and interpreted to describe how a series of incremental steps evolve into a major qualitative change.				

MATRICES		YEAR		
SPM		1994		
AUTHOR				
Beh,H.C.,Roberts,R.D.,Prichard-Levy,A.				
TITLE				
The relationship between intelligence and choice reaction time within the framework of an extended model of Hick's Law: A preliminary report.				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
16	6	891-897	MISC SPM GIFT KIDS SIME STUD AUST	
ABSTRACT				
This study reports an application of the extended model of Hick's Law by A.Pritchard-Levy et al (1991) in using information levels as a test of the relationship between choice reaction time (RT) and intelligence. Students completed the SPM and a CRT task. Results confirm that CRT measures and intelligence were related.				

MATRICES		YEAR		
SPM		1994		
AUTHOR				
Blennerhassett,L.,Strohmeier,S.J.,Hibbett,C.				
TITLE				
Criterion-related validity of Raven's Progressive Matrices with deaf residential school students.				
JOURN_BOOK				
American Annals of the Deaf.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
139	1	104-110	EDUC CLIN SPM KIDS WISC DEAF PHYS VALD NOAM	E.C.
ABSTRACT				
Criterion related validity of SPM was investigated using a sample of 107 deaf students, aged 10-19. SPM was found to correlate .598 with WISC-R Performance IQ (using WISC-R deaf norms) and .616, using hearing norms. Predictive validity of SPM was supported by significant correlations with SAT Reading Comprehension, Spelling and Language scores (ranging from .33 to .44). Also [Vol 139(2) (sic).				

MATRICES		YEAR		
SPM		1994		
AUTHOR				
Chiam,H.K.				
TITLE				
Is the Raven Progressive Matrices valid for Malaysians?				
JOURN_BOOK				
Paper for presentation to the 23rd International Congress of Applied Psychology, Madrid, July.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
		pp.53	ANTHROP EDUC KIDS ASIA SPM IQTS CORR VALD NORM MESY AGES SCLS	A.E.
ABSTRACT				
A monograph, of which a fragment was presented as a paper at the ICAP, Madrid. The complete document presents results of a normative study of SPM and the Cattell Culture Fair Test for Malaysian schoolchildren, aged 7 - 12. The two tests correlated .85. Norms are reported for age groups showing results similar to those in the UK and USA, though a little behind. Analyses are reported of the influence of rural-urban differences and gender. No sex differences of consequence were found with either instrument. It is concluded that SPM is a valid instrument for use in Malaysia, with use of the norms generated here with data from 5 412 children.				

MATRICES		YEAR		
SPM		1994		
AUTHOR				
Cunningham,A.E.,Stanovich,K.E.				
TITLE				
Tracking the Unique Effects of Print Exposure in Children: Associations with Vocabulary, General Knowledge, and Spelling.				
JOURN_BOOK				
Journal of Educational Psychology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
83	2	264-274	EDUC SPM KIDS PPVT NOAM	E
ABSTRACT				
This study assessed the construct validity of a recently introduced measure of children's exposure to print, the Title Recognition Test (TRT). In samples of fourth, fifth and sixth grade children, the TRT demonstrated significant correlations with spelling, vocabulary, verbal fluency, word knowledge, and the SPM (general information/knowledge). It accounted for variance in these criterion variables when differences in both general ability (SPM) and phonological coding ability were controlled. The latter result suggests that print exposure is an independent contributor to the development of verbal abilities.				

MATRICES		YEAR		
SPM		1994		
AUTHOR				
Das,J.P., Naglieri,J.A. & Kirby,J.R.				
TITLE				
JOURN_BOOK				
Assessment of Cognitive Processes: The PASS theory of intelligence. Boston, MA: Allyn and Bacon.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			XX EDUC CLIN NUSY NOAM THEO SPM IQTS	E.C.
ABSTRACT				
Describes the nature and application of the PASS theory of intelligence, and describes how information from this approach can be applied in educational and remedial contexts. With extended reference to Naglieri's Matrix Analogies Test, there is occasional reference also to use of SPM as an analogical reasoning test.				

MATRICES		YEAR		
SPM		1994		
AUTHOR				
Dobbins, D.A.				
TITLE				
Expected reading scores for pupils in Years 3 to 6.				
JOURN_BOOK				
British Journal of Educational Psychology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
64	3	491-496	EDUC SPM KIDS UK	E.
ABSTRACT				
Reports a process for the identification of poor readers as either underachievers or low achievers. Tables of expected reading scores were presented from a sample of 1,519 pupils in Years 3 to 6 using chronological age and the SPM score as the predictor variables and National Foundation for Educational Research BD reading scores as the reading distribution.				

MATRICES		YEAR		
SPM		1994		
AUTHOR				
Jensen, A.R. & Whang, P.A.				
TITLE				
Speed of accessing arithmetic facts in long-term memory: A comparison of Chinese-American and Anglo-American children.				
JOURN_BOOK				
Contemporary Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
19	1	1-12	EDUC RACE NOAM SPM SIME KIDS	E
ABSTRACT				
Compared 155 Chinese-American and 73 Anglo-American children in grades 4-6 on SPM and 12 chronometric variables, measuring speed and consistency. The two groups differed on the chronometric variables, but the differences appeared to be multidimensional, and not simply attributable to differences in 'g'.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1994		
<i>AUTHOR</i>				
Johnson, Nancy E., Saccuzzo, D.P., Guertin, T.L.				
<i>TITLE</i>				
The development and validation of a reliable alternate form for Raven's Standard Progressive Matrices.				
<i>JOURN_BOOK</i>				
Assessment.				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
1	3	315-319	EDUC CRIT SPM NOAM KIDS CORR VALD RELI	E.
<i>ABSTRACT</i>				
Items for each of the original 60 items of the SPM were developed to be comparable to the corresponding original items in terms of the underlying strategy and difficulty. An alternate form reliability analysis on a diverse group of 449 children showed an alternate form reliability coefficient of .90. Kuder- Richardson reliabilities of the newly developed alternate and the SPM's were identical at .94. The 2 tests showed comparable predictive validity coefficients. This updates an unpublished manuscript version of the study put forward earlier in the year.				

MATRICES		YEAR		
SPM		1994		
AUTHOR				
JOHNSON,N.E. ET AL				
TITLE				
Evaluation of risk factors in selecting children for gifted programs. Part 1 Gifted children at risk:Evidence of an association between low test scores (see hard copy in EDUC file for title)				
JOURN_BOOK				
In Saccuzzo,D.P.,et al . Identifying Underrepresented approach. (Volumes 1 and 2)				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1+2			EDUC SPM GIFT RACE KIDS WISC SLCT NOAM	E
ABSTRACT				
Intellectually gifted children from diverse ethnic and cultural backgrounds as well as varying levels of risk were evaluated to determine the effects on gifted children when intelligence level has been controlled. Each of 7,323 children from six ethnic backgrounds had achieved a standardized intelligence score either on the WISC or SPM at least two standard deviations above the mean. Higher degrees of risk were found for disadvantaged students on several measures of aptitude, achievement, and verbal intelligence.				

MATRICES YEAR				
SPM		1994		
AUTHOR				
Johnson,N.E., Saccuzzo,D.P. & Guertin,T.L.				
TITLE				
The development and validation of a reliable parallel and alternate form for Raven's Standard Progressive Matrices				
JOURN_BOOK				
MS for publication				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			CRIT EDUC SPM NOAM KIDS CORR VALD QQ	E.
ABSTRACT				
An alternate form for the SPM is described as the SANTRA (San Diego Test of Reasoning Ability), designed to serve as a parallel alternate to SPM, by matching strategy and difficulty. Concurrent validity was tested with 449 children from the San Diego school district, representative of its cultural diversity, and found to be .90. The two tests were found to be roughly equal in difficulty, and to have comparable predictive validity for school performance assessed with the Comprehensive Test of Basic Skills (language, reading and math).				

MATRICES		YEAR		
SPM		1994		
AUTHOR				
Kelderman,H. & Rijkes,C.P.M.				
TITLE				
Loglinear multidimensional IRT models for polytomously scored items				
JOURN_BOOK				
Psychometrika				
VOLUME	SECTION	PAGES	CODES	INT_CODE
59	2	149-176	STAT THEO SPM EURO ITEM	
ABSTRACT				
A loglinear item response theory model is proposed to deal with polytomously scored item responses to a multidimensional latent space. In testing the model with an example, data from 1464 Ss, aged 7.5 through 14, on SPM were used. Four items were selected for analysis from Sets C and D.				

MATRICES YEAR				
SPM		1994		
AUTHOR				
KOVAC, D.				
TITLE				
Are higher intellectual performances of children living in chemically polluted environment also burdened?				
JOURN_BOOK				
Studia Psychologica				
VOLUME	SECTION	PAGES	CODES	INT_CODE
36	5	312-313	MISC SPM KIDS ENVI EURO	
ABSTRACT				
Examined the effects of enviromental pollutants on the performance of children on intelligence and creativity tests. 70 Slovak children who had been exposed to environmental neurotoxins and 73 matched controls completed the SPM. Two years later, the testing was repeated, using other tests of creativity. There was no difference between the groups and performances of both groups were comparable to Slovak standards.				

MATRICES		YEAR		
SPM		1994		
AUTHOR				
Lynn,R.				
TITLE				
The intelligence of Ethiopian immigrant and Israeli adolescents: A comment on Kaniel and Fisherman.				
JOURN_BOOK				
International Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
29	1	55-56	ANTHROP SPM RACE KIDS ITEM EDUC UK	A.E.
ABSTRACT				
Reports an error in the original article by S.Kaniel and S.Fisherman (International Journal of Psychology, 1991, Vol 26(1) 25-33. Table 1 of this article gives some incorrect percentile equivalents as well as an incorrect reference for the British norms for the SPM for 1979.				

MATRICES		YEAR		
SPM		1994		
AUTHOR				
Nkaya, H.N.,Huteau,M.,Bonnet,J.P.				
TITLE				
Retest effect on cognitive performance on the Raven-38 Matrices in France and in the Congo.				
JOURN_BOOK				
Perceptual and Motor Skills.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
78	2	503-510	ANTHROP EDUC SPM KIDS SCAM	A.E.
ABSTRACT				
The SPM were administered 3 times to students in their 6th year of schooling in France and in the Congo. The test was given timed or self-paced. It was concluded that a simple retest procedure was a poor method for correcting biases based on imbalances in familiarity with problem situations and the test situation in cross-cultural comparisons. It was hypothesized that dynamic evaluation procedures could reduce these biases.				

MATRICES		YEAR		
SPM		1994		
AUTHOR				
Oakland,T.,Wechsler,S.,Bensusan,E.,Stafford,M.				
TITLE				
The construct and measurement of intelligence among Brazilian children: An exploratory study.				
JOURN_BOOK				
School Psychology International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15	4	361-370	ANTHROP EDUC RPM KIDS NOAM	A.E.
ABSTRACT				
Examined conceptual and test-related intelligence among 214 Brazilian students (aged 5-11yrs). Tests included the RPM and Draw A Person. Results indicated that both intelligence and SES variables had a great influence on achievement, implying that parental influences and qualities exert at least as strong an influence on achievement as does intelligence. Support exists for a construct of intelligence which solely reflects social class and other family qualities.				

MATRICES		YEAR		
SPM		1994		
AUTHOR				
O'Carroll,R., Egan,V. & MacKenzie,D.M.				
TITLE				
Assessing cognitive estimation				
JOURN_BOOK				
British Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
33		193-197	CLIN NUSY SPM UK	C
ABSTRACT				
Reports on the psychometrics of the Cognitive Estimation Test with a healthy adult sample of 150 subjects, finding the scale to be factorially impure with poor internal reliability. In referring to its prior use with clinical subjects with frontal lobe problems, several cases were also given SPM, and the results of groups tested by Shallice and Evans,1978 (q.v.) are described.				

MATRICES YEAR				
SPM		1994		
AUTHOR				
Saccuzzo,D.P., Johnson,N.E. & Guertin,T.L.				
TITLE				
The Raven Progressive Matrices Test as an equitable measure of IQ in an ethnically diverse population.				
JOURN_BOOK				
Submitted for publication				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			EDUC SPM WISC KIDS RACE ANTHROP VALD CORR MFS v	A.E.
ABSTRACT				
The efficacy of SPM for equitable selection from traditionally under-represented groups was investigated in a large-scale study (16,985 Ss) with a diverse population of Latinos, Whites, African-Americans, Asians, Filipinos and Indo-Chinese. The proportions identified as gifted by WISC-R and SPM were compared together and with the numbers in the population. SPM achieved greater equity than WISC-R, but full equity was not achieved. Latinos and African Americans were under-represented, while Whites, Asians and Filipinos were over-represented. No sex differences were found on SPM.				

MATRICES YEAR				
SPM		1994		
AUTHOR				
Saccuzzo,D.P., Johnson,N.E. & Guertin,T.L.				
TITLE				
Identifying underrepresented disadvantaged gifted and talented children: A multifaceted approach.				
JOURN_BOOK				
Unpublished Report				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1		pp 19	EDUC SLCT SPM RACE KIDS WISC	E
ABSTRACT				
Reports the results of a system wide introduction of screening for giftedness in the San Diego school district, particularly seeking to identify those members of minority groups often missed with other forms of testing. Significantly improved ratios of the many minority groups were found, while the overrepresentaion of whites, relative to their numbers in the population, was reduced.				

MATRICES		YEAR			
SPM		1994			
AUTHOR					
Sahin,N.					
TITLE					
Raven's SPM in the screening of candidates for gifted education					
JOURN_BOOK					
Paper presented to the 23rd International Congress of Applied Psychology, Madrid, July.					
VOLUME	SECTION	PAGES	CODES		INT_CODE
			EDUC ANTHROP ASIA SCLS SPM KIDS ITEM CORR FACT VALD WISC SPM		A.E.
ABSTRACT					
In a multi-step selection process for the identification of gifted children in the lower SES families, teacher-nominated candidates were invited for group testing with a locally-developed general ability battery as well as SPM. A total of 2780 children, ages 11-13, wwas tested, with results compared with national norms. Various analyses of the data are reported. Multiple cutoff points were used to select a sample of 360 children for individual testing. Special emphasis is placed on multivariate prediction formulae to predict those children with a WISC-R IQ over 140 from the pattern of items in SPM.					

MATRICES		YEAR		
SPM		1994		
AUTHOR				
Sahin,N. & Duzen,E.				
TITLE				
Turkish standardization of the Raven's SPM				
JOURN_BOOK				
Paper presented to the 23rd International Congress of Applied Psychology, Madrid, July.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			ANTHROP EDUC KIDS NORM ASIA CORR MFSX SCLS ITE MEFACT VALD BELL WISC	A.E.N.
ABSTRACT				
To create local norms, SPM was given to 2500 Turkish children, ages 7-15, sampled with aproximately equal numbers of children from 3 SES levels. Norms are presented as raw scores and as percentiles by age (4 month intervals and whole years). Internal consistency was >.90 for all ages. Subtests intercorrelated .39 to .75. SES differences were found but no sex differences. Data were item analysed, factor analysed and Rasch scaled. Concurrent validity with WISC-R for a gifted sub-set of the sample (N=39) was .74.				

MATRICES		YEAR		
SPM		1994		
AUTHOR				
Stough,C.,Mangan,G.,Bates,T.,Pellett,O.				
TITLE				
Smoking and Raven IQ				
JOURN_BOOK				
Psychopharmacology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
116	3	382-384	CLIN APM DRUG AUST	C
ABSTRACT				
Tested the hypothesis that the drug nicotine acts to improve intellectual performance on the APM by testing 16 subjects (aged 18-32 yrs). It was found that nicotine enhanced physiological processes underlying performance on the APM as the scores in the smoking session were significantly higher compared with the nonsmoking session.				

MATRICES		YEAR		
SPM		1994		
AUTHOR				
Tanzer,N.K., Gittler,G. & Sim,C.Q.E.				
TITLE				
A cross-cultural comparison of a Rasch calibrated spatial ability test between Austrian and Singaporean adolescents				
JOURN_BOOK				
In P.Boski, P.Schmitz & F. Van de Vijver (Eds) Proceedings of the Cultural Psychology,Liege,July,1992. Lisse: Swets & Zeitlinger.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
		96-110	XX ANTHROP SPM VARI EURO	
ABSTRACT				
Describes findings with the Viennese Matrices Test, a version similar to SPM, designed according to an explicit set of construction rules. Finds a cross-cultural difference for Ss whose alphabet involves reading from left to right (Austrian) and those reading from right to left (Nigeria), with Latin vs. Arabic script. Relates Rasch scaling of this test to results previously reported for SPM.				

MATRICES		YEAR		
SPM		1994		
AUTHOR				
Van den Broek, M.D. & Bradshaw, C.M.				
TITLE				
Detection of acquired deficits in general intelligence using the National Adult Reading Test and Raven's Standard Progressive Matrices.				
JOURN_BOOK				
British Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
33		509-515	CLIN SPM WAIS NUSY BRDM HEMI VALD UK	C
ABSTRACT				
A multiple regression equation for estimating premorbid SPM score on the basis of age and the NART was derived. A sample of patients with confirmed cerebral lesions was examined to determine the proportion with discrepancies between predicted and obtained SPM performance. Sensitivity was modest (52%), though comparison indicated SPM was more sensitive to neuropathology than a short- form WAIS.				

MATRICES YEAR				
SPM		1994		
AUTHOR				
Vernon,P.A.				
TITLE				
Two-factor theory				
JOURN_BOOK				
In R.J.Sternberg (Ed) Encyclopedia of Human Intelligence: New York. Macmillan.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2		1095-1098	CRIT SPM THEO EEGM SIME	
ABSTRACT				
Provides an historical account of the work of Charles Spearman in his development of two factor theory, leading to an account of RPM as an instrument designed within this theoretical framework.				

MATRICES		YEAR		
SPM		1994		
AUTHOR				
Vodegel Matzen, L.B.L.				
TITLE				
Performance on Raven's Progressive Matrices; what makes a difference?				
JOURN_BOOK				
Doctoral Dissertation, Universitet van Amsterdam				
VOLUME	SECTION	PAGES	CODES	INT_CODE
		152	XX CRIT SPM AUTO ITEM AGES KIDS SIME	
ABSTRACT				
A series of studies is described. First, comparing performance on the paper and pencil version with a computerized presentation with children, finding little difference in results and some advantages from the computerized method. Second, problem solving on SPM was analysed in relation to performance on reaction time measures, finding that more complex problems lead to more chaotic problem solving behavior. Strategies for problem solving by children were analyzed, followed by the construction of new items with a priori error definitions. Finally a series of pictorial items was constructed incorporating similar problem solving principles. [Text in English; Summary in Dutch]				

MATRICES		YEAR		
SPM		1994		
AUTHOR				
Vodegel Matzen,L.B.L., Van der Molen, M.W. & Dudink, A.C.M.				
TITLE				
Error analysis of Raven Test Performance				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
16	3	433-445	XX EURO ITEM SPM KIDS EDUC CRIT	E
ABSTRACT				
Describes analysis of incorrect responses of children, aged 8.5 - 12.5 yrs, and identifies that omission of solution rules provides a major cause. An alternative set of 'Experimental Progressive Matrices' was constructed with five basic solution rules with response alternatives designed so that the rules used or omitted could be identified.				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
Botez-Marquard,T. & Botez,M.I.				
TITLE				
Cognitive behavior in herede degenerative ataxias				
JOURN_BOOK				
European Neurology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
33		351-357	XX CLIN NOAM SIME SPM NUSY BRDM PHYS	C
ABSTRACT				
A comprehensive neuropsychological battery was given to 15 patients with Friedreich's ataxia (FA) and 15 others with olivopontocerebellar atrophy (OPCA). Among other results, performance on SPM, untimed block design and the Rey figure all revealed a visuospatial deficit suggestive of a mild parietal-like syndrome in OPCA, and the FA group were slower on SPM than controls.				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
Byrd,M.				
TITLE				
Adult age differences in the ability to write prose passages				
JOURN_BOOK				
Educational Gerontology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
19		375-396	EDUC AUST AGES SPM WAIS	E
ABSTRACT				
Compared the writing performance of two groups of adults - 100 young adults (mean age 20.9 yrs) and 100 older adults (mean age 68.2 yrs). In addition various tests were administered, including WAIS Vocabulary and SPM. As expected,the younger adults had higher scores than the older ones, with means being 52.0 and 40.3 respectively.				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
CARR,A.				
TITLE				
Twenty years a growing: A research note on gains in the intelligence test scores of Irish children over two decades.				
JOURN_BOOK				
The Irish Journal of Psychology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	4	576-582	EDUC SPM CRIT KIDS NORM UK	E.N.
ABSTRACT				
The results of two major surveys of more than 3000 primary school children in the Republic of Ireland were compared with Irish normative data for over 3000 children of the same age on the SPM. Data for the review came from Gill and Byrt's standardisation sample (26 counties), 1972; O'Connor and Ruddle (Clare),1987; and Jeffers' and Fitzgerald (Dublin) 1991. Significant increases in scores on the SPM of 10 and 11 IQ points (p<0,0001) were found for the Dublin and Clare samples respectively. These results were discussed in the light of comparable observations in other countries; however the theory of Brand et al's (1989) - permissive society affecting test taking strategies as a possible				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
CARR,A.				
TITLE				
The epidemiology of psychological disorders in Irish children.				
JOURN_BOOK				
The Irish Journal of Psychology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	4	546-560	CLIN CRIT SPM KIDS UK	C
ABSTRACT				
Three major epidemiological studies of psychological disorders in Irish children were reviewed, namely Jeffers and Fitzgerald, 1991; O'Connor, Ruddle and O'Gallagher,1988; and Porteous,1989,1991 and involved more than 4000 children from geographically disparate areas. In all three studies children were screened with the Rutter Teacher Questionnaire. Jeffers and Fizgerald and O'Connor et al used the SPM. From analysis of these studies it was concluded that there are between 100,000 and 160,000 children in Ireland with psychological disorders, with more coming from the cities than rural areas. A need for clinical psychologists to expand their manpower in view of this was				

MATRICES YEAR				
SPM		1993		
AUTHOR				
Cianchetti,C. & Marrosu,M.G.				
TITLE				
[The analysis of nervous sytem functions in dysmorphic syndromes]				
JOURN_BOOK				
Pediatra Medica e Chirurgica				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15	1	26-28	XX SPM CLIN BRDM EURO	C
ABSTRACT				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1993		
<i>AUTHOR</i>				
De Lemos,M.M.				
<i>TITLE</i>				
The use of Advanced Progressive Matrices in Australia				
<i>JOURN_BOOK</i>				
Unpublished MS.				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
			XX APM SPM NORM AGES EDUC AUST KIDS CORR VALD	E
<i>ABSTRACT</i>				
Two groups of students, 25 from Grade 7 and 26 from Grade 10, were given both SPM and APM. Comparisons between scores on the two tests, using the Andrich and Dawes conversion provided in the manual, suggest a consistent over-estimate of SPM scores when based on APM scores and an under-estimate of APM scores when based on actual SPM scores. Comparisons are also offered with German normative data. Norms are based on data collected at different times, and the tests are designed to discriminate at different levels.				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
De Lemos,M.M.				
TITLE				
The use of Advanced Progressive Matrices in Australia				
JOURN_BOOK				
Unpublished MS.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			XX APM SPM NORM AGES EDUC AUST KIDS CORR VALD	E
ABSTRACT				
Two groups of students, 25 from Grade 7 and 26 from Grade 10, were given both SPM and APM. Comparisons between scores on the two tests, using the Andrich and Dawes conversion provided in the manual, suggest a consistent over-estimate of SPM scores when based on APM scores and an under-estimate of APM scores when based on actual SPM scores. Comparisons are also offered with German normative data. Norms are based on data collected at different times, and the tests are designed to discriminate at different levels. Two groups of students, 25 from Grade 7 and 26 from Grade 10, were given both SPM and APM. Comparisons between scores on the two tests, using the				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
Deruaz,J.P., Assal,G. & Peter-Favre,C.				
TITLE				
Un cas clinico-pathologique d'aphasie progressive. [A clinicopathological case of progressive aphasia]				
JOURN_BOOK				
Revue Neurologique				
VOLUME	SECTION	PAGES	CODES	INT_CODE
149	3	186-191	XX WAIS BRDM SPM CLIN VERB NUSY WAIS EURO	C
ABSTRACT				
A case report of a woman who was assessed neurologically over several years from minimal impairment to death with a severe dementia. She was tested with the Wisconsin Card Sorting Test, WAIS (IQ 90) and SPM (10th percentile) at ages 63 nd 67. Post- mortem examination showed frontal lobe atrophy.				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
Detry,B. & Durate,I.				
TITLE				
A construcao das conductas cognitivas: Uma abordagem diferencial em funcao da origem socio-economica.[The construction of cognitive behaviors: A socio-economic differential approach]				
JOURN_BOOK				
Jornal de Psicologia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
11	1-2	24-27	XX EDUC ANTHROP EURO KIDS SPM SCLS	A.E.
ABSTRACT				
Studied the construction of cognitive behavior patterns as a function of SES and in relation to the scholastic achievements of Ss and their fathers. Ss were 12-18 yrs old and tested with SPM. [Text in Portuguese: Abstracts in English and French]				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
Devolder,P.A.				
TITLE				
Adult age differences in monitoring of practical problem-solving performance				
JOURN_BOOK				
Experimental Aging Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
19	2	129-146	XX MISC AGES NOAM SPM VALD CORR	
ABSTRACT				
In the development of a test of problem solving for use by older adults, a preliminary assessment was made of 45 adults who completed SPM, together with the scale under development.				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
Egan, V.				
TITLE				
Can specific inspection time strategies be inferred by their latency?				
JOURN_BOOK				
Irish Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	2	253-269	CRIT SIME SPM PERS UK MHV	
ABSTRACT				
Investigated performance on reaction times (response latency of inspection time) with 47 Ss who also completed SPM, Mill Hill Vocabulary (FormB) and EPI. Correlations between measures are reported, including SPM with MHV, r = .55.				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
ELLIS,R.				
TITLE				
Working manual of the Computerized Standard Progressive Matrices.				
JOURN_BOOK				
Psytec Associates				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			EDUC CLIN NUSY AUTO SPM KIDS SISU	E
ABSTRACT				
Manual for the computerized version of the SPM, giving system requirements, installation and scoring instructions.				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
FORS,M.A.				
TITLE				
Applying Stanley's J, an item-difficulty-goodness-of-test-fit metric, to enhance score interpretability.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
53	07	2341	STAT SPM ITEM CORR MFSX VALD RACE NOAM	
ABSTRACT				
Investigated one of the first applications of a goodness of test fit statistic, Stanley's J. This is a statistical technique designed to measure how closely the item difficulty structure of individual or sample group scores resembles the item difficulty structure of normative group scores. If the item difficulty structure of the test is maintained from normative group to sample group, the likelihood of the assessment being valid is increased and the instrument may be considered a good fit for the individual. The SPM was administered to a sample of students. One way analysis of variance, tables of means, and multiple range analysis were used to examine the results. Stanley's J suggested that the SPM				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
Helscher,R.J. & Pinter,M.M.				
TITLE				
Speed and power of higher cerebral functions in Parkinson patients				
JOURN_BOOK				
Journal of Neural Transmission - Parkinsons Disease and Dementia Section.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	1	35-44	XX CLIN BRDM PHYS SIME NUSY SPM EURO	C
ABSTRACT				
Compared 21 idiopathic, pharmaceutically well managed parkinson patients to study to what extent impairments of fluid intelligence are due to a slowing of cognitive processes, i.e. to bradyphenia(speed), or to a true performance deficit (power). The Vienna Matrices Test, similar to SPM, was presented in a modified form. The Cognitrone was used to measure the influence of vigilance and perception. With increasing neurological severity, true deficits in the power dimension appeared.				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
Jensen,A.R. & Whang,P.A.				
TITLE				
Reaction times and intelligence: a comparison of Chinese-American and Anglo-American children				
JOURN_BOOK				
Journal of Biosocial Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
25	3	397-410	XX EDUC ANTHROP RACE NOAM SIME KIDS SPM	A.E
ABSTRACT				
Anglo- and Chinese-American school children were tested with SPM and various measures of information processing (reaction time tasks etc.) All the tasks correlated with SPM. The two groups differed on most of the variables, but these differences are multi-dimensional, equivalent to about 5 IQ points in favor of the Chinese-Americans.				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
JESSEN,B.A.				
TITLE				
Academic self-concept and reading ability of deaf adolescents.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
31	02	552	EDUC SPM DEAF NOAM	E
ABSTRACT				
Compared the academic self-concept of deaf adolescents enrolled in two different educational settings and to explore the relationship between academic self-concept and reading achievement of the deaf adolescents in each setting. One group of adolescents received 50% or more instructional time with other deaf students (Group1) whereas the other group received 50% or more instructional time with hearing students. (Group II). The SPM was used to assess non-verbal activity. Results indicated no significant difference in academic self-concept between the two groups of students. However, further analyses determined that Group II students scored significantly higher in both reading				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
Kaplan, R.M. & Saccuzzo,D.P.				
TITLE				
JOURN_BOOK				
Psychological Testing (Third Edition)				
VOLUME	SECTION	PAGES	CODES	INT_CODE
		377-379	XX RPM TEXT MISC	
ABSTRACT				
Describes the various forms of the Matrices, identifying them as among the most widely used nonverbal group tests. It refers to its advantages in relation to language and culture, and noted the significantly improved norms developed in recent years. It "holds promise as one of the major players in the testing field in the 21st century."				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
Kern,R.R., Bordieri,J.E. & Taylor,D.W.				
TITLE				
A comparison of Raven's Standard Progressive Matrices with the Wechsler Adult Intelligence Scale - Revised for individuals receiving rehabilitation services.				
JOURN_BOOK				
Vocational Evaluation and Work Adjustment Bulletin				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	2	53-56	XX VOC PHYS WAIS CORR VALD SPM NOAM CLIN QQ	C.V.
ABSTRACT				
Compared SPM and WAIS-R as assessment instruments with rehabilitation clients with orthopedic or mental impairments. 64 Ss (ages 17-54) were tested. A moderate relationship between the two tests was found, but it is concluded that SPM is best used as a test in its own right.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1993		
<i>AUTHOR</i>				
MAXCY,P.				
<i>TITLE</i>				
The effects of Feurstein's Instrumental Enrichment (FIE) on cognitive performance and transfer measures of at-risk adolescentswhenadequatemediated learning experiences are present.				
<i>JOURN_BOOK</i>				
Dissertation Abstracts International				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
31	04	1439	MISC SPM FEURTHERO NOAM	
<i>ABSTRACT</i>				
Mediated learning experiences, a central construct of Feurstein's learning theory of Structural Cognitive Modifiability received particular attention and was monitored during the delivery of FIE. Data from the SPM indicated that students in the experimental group improved their efficiency on this test.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1993		
<i>AUTHOR</i>				
Mellard,D.F.				
<i>TITLE</i>				
<i>JOURN_BOOK</i>				
California Community Colleges Eligibility Guidelines for Learning Disability Services				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
		pp.20	XX EDUC STUD NOAM NORM SPM WAIS	E
<i>ABSTRACT</i>				
A working manual for those involved in administering a battery of diagnostic procedures to identify learning disabilities within the community college system of California. Tests include SPM. Administration instructions, together with standardized scores for ages 17 through 41+, based on prior studies, are provided.				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
Palumbo, D.L. & Palumbo, D.B.				
TITLE				
A comparison of the effects of Lego TC Logo and problem solving software on elementary students' problem solving skills.				
JOURN_BOOK				
Journal of Computing in Childhood Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	3-4	307-323	EDUC KIDS AUTO SPM NOAM	E
ABSTRACT				
Compared the effects of two computer based learning environments on 30 5th graders. - Lego TC instruction and CAI PS software. Both environments promoted problem solving skills for 7 weeks, but not the same skills. Only the Lego TC group gained significantly on SPM score.				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
Paszkowska-Rogacz, A.				
TITLE				
Niewerbalne aspekty myślenia twórczego u dzieci głuchych [Nonverbal aspects of creative thinking in deaf children]				
JOURN_BOOK				
Psychologia Wychowawcza				
VOLUME	SECTION	PAGES	CODES	INT_CODE
36	5	409-416	ANTHROP CLIN DEAF PHYS KIDS SPM EURO EDUC	A.C.E.
ABSTRACT				
A study of creative ability and its correlates in deaf childrenin Poland. 22 deaf children were compared with 22 controls on SPM, the Inventory of Pupil Behavior and a Test of Creative Thinking. [Text in Polish: English abstract]				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
Sarmany, I.				
TITLE				
Biorytmy v skolskej cinnosti-prispevok k skolskej ergonomii [Biorhythms in school activity: Contribution to school ergonomics]				
JOURN_BOOK				
Ceskoslovenska Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
37	6	481-490	ANTHROP EDUC IQTS SPM EURO PHYS KIDS STUD	A.E.
ABSTRACT				
A study of the biorhythmic relationship between sleep habits, preferred time of activity and recall of learned material among school children and university students. SPM was among the instruments used. [Text in Slovak: English abstract]				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
Schuhfried,G.				
TITLE				
Standard Progressive Matrices: SPM 5.00				
JOURN_BOOK				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			AUTO EURO SPM MISC NORM QQ	
ABSTRACT				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
Templer,D.I., Kaiser,G. & Siscoe,K.				
TITLE				
Correlates of pathological gambling propensity in prison inmates				
JOURN_BOOK				
Comprehensive Psychiatry				
VOLUME	SECTION	PAGES	CODES	INT_CODE
34	5	347-351	XX SPM PERS NOAM CRIM CLIN CORR DRUG	C
ABSTRACT				
Describes the characteristics of 136 consecutively admitted inmates to a medium security prison with gambling problems. Personality data and SPM scores are reported. A negative correlation between gambling and cognitive ability was found.				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
Vera-Tejeiro, A.				
TITLE				
Variables que influyen en el rendimiento musical: un estudio empirico. [Variables that influence musical achievement: An empirical study]				
JOURN_BOOK				
Revista de Psicologia Universitas Tarragonensis				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15	1	137-148	EDUC ANTHROP KIDS PERS SLCT	A.E.
ABSTRACT				
532 Spanish boys and girls, aged 7-14, were assessed for musical aptitude for selection to school. Those selected then completed SPM and EPI. Results were compared with those of the aptitude test and with school performance. [Text in Spanish: English abstract]				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1993		
<i>AUTHOR</i>				
Vodegel Matzen,L.B.L., Dudink,A.C.M. & Van der Molen, M.W.				
<i>TITLE</i>				
A comparison between computerized and paper & pencil test administration of Raven's Progressive Matrices				
<i>JOURN_BOOK</i>				
Unpublished MS				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
			XX EDUC SIME KIDS AUTO EURO ITEM SPM	E
<i>ABSTRACT</i>				
Investigated whether a difference in error patterns exists between computerized and standard presentations with 400 10 yr old children. No differences were found between subgroups on mean scores or error patterns on the SPM.				

MATRICES		YEAR		
SPM		1993		
AUTHOR				
Vodegel Matzen,L.B.L., Dudink,A.C.M. & Van der Molen,M.W.				
TITLE				
A chronometric analysis of children's responses to Raven's Progressive Matrices				
JOURN_BOOK				
Unpublished MS.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			XX EDUC KIDS ITEM AUTO SPM AGES SIME	E
ABSTRACT				
Explored the speed-intelligence relation registered on items of SPM, with children in three age groups (9,11 and 13 yrs) doing two computerized versions. In the first version, the problem matrix and response alternatives were presented in a single display: in the second, they were in separate displays. Computer recorded reaction times and accuracy. Error pattern was similar to findings on the standard form. As the items got more difficult high scoring and older children slowed down, extending the time spent on the matrix, rather than prolonging the inspection of response alternatives.				

MATRICES YEAR				
SPM		1992		
AUTHOR				
ABRACEN,J.L.				
TITLE				
Neuropsychological correlates in sexual and non-sexual offenders.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
30	04	1492	CLIN CPM CRIM NUSY NOAM	C
ABSTRACT				
An experimental group consisting of a homogeneous group of convicted sex offenders was compared to a group of non-violent non-sex prison controls as well as to a group of normal controls. Background measures were also administered to all subjects to control for the effects of variables related to neuropsychological test performance. On the CPM, sex offenders scored significantly lower than normal controls. No differences were found between sex offenders and prison controls on any of the measures. The results do not support Flor-Henn's (1989-1987) neuropsychological theory as to the etiology of the paraphilias.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1992		
<i>AUTHOR</i>				
Blennerhassett,L., Strohmeier,S.J. & Hibbett,C.				
<i>TITLE</i>				
Criterion-related validity of Raven's Progressive Matrices with deaf residential school students				
<i>JOURN_BOOK</i>				
Unpublished MS				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
			EDUC KIDS SPM DEAF PHYS VALD NOAM CLIN QQ	E.C
<i>ABSTRACT</i>				
Criterion related validity of SPM was investigated using a sample of 107 deaf students, aged 10-19. SPM was found to correlate .598 with WISC-R Performance IQ (using WISC-R deaf norms) and .616, using hearing norms. Predictive validity of SPM was supported by significant correlations with SAT Reading Comprehension, Spelling and Language scores (ranging from .33 to .44)				

MATRICES		YEAR		
SPM		1992		
AUTHOR				
De Lemos,M.M.				
TITLE				
The Raven's Progressive Matrices: Changes in performance standards and effects of schooling.				
JOURN_BOOK				
Paper presented at 25th International Congress of Psychology, Brussels				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			CRIT KIDS AUST NORM AGES VALD SPM	
ABSTRACT				
Data from the 1986 Australian restandardization of the Standard Progressive Matrices had indicated that scores on this test are more closely related to grade level than to age. This finding is consistent with earlier findings on verbal tests of general ability and with recent data from Israel and New Zealand. Increases in SPM scores over time have also been reported from a number of different countries, including Belgium, the Netherlands and France. These findings will be discussed with reference to Flynn's work regarding the implications of generational gains in measured IQ for the use and validity of tests of "intelligence."				

MATRICES		YEAR		
SPM		1992		
AUTHOR				
Ellis,C.R.				
TITLE				
Reliability and validity of the computerized cognitive assessment battery				
JOURN_BOOK				
National Association of School Psychologists Annual Convention, Nashville				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			EDUC CLIN NUSY KIDS AUTO SUSI SPM	E.C.
ABSTRACT				
Reports the development of a computerized assessemnt battery, based on the PASS model of Das et al. (1979). Trails, SPM, Sequential Memory and Continuous performance tests were combined as the Computerized Cognitive Assessment Battery (CCAB) and given to 25 ADHD children, with 29 controls. The complete battery predicted group membership with better than 90% accuracy.				

MATRICES		YEAR		
SPM		1992		
AUTHOR				
Gupta,G.C. and Malhotra,K.				
TITLE				
Schooling, reasoning and representations.				
JOURN_BOOK				
Paper presented to the 25th International Congress of Psychology, Brussels				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			ANTHROP THEO EDUC SPM	A.E.
ABSTRACT				
Studied the reasoning processes of 60 boys and 60 girls, aged 11 13, in Public and in government schools,using a syllogisms test and 20 items from SPM. Ss were instructed to draw the SPM solutions; time taken and method adopted were recorded. Strategies differed according to the educational system, with Public school children being more macroanalytic, and children from the government school more microanalytic.				

MATRICES		YEAR		
SPM		1992		
AUTHOR				
HSIEH,S-L.J.				
TITLE				
The cognitive effects of Chinese language training in a sample of Chinese-American children.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
52	06	2074	EDUC SPM KIDS WISC NOAM	E
ABSTRACT				
Experimental hypotheses were evaluated by contrasting bilingual children with a racially matched control group of monolingual children who had not attended Chinese language school. The SPM was one of the tests administered. No statistically significant differences were found between the two groups on the SPM. It was concluded that Chinese language training promotes a child's cognitive abilities, advances problem solving ability. It also enhances the development of sequential mental processing and stimulates specific simultaneous processing functions.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1992		
<i>AUTHOR</i>				
MAJDUB,G.				
<i>TITLE</i>				
The psychological determining of academic achievement (achievement, anxiety, locus of control).				
<i>JOURN_BOOK</i>				
Dissertation Abstracts International				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
52	08	4510	EDUC SPM STUD UK	E
<i>ABSTRACT</i>				
Two samples of Libyan university students from the Arabic and Education departments of Bristol university were tested with respect to academic achievement and psychological variables. The SPM was also used. The Arabic group had significantly higher means than the Education group with respect to facilitation anxiety and academic achievement. The Education group had a significantly higher mean on their SPM scores. It was concluded that motivation and ability were the best predictors of the achievement of the two groups.				

MATRICES		YEAR		
SPM		1992		
AUTHOR				
MARLOWE,B.A.				
TITLE				
Identifying learning disabilities in the deaf population.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
52	01	117	EDUC SPM DEAF STUD NOAM	E
ABSTRACT				
Investigated whether a subset of underachieving deaf students could be distinguished from their deaf peers using two measures of short-term sequential memory. Subjects were also administered the SPM. The major finding of the study was that learning disabled students exhibit short-term serial memory deficits regardless of hearing status.				

MATRICES YEAR				
SPM		1992		
AUTHOR				
MINK,C.C.				
TITLE				
An investigation of cognitive functioning, appraisal and coping in multiple sclerosis patients.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
53	04	2070	CLIN SPM PHYS WAIS NOAM	C
ABSTRACT				
Subjects comprised of diagnosed MS patients, who had been identified as having cognitive dysfunction by a battery ofttests including the SPM and the WAIS-R. Physical impairment, appraisal of disease intrusiveness, appraisal of social support, nature and extent of cognitive coping strategies and depression and physiological distress were measured by various tests and scales. Correlational analyses revealed that appraisal of disease intrusiveness and appraisal of satisfaction with social support significantly contributed to the prediction of depression and self-esteem. While cognitive dysfunction was associated with measures of depression/distress, it was not associated with				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1992		
<i>AUTHOR</i>				
Myung,Ja-Song & Lynn,R.				
<i>TITLE</i>				
Reaction times and intelligence in Korean children				
<i>JOURN_BOOK</i>				
Journal of Psychology				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
126	4	421-428	ANTHROP ASIA KIDS SIME MFSX SPM CORR	A
<i>ABSTRACT</i>				
Nine yr old Korean children were tested with reaction time measures and SPM, with RT broken into decision and movement time at three levels of complexity. Results showed low but generally significant correlations between decision times and SPM. Boys had faster movement times than girls, but movement times did not correlate with SPM.				

MATRICES		YEAR		
SPM		1992		
AUTHOR				
Owen,K.				
TITLE				
The suitability of Raven's Standard Progressive Matrices for various groups in South Africa.				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
13	2	149-159	ANTHROP AFRICA RACE KIDS SPM FACT VALD RELI ITEM EDUC OO	A.E
ABSTRACT				
Examines suitability of SPM for groups of white, coloured, Indian and black pupils in Standard 7 in South Africa. The groups show very little difference in reliabilities, rank order of item difficulties, item discrimination values, and the loadings of items on the first principal component. SPM is not culturally biased but nor is it culture blind. The groups show large mean test score differences, especially between black and white pupils where the difference is nearly 3 S.D.				

MATRICES		YEAR		
SPM		1992		
AUTHOR				
Pakesch,G.				
TITLE				
Neuropsychological findings and psychiatric symptoms in HIV-1infected and non-infected drug users.				
JOURN_BOOK				
Psychiatry Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
41	2	163-177.	CLIN EURO DRUG NUSY PERS SPM PSAT	C.
ABSTRACT				
Assessed cognitive deficits of 42 drug-addicted patients who were HIV positive, compared with 31 HIV negative addicts and 50 healthy controls using SPM, MMPI and other rating instruments. No difference found between the two drug goupes on SPM, but both differed from the controls.				

MATRICES		YEAR		
SPM		1992		
AUTHOR				
Pakesch,G., Loimer,N., Grunberger,J. Pfersmann,D., Linzmayer,L., & MayerHofer,S.				
TITLE				
Neuropsychological findings and psychiatric symptoms in HIV-1infected and non-infected drug users.				
JOURN_BOOK				
Psychiatry Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
41	2	163-177	CLIN EURO DRUG NUSY PERS SPM PSAT IQTS	C
ABSTRACT				
Assessed cognitive deficits of 42 drug-addicted patients who were HIV positive, compared with 31 HIV negative addicts and 50 healthy controls, using SPM, MMPI and other rating instruments. No difference found between the two drug groups on SPM, but both differed from the controls.				

MATRICES		YEAR		
SPM		1992		
AUTHOR				
Paszkowska-Rogacz, A.				
TITLE				
Nonverbal aspects of creative thinking: Studies of deaf children				
JOURN_BOOK				
European Journal for High Ability				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3		236-240	ANTHROP EURO GIFT KIDS EDUC PERS DEAF PHYS SPM MESY	A.E.
ABSTRACT				
A group of 22 deaf teenagers was compared with hearing Ss on the Test of Creative Thinking-Drawing Productions (TCT-DP), SPM and Pupil Behaviour Inventory. Non hearing Ss were below hearing Ss on socialisation. On SPM the mean scores were 45.6 and 59.5 respectively, This is reported as non-significant. Boys and girl in both groups scored comparably. Among the deaf, SPM correlated positively with concreteness (r = .532), but the reverse was true for hearing subjects (r = -.464), who scores were positively correlated with abstraction (r = .589).				

MATRICES		YEAR		
SPM		1992		
AUTHOR				
PODELL,K.				
TITLE				
Lateralization of functions in the prefrontal cortex: cognitive stability vs. cognitive plasticity (frontal cortex).				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
53	01	553	CLIN SPM HEMI BDRM WAIS YSNK MFSX NOAM	C
ABSTRACT				
A group of 20 subjects with well lateralized left and right prefrontal cortex (PFC) lesions were administered two novel tasks, the SPM and the WAIS-R. A control group were also administered the novel tasks and a personality questionnaire. The implications of the results in terms of understanding hemispheric specialization in the PFC, and gender differences were presented.				

MATRICES		YEAR		
SPM		1992		
AUTHOR				
Salthouse,T.A. & Skovronek,E.				
TITLE				
Within context assessment of age differences in working memory				
JOURN_BOOK				
Journal of Gerontology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
47	3	110-120	AGES NOAM AUTO SPM MISC	
ABSTRACT				
Investigated age-related mechanisms in working memory and cognitive functions, using a computerized version of SPM. Age decrements were found, and it is concluded that a decreased ability to transform or abstract information while also preserving the products of earlier processing is a feature of aging.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1992		
<i>AUTHOR</i>				
Sanders,T.A.B.				
<i>TITLE</i>				
Vitamins and intelligence				
<i>JOURN_BOOK</i>				
The Psychologist				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
	Sep	406-408	EDUC PHYS KIDS CORR WISC UK SPM	E
<i>ABSTRACT</i>				
A critical evaluation of studies claiming to demonstrate benefits from enhanced nutrition by vitamin supplements on IQ performance. Includes a re-interpretation of a report bySchoentaler et al (1991), which included the MAT , EPQ, SPM and basic reading skills. No significant improvements were found on children's SPM performance .				

MATRICES		YEAR		
SPM		1992		
AUTHOR				
Sharma,V. & Kaur,K.				
TITLE				
Moral judgement as a function of intelligence, birth-order and age of the children.				
JOURN_BOOK				
Psychologia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
35		121-124	ANTHROP EDUC ASIA KIDS AGES CPM	A.E.
ABSTRACT				
Investigated the relationships between cognitive abilities (CPM), birth order and age with moral judgement among boys aged 6-7, and 10-11 yrs, selected from schools in N.India. A main effect was found, with CPM showing a positive relationship to level of moral judgement. Age and birth-order were also significant.				

MATRICES		YEAR		
SPM		1992		
AUTHOR				
Sosnowski,T. & Krywosz-Rynkiewick,B.				
TITLE				
Learned helplessness and heart rate				
JOURN_BOOK				
Paper to the Health Psychology Section Annual Conference, British Psychological Society, St Andrews.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			PHYS CLIN SPM EURO STUD	C
ABSTRACT				
[Abstracted in BPS 1993 Abstracts] An investigation of learned helplessness, and the effect of motivation on physiological processes. Sixty male high school students performed soluble or insoluble tasks and then were given 15 problems from SPM. Performance on SPM was found to be impaired in the group that had attempted insoluble problems relative to the control group.				

MATRICES		YEAR		
SPM		1992		
AUTHOR				
Tanwar,U. & Malhotra,D.				
TITLE				
Interactive effects of personality and imagery variables in short term memory				
JOURN_BOOK				
Psychologia: An International Journal of Psychology of the Orient				
VOLUME	SECTION	PAGES	CODES	INT_CODE
35	1	55-61	ANTHROP PERS KIDS ASIA EDUC SPM	A.E.
ABSTRACT				
{Awaiting abstract}				

MATRICES		YEAR		
SPM		1992		
AUTHOR				
Templer,D.I.				
TITLE				
Prison norms for Raven's Standard Progressive Matrices.				
JOURN_BOOK				
Perceptual and Motor Skills.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
74		1193-1194	STAT SPM NORM CRIM AGES RACE NOAM	N
ABSTRACT				
Prison norms for the SPM were developed using 1126 male inmates in a prison in Nevada. Information was provided for the white men, for the black men and for all six ethnicities combined. Norms were provided for three age categories - under 35 years, ages 36-54, and all ages combined. There was substantial overlap in distribution of scores by black and white inmates.				

MATRICES YEAR				
SPM		1992		
AUTHOR				
Templer,D.I. & Jackson,P.A.				
TITLE				
Jewish inmates: an atypical prison group.				
JOURN_BOOK				
Psychological Reports				
VOLUME	SECTION	PAGES	CODES	INT_CODE
71	2	513-514	NOAM CRIM RACE SPM ANTHROP	A
ABSTRACT				
12 Jewish inmates scored significantly higher than 1497 non- Jewish inmates on SPM. Interview findings indicate the present Jewish inmates were never very involved in the practice of Judaism and were not strongly integrated into their local Jewish communities.				

MATRICES		YEAR		
SPM		1992		
AUTHOR				
Todman, J. & Lawrenson, H.				
TITLE				
Computer anxiety in primary schoolchildren and university students				
JOURN_BOOK				
British Educational Research Journal				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	1	63-72	EDUC STUD KIDS SPM UK	E
ABSTRACT				
A study of computer anxiety and the variables associated with it. First year university students and 9 year olds of comparable intelligence were tested. SPM was used as a measure of ability for both groups.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1992		
<i>AUTHOR</i>				
Vodegel Matzen,M.L.B.L., & Dudink,A.				
<i>TITLE</i>				
Rule omission in solving Raven Progressive Matrices.				
<i>JOURN_BOOK</i>				
Paper presented at 25th International Congress of Psychology, Brussels				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
			CRIT ITEM KIDS SPM	
<i>ABSTRACT</i>				
In a study concerning the erroneous responses given to matrix problems, children were presented with the Raven Standard Progressive Matrices (SPM), followed by a set of 48 newly constructed matrix problems. The design of the new items was such that in the case of an incorrect response alternative being chosen, it could be deduced which, and how many rules had been omitted in the solution process. Results indicated that low performers on the SPM tended to omit two or more easy, as well as difficult rules in their solution process. High performers tended to omit only one difficult rule.				

MATRICES		YEAR		
SPM		1992		
AUTHOR				
VOICU,C., PATRASCU,G.				
TITLE				
Controlul validitatii bateriei de teste aptitudinale pentru electrcieni: I. [Validity control of the test battery for electrician's abilities: I]				
JOURN_BOOK				
Revista de Psihologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
38	4	305-320	VOC RPM EURO	V
ABSTRACT				
An experimental model was administered to 105 electricians aged 18-60 yrs. The RPM were also administered. General intelligence correlated highly with all the other aptitudes, especially with observational skills and spatial representation.				

MATRICES		YEAR		
SPM		1992		
AUTHOR				
WATSON,C.R.				
TITLE				
Specific processing difficulties in developmental reading disability among elementary school children.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
52	11	3877	EDUC CPM KIDS WISC FACT CORR PPVT NOAM	E
ABSTRACT				
This research investigated developmental reading difficulty among children who had average or above average oral language and non-verbal reasoning ability. Three groups were matched according to performance on the CPM, WISC-R Vocabulary, and PPVT- Revised. A test battery, comprised of 19 cognitive/ linguistic/achievement measures were also administered. Factor analysis produced 3 factors that were interpreted as symbolic processing/memory, rapid automatized naming, and visual processing. When the score profiles of all 75 subjects were classified statistically, three of the four clusters were composed of both successful and unsuccessful readers, implying that differences				

MATRICES	YEAR			
SPM	1991			
AUTHOR				
Au,W.K.,Leung,J.P.				
TITLE				
Problem solving, instructional methods and logo programming.				
JOURN_BOOK				
Journal Educational Computing Research.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	4	455-467	EDUC SPM KIDS ASIA	E
ABSTRACT				
Investigated the effects of learning Logo programming on the transfer of problem solving skills. 60 children from 8 to 12 years were divided into three groups (Logo Process-Oriented Group, Logo Content-Oriented Group, and Typing Control Group). Children were assessed on a vareietiy of problem solving tasks including the SPM before and after training. No significant differences were found among the scores on the SPM for the three groups.				

MATRICES YEAR				
SPM		1991		
AUTHOR				
Avanesova,E.G. & Guldán,V.V.				
TITLE				
[Changes in mental activity of children with biliary pathology]				
JOURN_BOOK				
Zhurnal Nevropatologii i Psikiatrii imeni S.S. Korsakova				
VOLUME	SECTION	PAGES	CODES	INT_CODE
91	5	62-65	ANTHROP EURO PHYS KIDS CLIN SPM RUSSIA	A.C.
ABSTRACT				
{Awaiting abstract}		[Text in Russian: English abstract]		

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Bosman,A.M.T. & de Groot,A.M.B.				
TITLE				
De ontwikkeling van woordbeelden bij beginnende lezers en spellers [The development of orthographic images in beginning readers and spellers]				
JOURN_BOOK				
Pedagogische Studien				
VOLUME	SECTION	PAGES	CODES	INT_CODE
68	5	199-215	EDUC KIDS SPM EURO ANTHROP CORR	E
ABSTRACT				
Young beginning readers were investigated in three experiments to explore the development of orthographic images as part of the reading development process. Comparison between good and poor readers included scores on SPM, but correlation between SPM and performance was found. {Text in Dutch: English abstract}				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Buhler,K.E., Gross,M. & Jurgensen,R.				
TITLE				
Psychometrische Differenzierung schizophrener und schizoaffectiver Psychosen [Psychometric differentiation of schizophrenic and schizoaffective disorders]				
JOURN_BOOK				
Schweizer Archiv fur Neurologie und Psychiatrie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
142	6	535-552	CLIN PSAT PSSS EURO WAIS SPM	C
ABSTRACT				
A clinical study assessing differences between schizoaffective disorders and schizophrenic disorders, using a range of cognitive tests, including SPM. Schizoaffectives showed no impairment on SPM when compared with normals. Significant differences were found with schizophrenics, who performed poorly on abstract reasoning (means expressed in IQ equivalents of 99.75, with N=39, and 94.82 with N= 169, respectively).				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Chan,J.W., Eysenck,H.J., & Lynn,R.				
TITLE				
Reaction times and intelligence among Hong Kong children.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
72	2	427-433	ANTHROP RACE SPM SIME CORR KIDS ASIA FACT VALD 00	A.
ABSTRACT				
The relationship between RT measures and SPM was investigated with 479 9-yr-old children in Hong Kong. RT scores were factor analysed and identified a general RT factor, with three component factors (movement times, reaction times proper and variability). All RT measures correlated negatively with SPM, and to about the same degree, ranging from -.24 down to -.12. The pattern suggested that each of the RT parameters measures a different feature of the efficiency of neurological functioning and gained support from the multiple correlation of all 12 RT scores with SPM of -.29.				

MATRICES YEAR				
SPM		1991		
AUTHOR				
Cherkes-Julkowski,M. et al				
TITLE				
Prompted Cognitive Testing as a Diagnostic Compensation for Attentional Deficits: The Raven Standard Progressive Matrices and Attention Deficit Disorder.				
JOURN_BOOK				
Learning Disabilities: A multidisciplinary Journal.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	1	1-7	MISC SPM DFCT AFCT KIDS	
ABSTRACT				
Investigated the effects of prompting, or directing/controlling attention, during a reasoning task on the performance of 68 children with attention deficit disorders, learning disabilities, or no handicaps, in grades 1-12. All groups benefited from prompting and prompting was related to a different set of cognitive processes in each group.				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Dobbins,D.A. & Tafa,E.				
TITLE				
The "stability" of identification of underachieving readers over different measures of intelligence and reading				
JOURN_BOOK				
British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
61	2	155-163	EDUC KIDS SPM AGES UK	E
ABSTRACT				
Describes the identification of severe underachieving readers, using a battery of tests with 300 boys and 278 girls, ages 9 -11. Test included reading measures, the Cognitive Abilities Test and SPM, then subjected to multiple regression. The two intellectual measures correlated around .60, and SPM featured strongly in those combinations best suited to predict a `naturally occurring' group of underachievers.				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Ellis,C.R.				
TITLE				
JOURN_BOOK				
The utility of a computerized assessment battery to evaluate cognitive functioning and attention Ed.D. Dissertation. College of William and Mary, Virginia.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			EDUC SISU SPM AUTO NOAM NUSY KIDS CORR RELI VAL D	E
ABSTRACT				
An exloration of the usefulness of a computerized battery of tests with schoolchildren in school settings. Test selection was based on the PASS model of cognitive functioning, and included a specially constructed version of SPM for computer presentation. A random group of 29 public school children was compared with 25 with attention deficits in grades 3-5. Reports correlations between tests and SPM scores and times.				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Ferjencik, J.				
TITLE				
Typlogia chyb v rieseni progresivnych matic a jej diagnosticke implikacie [Typology of errors in solving the Progressive Matrices Test and its diagnostic implications]				
JOURN_BOOK				
Ceskoslovenska Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
35	2		EDUC CRIT ANTHROP ITEM KIDS EURO SPM	E
ABSTRACT				
Investigation of the possibilities for qualitative analysis in solving SPM with the over 300 teenagers in standard schools. Analysis of errors confirmed that the error can be seen as an alternative approach to problem solving and showed that standard (usual) errors are qualitatively close to correct solutions. Repetition of a part (vertically or horizontally) is an error typical of those of lower levels of performance. Argues that error analysis has diagnostic possibilities. [Text in Slovak: Summary in English]				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Flynn,J.R.				
TITLE				
Reaction times show that both Chinese and British children are more intelligent than one another.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
72		544-546	ANTHROP KIDS SPM CORR VALD RACE UK ASIA FLY	A
ABSTRACT				
Comparing performance of children from Hong Kong and from Britain on SPM and RT performance, it was found that British children were faster than Chinese on those RTs that correlated with IQ among Chinese, and vice versa. An explanation for this anomaly is offered, suggesting there are cultural differences in what SPM measures, or what RT measures, or both.				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Gudjonsson,G.H., & Petursson,H.				
TITLE				
Custodial interrogation: Why do suspects confess and how does it relate to their crime, attitude and personality?				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
12	3	295-306	MISC CRIM PERS SPM EURO FACT	
ABSTRACT				
In an investigation of the reasons why suspects confess to crimes at interrogation, various hypotheses were tested relating to age, intellectual level and personality variables. While it was expected that intelligence, as assessed by SPM, might be negatively correlated with readiness to confess, no such association was found. Ss were 74 convicted criminals in Finland.				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
JEFFERS,A.,FITZGERALD,M.				
TITLE				
An Epidemiological study of psychological adjustment, reading attainment and Intelligence of 2029 ten and eleven year old children in Dublin, a psychosocial study of 190 children and their mothers.				
JOURN_BOOK				
Health Research Board and the Eastern Health Board, Ireland.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			EDUC CLIN SPM KIDS THEO UK	E
ABSTRACT				
2029 fourth class primary school children were assessed for behavioural deviance, IQ and reading attainment. A high level of intelligence capacity was found with 15.5% of children performing above the 95th percentile. The theory of Brand is discussed as a possible explanation of this result. Brand suggests that higher personal liberalism and increasing levels of liberalism over the years could make for quick intuitive reasoning. The IQ gains noted by Flynn (1987) in 14 different countries are discussed.				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Kalimo,R. & Vuori,J.				
TITLE				
Work factors and health: The predictive role of pre-employment experiences				
JOURN_BOOK				
Journal of Occupational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
64	2	97-115	VOC ANTHROP EURO SPM	V.A.
ABSTRACT				
A longitudinal study of the effects of childhood home conditions and other factors on later job satisfaction and stresses. The impact of a number of variables including intellect, assessed with SPM, was analysed using LISREL. Low intellectual ability, poor self-esteem and deficient social conditions in childhood set constraints on the development of resources.				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Kaniel,S. and Fisherman,S.				
TITLE				
Level of performance and distribution of errors in the Progressive Matrices test: A comparison of Ethiopian immigrant and native Israeli adolescents.				
JOURN_BOOK				
International Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	1	25-33	ANTHROP RACE SPM KIDS ITEM ISRAEL EDUC	A.E.
ABSTRACT				
Israeli Jewish children were compared with Ethiopian Jewish children on SPM. Ethiopian Ss, with an average age of 14.7 years performed at a level comparable to the 9-10 yr old Israelis, and their error pattern also resembled those of the younger age group. It is suggested that the low performance of Ethiopian immigrants represents cognitive delay rather than cognitive difference.				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Kubinger,K.D. & Farkas,M.G.				
TITLE				
Die Braucharbeit der Normen von Papier-Bleistift-Tests für die Computer-Vorgabe: Ein Experiment am Beispiel der SPM von Raven als kritischer Beitrag				
JOURN_BOOK				
Zeitschrift für Differentielle und Diagnostische Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
12	4	257-266	SPM AUTO ANTHROP EURO CRIT ARMS	N
ABSTRACT				
Studied the applicability of norms for the original book version of SPM and for a computer-assisted version (German version of Kratzmeier and Horn). 156 Austrian male military recruits, ages 18-32, were given both forms either in group or individual mode, and several days later completed the Wiener Matrizen-Test, a language free test based on SPM. Results from the alternative administrations were compared and analysed in relation to the WMT [Text in German: English abstract]				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Kubinger,K.D., Formann,A.K. & Farkass,M.G.				
TITLE				
Psychometric shortcomings of Raven's Standard Progressive Matrices, in particular for computerized testing				
JOURN_BOOK				
European Review of Applied Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
41	4	295-300	CRIT KIDS PSAT EURO SPM AUTO ITEM	
ABSTRACT				
The German computerized version of SPM was compared to paper-and- pencil presentation to determine equivalence, using groups of children, psychiatric patients and government employees. Homogeneity of items was proofed, and an item bias found between the two forms. The computerized version led to score differences of up to 13 IQ points on average. [Abstract in French]				

MATRICES YEAR				
SPM		1991		
AUTHOR				
Lawler,K.A., Lacy,J., Armstead,C.A. & Lawler,J.E.				
TITLE				
Family history of hypertension, gender,and cardiovascular responsivity				
JOURN_BOOK				
Journal of Behavioral Medicine				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	2	169-186	CLIN PHYS SPM NOAM SIME MFSX	C
ABSTRACT				
In a study of hypertension and gender effects in relation to cardiovascular responses to stress, 123 Ss were monitored physiologically during rest, while performing a reaction time task, and responding to 8 SPM items presented in slide projected format with a 30 second time limit. Results are discussed in terms of reactivity levels.				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Lynn,R. & Shigehisa,T.				
TITLE				
Reaction times and intelligence: A comparison of Japanese and British children				
JOURN_BOOK				
Journal of Biosocial Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23	4	409-416	ANTHROP ASIA UK RACE SPM	A
ABSTRACT				
{Awaiting abstract}				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Lynn,R., Chan,J.W.C. & Eysenck,H.J.				
TITLE				
Reaction times and intelligence in Chinese and British children.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
72		443-452	ANTHROP EDUC CORR RACE SPM KIDS ASIA UK FACT V A.D.SIMF LYNN	A.E.
ABSTRACT				
239 British and 118 Chinese Hong Kong nine-year-old children, each representative for intelligence of Britain and Hong Kong, were tested on SPM and on reaction times (simple, complex, movement and variability). All RT measures correlated with SPM. Hong Kong children had a higher mean IQ and faster RTs than British children, suggesting the differences have a neurological basis. However, the British children showed faster movement times and lower variability scores, contrary to expectation. This suggest that independent neurological processes may underlie RT,MT and variability.				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Mamaichuk,I.I, Yakovlev,N.M. & Pyatakova,G.V.				
TITLE				
[Psychophysiological assessment of the adaptation to academic stress of adolescents with cerebral palsy]				
JOURN_BOOK				
Defektologiya				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2		22-26	ANTHROP EURO KIDS PHYS PERS SPM BRDM CLIN EDUC CORR RUSSIA	A.E.C.
ABSTRACT				
Assessed the impact of the stress of the school day on 45 Russian adolescents (aged 14-18) with cerebral palsy, and 20 normals. Cardiovascular functioning and regulation of mental load were measured. Tests included SPM, 16PF and the Rosensweig Picture- Frustration Test. [Text in Russian]				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Marjoribanks,K.				
TITLE				
Family environment and cognitive correlates of young adults' social status.				
JOURN_BOOK				
Journal of Biosocial Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23	4	491-498	EDUC VOC RACE SPM AUST	E.V.
ABSTRACT				
A longitudinal sample of 21 yr old Australians from Anglo- Australian, Greek and S.Italian families was used to examine relationships of children's cognitive performance (SPM), family learning environments, adolescents' perceptions of family learning contexts, and measures of young adults' social status attainment. Ethnic group differences were found. Raw regression weights for SPM with occupational attainment were, for Anglos .75, for Greeks .35 and for S.Italians .84.				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Marjoribanks,K.				
TITLE				
Family and school correlates of adolescents' aspirations: Ability-attitude group differences				
JOURN_BOOK				
European Journal of Psychology of Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	3	283-290	EDUC AUST SPM	E
ABSTRACT				
A study examining the proposition that relationships between perceptions of family and school environments and measures of educational and occupational aspirations, vary for adolescents with different levels of ability (SPM) and attitudes to school. The findings suggest that groups defined by ability and attitude characteristics may act as critical underlying contexts.				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Matczak,A.				
TITLE				
Wplyw zmodyfikowanych warunkow badania testowego na efektywnosc funkcjonowania dzieci refleksyjnych i impulsywnych (na przykladzie zadan Testu Matryc Raven)				
JOURN_BOOK				
Psychologia Wychowawcza				
VOLUME	SECTION	PAGES	CODES	INT_CODE
34	1	57-67	ANTHROP EURO SPM KIDS VALD EDUC PERS	A.E.
ABSTRACT				
Administered items from SPM according to standard instructions and with expanded information explaining the underlying principles involved in the problems. Responses of the Ss (Polish adolescents) were analyzed separately for reflective and for impulsive Ss. [Text in Polish: English and Russian abstracts]				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
McIntosh-Michaelis,S.A., Roberts,M.H., Wilkinson,S.M., Diamond,I.D., McLellan,D.L., Martin,J.P. and Spackman,A.J.				
TITLE				
The prevalence of cognitive impairment in a community survey of multiple sclerosis				
JOURN_BOOK				
British Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
30		334-348	CLIN BRDM WAIS NUSY PHYS UK CORR VALD	C
ABSTRACT				
A on-in-two alternate sample (N=200) from a population-based register of 411 people with MS was assessed by interview,and with a battery of neuropsychological tests. WAIS-R verbal scales were included and SPM for non-verbal level to offset physical limitations. When impairment on WAIS-R and SPM were considered without the requirement for impairment elsewhere on the battery, 25% of the MS group showed evidence of poor function, compared with 14% of controls. The correlation between assessed severity of MS and SPM was low but significant ($r = .2$)				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Mukerjee,M., Chatterji,S. and Gupta,R.				
TITLE				
Factors of prolonged deprivation, intelligence level and academic achievement				
JOURN_BOOK				
Psychological Studies				
VOLUME	SECTION	PAGES	CODES	INT_CODE
36	1	20-24	ANTHROP KIDS SPM ASIA EDUC	A.E.
ABSTRACT				
194 students, ages 14-18, completed SPM and the Prolonged Deprivation Scale, and three factors from this scale were related to SPM performance. Found that physical, economic and cultural deprivation are more damaging to cognitive development than emotional deprivation.				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Mulder,P.L.				
TITLE				
An investigation of the effects of level of acculturation on the performance of adult Hmong refugees on Raven's Standard Prgogressive Matrices and Bender-Gestalt Visual/Motor Test				
JOURN_BOOK				
Doctoral Dissertation: California School of Professional Psychology. Fresno.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
		pp 208	ANTHROP SPM NOAM ASIA CORR VALD FACT MFSX AGE	A
ABSTRACT				
Tested 106 adult Hmong refugees on SPM and Bender Gestalt Test, in relation to age, gender, length of residence in the US, educational history, language fluency and degree of acculturation. Procedures were conducted in the Hmong language, with group and individual administration. Results were factor analyzed, and correlations between variables calculated. Found that adult Hmong refugees reliably score below average on SPM, and validity of SPM for this population is questionable. Performance is vulnerable to the effects of early exposure to education, gender, and level of acculturation.				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Naglieri,J.A. & Welch,J.A.				
TITLE				
Use of Raven's and Naglieri's nonverbal matrix tests.				
JOURN_BOOK				
Journal of the American Deafness and Rehabilitation Association.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
24	3-4	98-103	EDUC CLIN PHYS DEAF SPM KIDS NOAM NORM CORR IQ TS	E.C.
ABSTRACT				
Compared differences between SPM (British and US norms) and the Matrix Analogies Test -Expanded Version (MAT-EF) with 34 hearing impaired students, mean age 13 yrs 7 mths. Results for the MAT-EF and SPM (US norms) were very similar, but both lower than the scores using British norms. MAT-EF correlated .79 with SPM.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1991		
<i>AUTHOR</i>				
Niaz,M. Suad-de-Nunez,G.				
<i>TITLE</i>				
The relationship of mobility-fixity to creativity formal reasoning and intelligence				
<i>JOURN_BOOK</i>				
Journal of Creative Behavior				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
25	34	205-217	ANTHROP SCAM STUD SPM EDUC PGET CORR RELI QQ	E.A.
<i>ABSTRACT</i>				
A study with Venezuelan students, testing out the relationship between mobility anf fixity of thought processes to tests of creativity and convergent thinking (SPM). It was concluded that students defined as 'fixed' perform better on tests of formal reasoning and intelligence, whereas 'mobile' students perform better on creativity tests. A relaibility coefficient of .67 was found for SPM.				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
O'Leary,U., Rusch,K.M. and Guastello,S.J.				
TITLE				
Estimated age-stratified WAIS-R IQs from scores on the Raven's Standard Progressive Matrices				
JOURN_BOOK				
Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
47	2	277-284	EDUC VALD CORR WAIS AGES NOAM PSAT MFSX SPM Q O	E
ABSTRACT				
A study designed to provide age-stratified estimates of WAIS-R performance based on SPM scores. High positive correlations between the tests occurred at all ages (.74 - .84) except for Ss over 65. Multiple regression indicated that the moderator variables of race as well as age must be used for the best predictions. Concludes SPM can be used for predicting WAIS-R FSIQ .				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Pati,P., & Dash,A.S.				
TITLE				
Effects of grade, sex and achievement levels on intelligence, incidental memory and Stroop scores.				
JOURN_BOOK				
Journal of Behavioral Medicine				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	2	169-186	ANTHROP ASIA KIDS SPM MFSX VALD EDUC	A.E.
ABSTRACT				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Raboch,J., Hynek,K. & Wernischova,M.				
TITLE				
Nektere biologicke a experimentalni markery sexualni agresivity [Some biological and experimental markers of sexual aggressiveness]				
JOURN_BOOK				
Ceskoslovenska Psychiatrie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
87	1	8-11	CLIN ANTHROP EURO SPM PSAT PHYS	A.C.
ABSTRACT				
Reports data on 40 men committed for sexual offences associated with varying degress of aggressiveness, in an attempt to predict future behavior. In addition to tests of orientation and sexual functioning, one of the Ss was adminisitered the SPM. [Text in Polish: English summary]				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Reddy,V.S., & Ramamurti,P.V.				
TITLE				
The relation between stress experience on the job-age, personality and general ability				
JOURN_BOOK				
Psychological Studies				
VOLUME	SECTION	PAGES	CODES	INT_CODE
36	2	87-95	ANTHROP SPM PERS AGES ASIA	A
ABSTRACT				
{Awaiting abstract}				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Richardson,K.				
TITLE				
Reasoning with Raven - in and out of context				
JOURN_BOOK				
British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
61		129-138	CRIT EDUC THEO UK SPM KIDS CORR	E
ABSTRACT				
A traditional view of reasoning is a set of mental processing powers that can be tapped and exemplified independently of content and context. 'Abstract' reasoning items such as those in SPM are considered ideal measures of such processes. A more recent view is that reasoning is recruited through the agency of representations (schemas) constructed in the course of experience, and which are brought to bear on current situations. The present study compared reasoning on 10 items from Set E of SPM with that on the same items translated into socially meaningful situations. Performance of 9-10-yr-olds (N=20) on the socio-cognitive items was much higher than on the standard SPM items, and				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Saarnio,P.				
TITLE				
Tutkimus alkoholistien oppimispotentiaalista [Measuring the learning potential of alcoholics]				
JOURN_BOOK				
Psykologia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	2	115-122	CLIN EURO ANTHROP SPM RFIE BRDM DRUG APM	C
ABSTRACT				
[Text in Finnish: English abstract] For an abstract in English, see Saarnio,P. (1992) "Measuring the learning potential of abstinent alcoholics.				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Saraev,S.Y. & Kozlov,V.P.				
TITLE				
[Age-related dynamics of mental functions in 7-12 year old deaf children based on psychological data]				
JOURN_BOOK				
Defektologiya				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1		43-48	ANTHROP EURO WISC SPM KIDS PHYS DEAF EDUC CLIN RUSSIA	A.E.C.
ABSTRACT				
WISC Performance and CPM were given to deaf children (ages (7-9) at the beginning of a study and again 3 yers later. Behavior of the children in and out of school was assessed in the inter-test interval. [Text in Russian]				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Schoenthaler,S.J., Amos,S.P., Eysenck,H.J., Peritz,E. & Yudkin,J.				
TITLE				
Controlled trial of vitamin-mineral supplementation: Effects on intelligence and performance.				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
12	4	351-362	EDUC PHYS KIDS WISC NOAM SPM	E
ABSTRACT				
615 schoolchildren in the US were examined on multiple measures of intelligence, randomly assigned to one of four treatment groups for 12 weeks, and post-tested on the same measures. One cohort received placebos while the other three were given different strength vitamin-mineral supplements, under blind conditions. Results showed that for non-verbal Wechsler tests there were highly significant improvements, but none for verbal tests.Other tests including SPM gave additional confirmation of the contribution of dietary supplements to the enhancement of performance on measures of 'fluid' ability.				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Shigehisa,T & Lynn,R.				
TITLE				
Reaction times and intelligence in Japanese children				
JOURN_BOOK				
International Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	2	195-202	ANTHROP ASIA SIME KIDS FACT CORR SPM	A
ABSTRACT				
Examined the relationship between RT and performance on SPM, with 12 measures of MT and DT, simple and complex RT. Eleven showed some relation with SPM. Factor analysis revealed a general factor and three primary factors. Only complex RT correlated significantly with SPM. [Text in English: French abstract]				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Smagala,L.				
TITLE				
Les attitudes critiques des auditeurs vis-a-vis de l'enseignant [Critical attitudes of students in regard to their teacher]				
JOURN_BOOK				
European Review of Applied Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
41	3	205-212	EDUC EURO STUD SPM ANTHROP	E.A
ABSTRACT				
A multidisciplinary study of Polish day and evening students examining the formation of critical attitudes in relation to teachers. Various measures of the impact of context were obtained and Ss were also assessed for intellectual level using SPM. [Text in French:Abstract in English]				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Sosnowski,T., Nurzynska,M. & Polec,M.				
TITLE				
Active-passive coping and skin-conductance and heart-rate changes				
JOURN_BOOK				
Psychophysiology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28	6	665-672	CLIN PHYS SPM EURO	C
ABSTRACT				
Sixty Ss were tested under various reinforcement conditions on 33 SPM problems, with Ss in pairs,one being active, the other passive. Heart rate was measured and results related to Gray's model of arousal.				

MATRICES YEAR				
SPM		1991		
AUTHOR				
Stevanac,P.J.				
TITLE				
[Intellectual development in cases with normal occlusion and malocclusions]				
JOURN_BOOK				
Bilten Udruzenja Ortodonata Jugoslavije				
VOLUME	SECTION	PAGES	CODES	INT_CODE
24	2	101-108	CLIN PHYS SPM EURO KIDS ANTHROP	A.C
ABSTRACT				
<p>Attempted to measure psychological maturity, using SPM, among two groups of orthodontic patients, 320 being orthognathous and 320 being dysgnathous. Equal numbers of boys and girls, aged 7-14 were tested. The two groups differed in level of maturity as assessed by SPM scores at a statistically significant level, but this was not clinically meaningful as the difference only represented two points. [Text in]</p>				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Styles,I.				
TITLE				
Clinical assessment and computerized testing				
JOURN_BOOK				
International Journal of Man-Machine studies				
VOLUME	SECTION	PAGES	CODES	INT_CODE
35	2	133-150	EDUC KIDS AUTO SPM AUST VALD APM	E
ABSTRACT				
Examines how children respond to computerized testing, including items from SPM and APM. Demonstrates the substantial potential effects of personal factors in computerized testing, and notes that, rather than not needing a trained psychologist to be present, such testing does require one as much as traditional modes. Conclusions based on observing 189 children (ages 9.5-15) responding to a computerized presentation on two occasions, six months apart.				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Todman,J., Crombie,I. & Elder,L.				
TITLE				
An individual difference test of the effect of vitamin supplement ation on non-verbal IQ				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
12	12	1333-1337	EDUC PHYS CORR IQTS SPM KIDS UK	E
ABSTRACT				
A replication study investigating whether vitamin and mineral supplementation affects non-verbal IQ performance of school children. Training sessions used Cattell Culture Fair Test and SPM among others, while outcomes were assessed using Calvert non-verbal test and AH4. No significant effects were found on any of the tests used.				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Yonghua,S.				
TITLE				
The report of using Raven's Standard Progressive Matrices in deaf children				
JOURN_BOOK				
Acta Psychologica Sinica				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23	1	107-112	ANTHROP ASIA SPM AGES PHYS VERB DEAF RELI VALD CORR EDUC CLIN NORM KIDS	A.E.C.
ABSTRACT				
A study using SPM to measure the ability of deaf children, using a sample from the school for deaf children in Hubei province in China. Students were aged 9 to 17. Found development with age, and deaf children's level was lower than that of normal children. No difference was found between the deaf with residual hearing and those with no hearing. The test was found to be reliable and valid in this context. Mean scores are presented for deaf and normal children, aged 9 - 17.				

MATRICES		YEAR		
SPM		1991		
AUTHOR				
Zhang,Y.				
TITLE				
Inspection time correlation with IQ in Chinese students				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
12	3	217-219	ANTHROP RACE STUD ASIA SPM SIME CORR VALD QQ	A
ABSTRACT				
A new paradigm of inspection time (IT) task, which employed a square stimulus for Ss to discriminate, was use to estimate IT scores of 40 Chinese students in Peking University. IT scores correlated as expected with SPM scores (r = -.713). After deleting six outliers the IT-IQ correlation was -.595.				

MATRICES YEAR				
SPM		1990		
AUTHOR				
Abreau,F., Templer,D.I., Schuyler,B.A., & Hutchison,H.T.				
TITLE				
Neuropsychological assessment of soccer players.				
JOURN_BOOK				
Neuropsychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	3	175-181	CLIN SPM NUSY BRDM CORR	C.
ABSTRACT				

MATRICES YEAR				
SPM		1990		
AUTHOR				
Aminov, N.A.				
TITLE				
Typical variants in professional self-determination among older students in pedagogics classes and their psychophysiologic correlates.				
JOURN_BOOK				
Novye Issledovaniya v Psikhologii i Vozrastnoi Fiziologii				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	3	51-54	EDUC STUD ANTHROP EURO PERS PHYS SPM IQTS VOC	V.E.A.
ABSTRACT				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Andry,R.G. & Chan,J.				
TITLE				
A Hong Kong pilot study of Raven's intelligence test scores among different groups of ex-offenders.				
JOURN_BOOK				
Paper presented to the 22nd International Congress of Applied Psychology, Kyoto, Japan.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			ANTHROP KIDS CRIM SPM ASIA CHAN	A
ABSTRACT				
The scores on SPM of 94 ex-offenders from Hong Kong rehabilitation settings were examined in relation to various demographic variables and compared with with those from a prior sample of 209 normal teenagers. The ex-offender group was significantly duller than the teenage sample.				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Berman,K.F. & Weinberger,D.R.				
TITLE				
Lateralisation of cortical function during cognitive tasks: regional cerebral blood flow studies of normal individuals and patients with schizophrenia				
JOURN_BOOK				
Journal of Neurology, Neurosurgery and Psychiatry				
VOLUME	SECTION	PAGES	CODES	INT_CODE
53	2	150-160	CLIN NUSY HEMI PSAT SPM VERB	C
ABSTRACT				
Assessed the cerebral activity of normal Ss and scizophrenics using regional cerebral blood flow while a battery of neuropsychological tests, including SPM, was completed. Those tasks requiring or allowing for internal verbalisation produced greatest activation of the left hemisphere.				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Carver,R.P.				
TITLE				
Intelligence and reading ability in grades 2-12.				
JOURN_BOOK				
Intelligence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	4	449-455	EDUC NOAM SPM KIDS CORR VALD AGES QQ	E.
ABSTRACT				
It has been hypothesized that the relationship between reading ability and intelligence - as measured by SPM - is small and insignificant, and that the relationship is greater in the upper grades of school. SPM and the National Reading Standards test were given to 486 students in Grades 2-12. Correlations between tests ranged from .40 - .60, with no trend indicating an increase in higher grades. It is suggested that SPM has a strong and consistent relationship to reading ability.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1990		
<i>AUTHOR</i>				
Cormier,P., Carlson,J.S. & Das,J.P.				
<i>TITLE</i>				
Planning ability and cognitve performance: The compensatory effects of a dynamic testing approach				
<i>JOURN_BOOK</i>				
Learning and Individual Differences				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
2	4	437-449	SPM NOAM	
<i>ABSTRACT</i>				
[Awaiting abstract]				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
De Diego Vallejo,R., & De Diego Vallejo,J.A.				
TITLE				
Antisociabilidad y trastornos psicomaticos. [Antisociability and psychosomatic disorders.]				
JOURN_BOOK				
Psiquis Revista de Psiquiatrica, Psicologia y Psicomatica				
VOLUME	SECTION	PAGES	CODES	INT_CODE
11	3	11-18	CLIN EURO ANTHROP PERS SCLS CRIM SPM PHYS	C.
ABSTRACT				
[Text in Spanish. English abstract.]				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1990		
<i>AUTHOR</i>				
Denney,N.W. & Heidrich,S.M.				
<i>TITLE</i>				
Training effects on Raven's Progressive Matrices in young, middle-aged and elderly adults.				
<i>JOURN_BOOK</i>				
Psychology and Aging				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
5	1	144-145	AGES SPM NOAM CLIN MFSX APM	C
<i>ABSTRACT</i>				
Young, middle-aged and elderly adults were given training on either figural relations or induction tasks using items from eitherAPM or SPM. Results showed that performance decreased with age, training significantly improved performance and the effects of training did not differ as a function of age or sex of Ss.				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Guardaldi,G.P., Venuta,M., Orlandi,E., Ghelfi,G., Et al.				
TITLE				
Una metodica per lo studio dell'immagine del corpo in psicomatrica infantile. [A method for studying body image in psychosomatic children.]				
JOURN_BOOK				
Eta Evolutiva				
VOLUME	SECTION	PAGES	CODES	INT_CODE
35		85-96	CLIN KIDS PHYS NUSY SPM PERS EURO	C.
ABSTRACT				

MATRICES YEAR				
SPM		1990		
AUTHOR				
Israel,D.A. & Melamed,L.E.				
TITLE				
The role of memory on performance on Raven's Progressive Matrices.				
JOURN_BOOK				
Paper to the 98th Annual Convention of the A.P.A., Boston.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			CRIT STUD NOAM FACT CORR VALD SPM	
ABSTRACT				
A study with right handed male undergraduates using SPM and a battery of memory and visual-spatial measures to analyze SPM in terms of major cognitive skills required for item solution. Step-wise multiple regression was used to predict SPM scores and linear discriminant analysis of high and low scores. Results indicate that working memory contributes significantly; factors related to organization and sequencing of visual stimuli were the most powerful predictors of SPM performance, and useful in discriminating between high and low scores.				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
James,P.				
TITLE				
Nonverbal intelligence: A comparison between hearing impaired and hearing adult education students				
JOURN_BOOK				
Indian Journal of Behaviour				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	1	23-30	PHYS DEAF VOC STUD CLIN SPM EDUC NOAM	C.V.
ABSTRACT				
Seventy four hearing imapiored and hearing adults at vocational educational colleges in Nova Scotia and New Brunswick completed SPM. While both groups scored within the normal range of ability, the hearing group performed at the upper end of the range, while the hearing imapiored were at the lower end, separated by 1 SD.				

MATRICES YEAR				
SPM	1990			
AUTHOR				
Kage,M.				
TITLE				
Effects of evaluation-subject and evaluation-standard on intrinsic motivation.				
JOURN_BOOK				
Japanese Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
38	4	428-437	ANTHROP ASIA EDUC STUD SPM	A.E.
ABSTRACT				
[Text in Japanese: English abstract]				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Leung,J., & Choi,C.				
TITLE				
Hearing-impaired children in public schools: A comparison.				
JOURN_BOOK				
Bulletin of the Hong Kong Psychological Society				
VOLUME	SECTION	PAGES	CODES	INT_CODE
25		27-40	ANTHROP EDUC KIDS ASIA DEAF PHYS CLIN SPM	A.E.C.
ABSTRACT				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Lis,A., & Tallandini,M.				
TITLE				
La scala del pensiero logico di Longeot: Una analisi iniziale delle prove. [Longeot's logical thought scale: An initial analysis of the proofs.]				
JOURN_BOOK				
Ricerche di Psicologia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	2	121-148	EDUC KIDS EURO WISC WAIS SPM ANTRHOP	A.E.
ABSTRACT				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Lueng,J. & Choi,C.				
TITLE				
Hearing-impaired children in public schools: A comparison				
JOURN_BOOK				
Bulletin of the Hong Kong Psychological Society				
VOLUME	SECTION	PAGES	CODES	INT_CODE
24	25	27-40	ANTHROP EDUC KIDS ASIA DEAF PHYS CLIN SPM	A.E.C.
ABSTRACT				
{Awaiting abstract}				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Lynn,R.				
TITLE				
The role of nutrition in secular increases in intelligence.				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
11	3	273-285	SPM PHYS ANTHROP CORR EURO THEO IQTS EDUC LYN NL	A.
ABSTRACT				
Intelligence scores have been shown to increase by about 1 S.D. over the last half century in several economically developed nations, and it is argued that nutrition is a major causal factor. Data from several countries, using various intellectual measures are collated, including Belgian and French data on SPM.				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Lynn,R. & Holmshaw,M.				
TITLE				
Black-White differences in reaction times and intelligence				
JOURN_BOOK				
Social Behavior and Personality				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	2	299-208	ANTHROP RACE AFRICA UK KIDS SIME SPM	A
ABSTRACT				
{Awaiting abstract}				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Marjoribanks,K.				
TITLE				
Sibling variable correlates of children's academic achievement: Family-group differences.				
JOURN_BOOK				
Psychological Reports				
VOLUME	SECTION	PAGES	CODES	INT_CODE
67	1	147-154	EDUC KIDS AUST SPM CORR VALD SCLS	E.
ABSTRACT				
A study of the relationships between sibling variables, intellectual ability (SPM) and academic achievement for children from different Australian family environments. Data were obtained from 900 11yr olds and their parents. Regression weights are presented for ability and sibling variables on academic achievement, and from these regression surfaces were plotted.				

MATRICES YEAR				
SPM		1990		
AUTHOR				
Matczak,A. & Galinska,D.				
TITLE				
Wplyw presji czasowej na wykonanie przez dzieci zadani testu Ravena [Effect of time pressure on children's performance on RPM]				
JOURN_BOOK				
Psychologia Wychowawcza				
VOLUME	SECTION	PAGES	CODES	INT_CODE
33	3	150-160	EDUC TIME ANTHROP EURO ?SPM	A.E.
ABSTRACT				
{Awaiting abstract}				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Matova,M.A.				
TITLE				
Individual-typical peculiarities of adolescents with different degrees of academic success.				
JOURN_BOOK				
Novye Issledovaniya v Psikhologii i Vosrastnoi Fiziologii				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	4	24-29.	ANTHROP EURO CLIN WISC PERS SPM HEMI NUSY	A.C.
ABSTRACT				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Morales de Barbenza,C., & Sans de Uhrland,M.				
TITLE				
Estilos cognitivos, capacidad intelectual y personalidad. [Cognitive styles, intellectual capacity, and personality.]				
JOURN_BOOK				
Arquivos Brasileiros de Psicologia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
42	3	134-142.	SCAM PERS SPM ANTHROP	A.
ABSTRACT				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Necka,E., Stocki,R. and Wolski,P.				
TITLE				
How does a knight know which frog is to be kissed?: Intelligence, creativity, and analogical reasoning with metaphorical and odd concepts.				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
11	2	101-113	ANTHROP EDUC KIDS EURO TIME SPM	A.E.
ABSTRACT				
SPM and the Creative Thinking Test were given to 99 grade 7 Polish students, (45 male, 54 female). SPM was given with a 20 minute time limit. It is concluded that intelligence level determine's one's appropriate, though not necessarily quick adaptation to novel situations, provided the novel information is contextually relevant.				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Neubauer,A.C.				
TITLE				
Selective reaction times and intelligence				
JOURN_BOOK				
Intelligence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	1	79-96	MISC SIME SPM STUD EURO CORR	
ABSTRACT				
The relationship between APM and two selective RT tasks was determined with 81 university students. Results are generally in line with those for the Hick paradigm, but some surprising findings emerged. Movement times correlated better with APM than RTs. An explanation for this was tested and found to be adequate. The size of the slope-IQ correlations was found to be dependent on the fit of the slope to Hick's Law.				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Neubauer,A.C.				
TITLE				
Speed of information processing in the Hick paradigm and response latencies in a psychometric intelligence test.				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
11	2	147-152.	STUD SIME SPM EURO	
ABSTRACT				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Nikolic,M.				
TITLE				
Psihicke smetnje kod djece skolskog uzrasta lisene roditeljske ljubavi i odgoja. [Psychic disturbances of school children deprived of parental love and education.]				
JOURN_BOOK				
Socijalna Psihijatrija				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	3	191-218.	CLIN ANTHROP KIDS PSAT PERS SPM	C.
ABSTRACT				
English abstract.				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Nunez-Pena,J., Gil-Martinez,C., & Garrido-Genoves,V.				
TITLE				
Las variables de personalidad de Eysenck y su relacion con otras variables criminologicas.				
JOURN_BOOK				
Delincuencia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	3	293-310.	ANTHROP EURO COM PERS SPM CORR	A.
ABSTRACT				
English abstract.				

MATRICES YEAR				
SPM		1990		
AUTHOR				
Piyusnin,Y.M., & Putilov,A.A.				
TITLE				
Biorhythmic correlates of personality traits.				
JOURN_BOOK				
Soviet Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
11	6	18-21.	PERS EURO SPM CLIN	C.
ABSTRACT				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Proviznakova,H., Stu-Lerova,N., Provaznik,K. & Hyncica,V.				
TITLE				
Vliv studijinich a zivotnich podminek na zdravotni stav a studijni uspechy vysokoskolaku [The influence of study and life conditions on health and study achievement of high schoolers]				
JOURN_BOOK				
Psychologia a Patopsychologia Dietata				
VOLUME	SECTION	PAGES	CODES	INT_CODE
25	6	501-511	ANTHROP EDUC STUD EURO PERS SPM	A.E.
ABSTRACT				
{Awaiting abstract}		[Abstracts in Russian and English]		

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Robinson,A., Bradley,R.H. & Stanley,T.D.				
TITLE				
Opportunity to achieve: Identifying mathematically gifted Black students				
JOURN_BOOK				
Contemporary Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15	1	1-12	EDUC RACE SPM CORR NOAM KIDS SLCT	E
ABSTRACT				
A study of ethnic differences in performance among 78 elementary age students (22 black,56 white) who participated in a special program for mathematically talented children and 185 program alternates (40 black, 140 white,3 other). Statistically significant differences favoring whites were noted on the STEP test and SPM used as entry (selection) criteria for the total group and only for SPM among program participants. The data provide evidence that the entry level math skills of talented black and white students selected for the program do not differ statistically and calls into question the overreliance on SPM as culture fair.				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Ruser,I.				
TITLE				
Klinische und testpsychologische Untersuchungen zur Psycho- pathologie der Epilepsien. [Clinical and test psychological investigations into the psychopathology of epilepsy.]				
JOURN_BOOK				
Psychiatrie, Neurologie und Medizinische Psychlogie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
42	7	394-405.	CLIN EURO PHYS BRDM SPM WISC CORR	C.
ABSTRACT				
Text in German. Abstracts in English and Russian.				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Sabhesan,S., Bhaskar,S. & Natarajan,N.				
TITLE				
Hypoactive delirium following head injury				
JOURN_BOOK				
Indian Journal of Psychological Medicine				
VOLUME	SECTION	PAGES	CODES	INT_CODE
13	1	57-62	CLIN PHYS BRDM ASIA NUSY SPM ANTHROP	A.C.
ABSTRACT				
{Awaiting abstract}				

MATRICES YEAR				
SPM		1990		
AUTHOR				
Sanchez,M.				
TITLE				
Computerized adaptive implementation of the Raven Progressive Matrices				
JOURN_BOOK				
Unpublished Doctoral dissertation, University of Texas at Austin				
VOLUME	SECTION	PAGES	CODES	INT_CODE
		pp. 154	AUTO SPM NOAM	
ABSTRACT				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Schiopu,U.				
TITLE				
Decupaje in structurile operationale ale personalitatii. [Operational structures of the personality.]				
JOURN_BOOK				
Revista de Psihologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
36	3-4	231-243.	EDUC KIDS SPM ANTHROP EURO	E.A.
ABSTRACT				
English abstract.				

MATRICES		YEAR		
SPM		1990		
AUTHOR				
Taylor,R.L. & Richards,S.B.				
TITLE				
Validity of the Estimated Learning Potential and other measures of learning potential				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
71	1	225-229	EDUC RFIE NOAM KIDS VALD SPM	E
ABSTRACT				
{Awaiting abstract}				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1990		
<i>AUTHOR</i>				
Vandamme,F.E.				
<i>TITLE</i>				
The relationship between age and academic achievement in technical college students.				
<i>JOURN_BOOK</i>				
Masters thesis.				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
			EDUC SPM STUD AGES AUST	E
<i>ABSTRACT</i>				
Investigated the relationship between age and academic achievement among adolescent and adult students at a technical college. Measures included the SPM. Overall results indicated that age, ability, previous education and self-ideal congruence significantly predicted success in the English, mathematics and science examinations.				

<i>MATRICES</i>					<i>YEAR</i>
SPM					1990
<i>AUTHOR</i>					
Vodegel Matzen,L., Dudink,A. & Van Der Molen,M.					
<i>TITLE</i>					
Testing eductive reasoning ability with abstract or pictorial test material.					
<i>JOURN_BOOK</i>					
Paper presented to the 23rd International Congress of Applied Psychology, Madrid, July					
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>		<i>INT_CODE</i>
			VARI EURO KIDS EDUC SPM		E
<i>ABSTRACT</i>					
Reports the development of alternatives to SPM, creating a Pictorial Progressive Matrices together with a parallel Figural Progressive Matrices. Children were tested on both versions. Results suggest that the pictorial version has a facilitating effect on children finding correspondences within the matrices.					

MATRICES		YEAR		
SPM		1989		
AUTHOR				
Anderson,B.O., Sun,J.H., Moore,E.E., Thompson,L.L., Harkin,H. & Bartle,E.J.				
TITLE				
The development and evaluation of a clinical test of surgical resident proficiency.				
JOURN_BOOK				
Surgery				
VOLUME	SECTION	PAGES	CODES	INT_CODE
106	2	347-352	VOC STUD ?SPM SLCT	V
ABSTRACT				
Describes a study attempting to improve selection criteria for medical residents. Performance of a diagnostic procedure was compared with a range of neuropsychological and psychological tests including ?SPM. Cumulative scores were subjected to multiple regression. SPM did not contribute significantly.				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
Annett,M. & Manning,M.				
TITLE				
The disadvantages of dextrality for intelligence.				
JOURN_BOOK				
British Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
80		213-226	EDUC UK KIDS HEMI SPM NUSY	E
ABSTRACT				
Samples of children from six primary schools were tested for handedness, and given SPM. Educational tests scores from three schools were available. When classified for R-L score, the most strongly dextral children were poorer than all others for SPM, English and several other tests. Findings are discussed in relation to theories of hemisphere specialization.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1989		
<i>AUTHOR</i>				
Beerman,R.C.				
<i>TITLE</i>				
Een culture-faire test? Een onderzoek naar de diagnostische waarde van de Raven-SPM voor kinderen met verschillende sociale en culturele achtergronden				
<i>JOURN_BOOK</i>				
Unpublished Master's thesis. University of Amsterdam, The Netherlands.				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
			EURO SPM KIDS SCLS RACE ANTHROP	A
<i>ABSTRACT</i>				
An investigation into the diagnostic value of SPM for children with different socio-economic and cultural backgrounds.				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
Buckhalt,J.A., Denes,G.E. & Stratton,S.P.				
TITLE				
Validity of the British Ability Scales Short-Form for a sample of US students.				
JOURN_BOOK				
School Psychology International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10	3	185-191	EDUC NOAM VALD KIDS RACE IQTS CORR SPM ANTHRO PMESY 00	E
ABSTRACT				
A short form of the British Ability Scales was used to validate the BAS, using 121 6th and 7th grade students, 41 Black and 80 White. Scores were intercorrelated with performance on SPM and the Otis-Lennon School Ability Test. No significant sex differences were found on any test. Racial differences were found but were least for SPM. Correlations are reported, with SPM and BAS Matrices of .69.[BAS in England is published as Differential Ability Scales in the US].				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1989		
<i>AUTHOR</i>				
De Lemos,M.M.				
<i>TITLE</i>				
<i>JOURN_BOOK</i>				
Standard Progressive Matrices: Australian Manual Hawthorn,Vic. Australian Council for Educational Research.				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
		63pp.	NORM KIDS AUST SPM MFSX TIME	N
<i>ABSTRACT</i>				
A manual providing normative data for Australian subjects,aged 8 to 17 years. Separate information is provided for boys and girls. Timed and untimed norms are presented. These restandardisation data were collected in 1986.				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
De Lemos,M.M.				
TITLE				
Effects of relative age within grade: implications for the use of age-based norms for group tests of general ability.				
JOURN_BOOK				
Bulletin of the International Test Commission				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28		21-44	SPM EDUC KIDS AGES NORM AUST	E.N.
ABSTRACT				
Based on norming studies of several tests for Australian children, including SPM, it is argued that grade level rather than age is the appropriate basis for constructing normative studies. [Summary in French]				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
De Lemos,M.M.				
TITLE				
The Australian re-standardisation of the Standard Progressive Matrices.				
JOURN_BOOK				
Psychological Test Bulletin.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	2	17-24	ANTHROP AUST SPM NORM KIDS EDUC TIME MFSX IQTS CORR VALD SCLS 00	A.E.N.
ABSTRACT				
Reports a restandardisation conducted in 1986 in Australian schools, and compares results with 1955 norms. Timed and untimed administrations were undertaken. No sex differences were found. Effects were found for language background, with those from a non -English speaking home scoring lower. SES was positively correlated with SPM scores. Scores on the timed version of the test correlated more highly with other tests than the untimed version, and most highly with the Jenkins Nonverbal Test (.7 or higher)				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
Fish,J.M., Serrat,S.M., & Elias,M.E.T.				
TITLE				
Thalidomide adolescents and preadolescents in Brazil.				
JOURN_BOOK				
In L.L. Adler (Ed.), Cross-cultural research in human development Life span perspectives. New York: Praeger				
VOLUME	SECTION	PAGES	CODES	INT_CODE
	9	85-92	ANTHROP CLIN KIDS SCAM SPM WAIS WISC CORR PHYS EDUC	A.C.E.
ABSTRACT				
Describes the testing of 22 Thalidomide teeneagers (mean age 13.6 yrs) and controls on WAIS,WISC, SPM and motor tasks. No evidence of intellectual impairment was found in the clinical subjects, nor was there a correlation between severity of impairment and performance on SPM.				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
Flynn,J.R.				
TITLE				
Rushton,evolution and race: An essay on intelligence and virtue				
JOURN_BOOK				
The Psychologist				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9		363-366	ANTHROP THEO CRIT RACE IQTS SPM FLY	A
ABSTRACT				
Discussion of trends through time and across countries leading to a critique of intelligence levels across races. Questions whether IQ tests can be used as valid measures for establishing differences in intellectual level across racial groups.				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
Flynn,J.R.				
TITLE				
Chinese Americans: Evidence that IQ tests cannot compare ethnic groups.				
JOURN_BOOK				
Bulletin of the International Test Commission				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28		8-20	SPM ANTHROP RACE NOAM ASIA FLY	A.
ABSTRACT				
[Summary in French]				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
Jakubaschk,J. & Kopp,W.				
TITLE				
On characterizing new psychiatric long-stay patients				
JOURN_BOOK				
Social Psychiatry and Psychiatric Epidemiology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
24	2	88-95	CLIN PSAT SPM EURO	C
ABSTRACT				
Long-stay psychiatric patients were assessed on admission with a range of tests, including SPM, and compared with a random group of hospital patients as a control. New long-stay patients were found to differ from the controls in diagnosis, symptoms and inadequate behavior, as well as education, IQ and social status.				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
Jennekens-Schinkel,A., vander-Velde,E.A., Sanders,E.A. & Lanser,J.B.				
TITLE				
Visuospatial problem solving, conceptual reasoning and sorting behaviour in multiple sclerosis out-patients				
JOURN_BOOK				
Journal of the Neurological Sciences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
90	2	187-201	CLIN PHYS SPM NUSY EURO	C
ABSTRACT				
Patients with probable and definite MS were assessed on visuospatial problem solving, conceptual reasoning and shifting of set using neuropsychological tests, including SPM. No significant differences were found between MS patients and a group of healthy controls.				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
Koster,D. and Brugman,G.				
TITLE				
Learning-disabled children and normally-achieving children solve visuo-spatial problems.				
JOURN_BOOK				
European Journal of Special Needs Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	2	130-144	EDUC ITEM KIDS BRDM AGES SPM EURO RFIE	E
ABSTRACT				
Studied the information-processing abilities of normal and learning-disabled children, ages 9 - 11. SPM was included as a visuo-spatial task and as a covariate measure to assess the effect of intellectual level on performance. It was found that, in comparison with normals, the LD children experienced more difficulty on the SPM, especially with items in which two dimensions were altered and with items in which a pattern has to be changed. [Text in English:Summaries in French, German and Spanish]				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
Koster,D. and Brugman,G.				
TITLE				
Learning-disabled children and normally-achieving children solve visuo-spatial problems.				
JOURN_BOOK				
European Journal of Special Needs Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	2		EDUC SPM KIDS EURO BRDM FEUR	E
ABSTRACT				
Compares the performance of 40 normal students with 40 learning-disabled students, aged 9-11, on the Children's Embedded Figures Test and SPM. Quantitative and qualitative interpretations of differences are offered.				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
Mazzuero,G., Zotti,A.M., Bertolotti,G. & Tavazzi,L.				
TITLE				
Hemodynamic response to different types of mental stress in patients with recent myocardial infarction				
JOURN_BOOK				
Japanese Heart Journal				
VOLUME	SECTION	PAGES	CODES	INT_CODE
30	1	35-46	EURO CLIN PHYS	C
ABSTRACT				
A study of the effects of mental stress on 24 male patients with recent myocardial infarcts. Four stressors were presented - mental arithmetic, Sacks Test, SPM and white noise. All hemodynamic measures of functioning were affected by the tasks, indicating that experimentally induced stress challenges recently infarcted patients' cardiovascular system. The nature of the response differed according to the type of stressor employed.				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
Nagoshi,C.T., Johnson,R.C. and Honbo,K.A.M.				
TITLE				
Familial resemblances for cognitive abilities profiles of Caucasian and Japanese Americans				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10	1	127-129	ANTHROP GENET RACE NOAM FACT SPM	A
ABSTRACT				
A battery of 15 tests, including a version of SPM, was administered to Americans of European ancestry and Americans of Japanese ancestry in the Hawaii Family Study of Cognition. Spouse, parent-offspring, and sibling resemblances on the difference scores were all as high or higher than the familial resemblances for the separate abilities factors.				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
Ohri,R. and Malhotra,D.				
TITLE				
Problem solving as a function of fear of success induced motivation and residential background among university women.				
JOURN_BOOK				
Psychologia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
32		269-274	ANTHROP PERS ASIA SPM	A
ABSTRACT				
A study of performance on problem solving tasks in relation to fear of success among Indian women. All Ss were located between the 55th and 95th percentiles, based on SPM performance.				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
Raven,J.				
TITLE				
Questionable assumptions in test construction.				
JOURN_BOOK				
Bulletin of the International Test Commission				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28		67-95	SPM NORM THEO AGES KIDS CRIT UK JRAV	
ABSTRACT				
[Summary in French]				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
Reid,N., & Gilmore,.A.				
TITLE				
The Raven's Standard Progressive Matrices in New Zealand.				
JOURN_BOOK				
Psychological Test Bulletin				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	2	25-35	EDUC ANTHROP CRIT NORM KIDS AGES RACE TIME SPM AUST OO	E.A.
ABSTRACT				
Reports a renorming study for N.Z., with a pilot study followed by a main study with school students,ages 8 to 16 years. Compares timed with untimed performance as well as ethnic differences. Data are compared with earlier norms (showing an increase) as well as data from Australia and the U.K.				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
Russ,M. & Fischer,P.A.				
TITLE				
Reaktionszeit und Aufgabenkomplexitat:Der Komplexitatseffekt als ein neuropsychologischer Indikator fur den Schweregrad der zere- bralen Beeintrachtigung.[Reaction time and level of task complexity]				
JOURN_BOOK				
ty] Zeitschrift fur Differentielle und Diagnostische Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10	3	145-153	CLIN ANTHROP SIME NUSY EURO BRDM IQTS SPM CORR	C.A.
ABSTRACT				
Investigated the relationship between RT, level of task complexity, SPM, the Multiple Choice Vocabulary Intelligence Tes and Scale of Well-Being, with German adults with and without brain damage. Relationships were analysed with ANOVA.				

MATRICES	YEAR			
SPM	1989			
AUTHOR				
Secord,R.				
TITLE				
A comparison of male and female achievement and developmental stage is spelling.				
JOURN_BOOK				
Thesis (M.Ed.), University of Alberta, Canada.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			EDUC SPM KIDS MFSX NOAM	E
ABSTRACT				
Compared male and female achievement and developmental stage is spelling involving 139 children in grades 1-4. The SPM were administered and teacher ratings of reading ability were carried out. Results showed no evidence of a lag among young boys in either spelling achievement or developmental spelling stage.				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
Smith,H.W.				
TITLE				
Group versus individual problem solving and type of problem solved				
JOURN_BOOK				
Small Group Behavior				
VOLUME	SECTION	PAGES	CODES	INT_CODE
20	3	357-366	EDUC STUD NOAM SPM	E
ABSTRACT				
A summary of 10 years of research on the effects of disjunctive versus conjunctive and multi-stage versus single-stage problem solving in a classroom setting. Group participation has a demonstrable effect on individuals. Those working a group were less likely to drop out, and gave higher subjective ratings of motivation to learn. In two classes, students who worked in groups (N=42) performed better (75th percentile) on SPM than those who had worked alone (N=24), whose mean was at the 60th percentile. Report does not indicate whether groups were matched prior to the interventions.				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
Southwestern Bell Telephone Company				
TITLE				
A concurrent validation study predicting job performance with Raven's Progressive Matrices.				
JOURN_BOOK				
Technical Report				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			SPM VALD VOC CORR AGES RACE MFSX NOAM QQ	V
ABSTRACT				
SPM was included in a battery of tests in a concurrent validation study to predict job performance for two nonmanagement sales positions. The sample consisted of 93 incumbents from 5 States, averaging 15.8 years with the company. SPM successfully predicted supervisor ratings on three criteria - overall job performance (r=.22);interpersonal performance (r=.25); and administrative/problem solving (r=.28). There were significant mean score differences on SPM for those over and under age 40, with under-40s scoring higher. No significant sex or racial differences were found.				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
Tanzy,K.S., Drebing,C.E., Stewart,J.C., Murdock,G.A.,Takushi,R.Y & Majovski,L.V.				
TITLE				
Raven's Standard Progressive Matrices Short Form: Validity study with a neurologically impaired population.				
JOURN_BOOK				
Paper presented to Western Psychological Association				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CLIN BRDM SPM VALD MFSX AGES CORR NOAM	C
ABSTRACT				
Studies the validity of a short form of SPM (see Wytek et al., 1984) with a neurologically impaired population. Data from 43 Ss referred for neuropsychological assessment was analyzed and related to age, education and sex. The short form correlated .97 with the standard form, suggesting it can be used as a brief, reliable estimate of non-verbal intellectual functioning in the neurologically impaired and is suitable for use in a rehabilitation setting. Age was negatively correlated (-.20) and sex was positively correlated (.21), with men performing better, with the latter interpreted as a chance finding.				

MATRICES		YEAR		
SPM		1989		
AUTHOR				
Zhang,Hou-Can & Wang, Xiao-Ping				
TITLE				
Chinese standardisation of Raven's Standard Progressive Matrices.				
JOURN_BOOK				
Psychological Test Bulletin				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	2	36-39	ANTHROP ASIA NORM ITEM RELI VALD MFSX AGES TIME 00	A.N.
ABSTRACT				
Describes the introduction of SPM into China, and a major normative study involving collaboration by many universities and colleges. Data were collected on the age range 5.5 - 70, in urban areas, on 5,108 Ss. Item analyses were undertaken. Split-half reliability was .95, and retest reliability .82 after 15 days, or .79 after 30 days (using small groups). With 45 Ss, SPM was compared with WISC-R, with a correlation of .71. Almost no sex differences were found, save at four ages. At 10.5 and at 40,the differences are interpreted as puberty and menopause effects. Mean score rose with age to 18, declined slowly to 40 then more sharply, with both timed (20 min) and untimed versions. Norms				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Abdel-Khalek,A.				
TITLE				
Egyptian results on the Standard Progressive Matrices.				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	1	193-195	ANTHROP STUD FACT RELI VALD CRIT AFRICA NORM CO PP MESY IOTS SPM 00	A
ABSTRACT				
Data from 205 male and 247 female students in Egypt are reported. SPM and four scales of Thurstone's PMA were administered. Retest reliability for SPM after one week for 60 Ss was .82. Internal consistencies for the five sets of SPM ranged from .30 to .67. SPM had a factor loading on 'g' of .77. The mean score for males was 44.2 and for females was 40.8, this difference being significant. Positive correlations were also found with PMA subtests. The test is deemed suitable for the Egyptian context.				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Alberoni,M., Della Sala,S., Pasetti,C. & Spinnler,H.				
TITLE				
Problem solving ability of Parkinsonians				
JOURN_BOOK				
Italian Journal of Neurological Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9		35-40	CLIN BRDM PHYS NUSY EURO SPM	C
ABSTRACT				
Tested a hypothesis that cognitive deficits in nondemented and nondepressed Parkinsonians might be due to a bilateral nigrostriatal disorder causing motor slowing, using 26 mildly disabled patents. Selection of suitable patients was made using SPM (Sets A,B,C,D), and the experimental measure was the London Towers Test. The hypothesis was not supported.				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Chan,J.W.C. & Vernon,P.E.				
TITLE				
Individual differences among the peoples of China.				
JOURN_BOOK				
Chap 13 In S.H.Irvine and J.W.Berry (Eds) Human Abilities in Cultural Context Cambridge: Cambridge U.P.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
		340-357	ANTHROP ASIA MFSX KIDS RACE CORR SPM	A
ABSTRACT				
Summarises the published literature on various testing programmes in the countries of Asia where Chinese live, and compares with some studies from North America. SPM receives frequent reference.				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Chen,M.J. & Chen,H-C.				
TITLE				
Concepts of intelligence: A comparison of Chinese graduates from Chinese and English schools in Hong Kong.				
JOURN_BOOK				
International Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23	-	471-487	ANTHROP EDUC STUD IQTS SBIT WAIS WISC CORR FACT SPM ASIA	A.E.
ABSTRACT				
Examined the intellectual functioning of two groups of students closely matched for age achievement and racial background, but with one group graduating from the English system and one from Chinese system in Hong Kong. Of 243 undergraduates, 70 came from Chinese secondary schools and 173 from English schools. Twenty- six items were given from WAIS,WISC,Stanford-Binet and SPM. Relevance and difficulty ratings were determined, and results factor-analysed. Results indicate that both groups hold similar concepts of intelligence in terms of the underlying structure of skills involved, but with a stronger emphasis on verbal reasoning and social skills among the English school				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Chen,M.J., Holman,J. Francis-Jones,N. & Burmester,L.				
TITLE				
Concepts of intelligence of primary school, high school and college students.				
JOURN_BOOK				
British Journal of Developmental Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	1	71-82	ANTHROP KIDS STUD WISC SBIT SPM CORR AGES EDUC ASIA WAIS	A.E.
ABSTRACT				
Three groups of 114 Ss each from primary school, high school and college were asked to rate 26 intelligence test items chosen from the WISC-R,S-B, WAIS-R and SPM. Correlations of relevance ratings with perceived difficulty were negligible. Three types of skill were identified- nonverbal reasoning, verbal reasoning and retrieval of information.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1988		
<i>AUTHOR</i>				
Das,J.P. & Khurana,A.K.S.				
<i>TITLE</i>				
Caste and cognitive processes				
<i>JOURN_BOOK</i>				
Chap 18 In S.H.Irvine and J.W.Berry (Eds) Human Abilities in Cultural Context Cambridge: Cambridge U.P.				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
		487-508	ANTHROP ASIA SISU SCLS RACE SPM DAS	A
<i>ABSTRACT</i>				
Summarises Indian studies of caste and abilities, including many using SPM, to explore the significance of this variable of social class in the study of individual differences.				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Fitz-Gibbon,C.T., Hazelwood,R.D., Tymms,P.B. & McCabe,J.J.C.				
TITLE				
Performance indicators and the TVEI pilot.				
JOURN_BOOK				
Evaluation and Research in Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	2	49-60	SPM VOC NOAM	V
ABSTRACT				
Following an earlier paper showing that students in the Technical and Vocational Educational Initiative (TVEI) perceived their experiences differently from non-TVEI students, the same questionnaires were used to collect data on attitudes to TVEI. SPM and exam data were also collected. The performance indicators were not favourable to to TVEI students who had slightly fewer qualifications and lower grades on the exams they took. Attitudes were little affected.				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Frivik,T.				
TITLE				
Norske Normer for Raven Standard				
JOURN_BOOK				
Personal Communication				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			ANTHROP SPM NORM AGES CORR EURO QQ	A.V
ABSTRACT				
Reports on results of testing a large sample of clients who presented for counselling with a vocational psychologist in the period 1974-79. Ages of the sample ranged from 16-60 and norms are reported by age groups, together with some correlational data SPM was used. A supplementary table reports further data on three groups tested in Oslo in 1981.				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Hazelwood,R.D., Fitz-Gibbon,C. & McCabe,C.				
TITLE				
Student perception of teaching and learning styles in TVEI.				
JOURN_BOOK				
Evaluation in Research in Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	2	61-66	VOC STUD SPM UK	V
ABSTRACT				
Astudy of the effectiveness of the Technical and Vocational Education Initiative, with over 2000 students from 27 schools. Pre and post assessments of TVEI and traditional methods was undertaken, with SPM serving as the pre-treatment ability measure.				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Josiassen,R.C., Shagass,C., Roemer,R.A. and Slepner,S.				
TITLE				
Evoked potential correlates of intelligence in non-patient subjects.				
JOURN_BOOK				
Biological Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
27		207-225	CLIN EEGM SPM CORR NOAM	C
ABSTRACT				
To evaluate possible influences of intelligence on evoked potentials (EP) in nonpatients, EPs of groups matched for age and sex (n=19 per group), and high medium or low IQ, as measured by SPM were compared. Higher IQs were found to be associated with higher EP amplitudes. An unexpected finding was a trend towards higher IQ/EP correlations for left than for right recording sites .				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Kagitcibasi,C. & Savasir,I.				
TITLE				
Human abilities in the Eastern Mediterranean				
JOURN_BOOK				
Chapter 9 in S.H.Irvine & J.W.Berry (Eds.) Human Abilities in Cultural Context.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
		232-262	ANTHROP ASIA EURO IQTS MFSX SPM	A
ABSTRACT				
Covers the approaches to cognitive testing in Israel, Greece, Turkey and Yugoslavia. Identifies the work of Georgas (q.v.) in providing norms for children 6-12 in Greece, together with clear sex differences and the effects of SES on SPM.				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Karnes,F.A. & Whorton,J.E.				
TITLE				
Comparison of group measures in identification of rural, culturally diverse gifted students.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
67	3	751-754	KIDS EDUC SPM IQTS CORR VALD RACE NOAM QQ	E
ABSTRACT				
Reports on the identification of rural, culturally diverse gifted children, using the Culture-Fair Test and SPM with 652 children in Grades 3 to 8 (441 white and 211 black). The tests correlated together .46. A significant difference between scores on the two tests was found, emphasising the importance of which tests are used for the identification of giftedness.				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Kendall,I.M., Verster,M.A. and Von Mollendorf,J.W.				
TITLE				
Test performance of blacks in Southern Africa.				
JOURN_BOOK				
Chap 12 In S.H.Irvine andJ.W.Berry (Eds) Human Abilities in Cultural Context Cambridge: Cambridge U.P.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
		299-339	ANTHROP AFRICA RACE SCLS IQTS VALD THEO SPM	A
ABSTRACT				
A review of published studies of cognitive test performance among various groups in the African continent, considering the significance of testing in this environment, the suitability of Western derived tests, and the structure of abilities among these groups. Identifies some of the factors influencing performance across cultures, including social status and gender, together with discussion of the meaning of errors and rigidity of style.				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Kumar,P., Gupta,B.N., Pandya,K.P. & Clerk,S.H.				
TITLE				
Behavioral studies in petrol pump workers				
JOURN_BOOK				
International Archives of Occupational and Environmental Health				
VOLUME	SECTION	PAGES	CODES	INT_CODE
61	1-2	35-38	CLIN PHYS DRUG PERS ANTHROP SPM BRDM	A.C.
ABSTRACT				
Studied the effect of exposure to petrol on central and peripheral nervous system functioning among 90 petrol pump workers in Lucknow, India. Personality measures and cognitive tasks are reported including SPM, which was found to be significantly impaired, with those being exposed for more than five years showing more impairment than those exposed for 1-5 years.				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Lynn,R. Pagliari,C. & Chan,J.				
TITLE				
Intelligence in Hong Kong measured for Spearman's 'g' and the visuospatial and verbal primaries.				
JOURN_BOOK				
Intelligence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
12		423-433	ANTHROP RACE SPM EDUC IQTS NORM MFSX SIME LYN IN	A.E.
ABSTRACT				
Values for 'g' for Hong Kong are calculated from the data derived from giving SPM to several thousand children. Results indicate that the mean IQ for Hong Kong for the mid 1980s is approximately 108,in relation to the Caucasian mean of 100 for US and the UK. Values for spatial and perceptual speed primaries are also substantially higher in Hong Kong, whereas children in that country were relatively weak on word fluency. The pattern of abilities on Chinese Hong Kong children is broadly similar to that obtained on other Mongeloid population. Normative data for boys and girls are reported separately, with no difference between them.				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Marjoribanks,K.				
TITLE				
Cognitive and environmental correlates of adolescents' achievement ambitions: Family-group differences.				
JOURN_BOOK				
Alberta Journal of Educational Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
34	2	166-178	KIDS STUD SPM SCLS EDUC AUST	E
ABSTRACT				
A study of adolescents at age 11 and retested at age 16, comprising 516 Australians from four family types. Explored the relationship between family type, achievement ambitions and cognitive performance (SPM).				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Murphy,C.P.				
TITLE				
The use of Raven's Standard Progressive Matrices in analyzing the Stanford Achievement test scores of selected Mexican American and Anglo 10th grade students of high and low cognitive ability.				
JOURN_BOOK				
Ed.D.thesis, N. Arizona U.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
		Pp. 111	EDUC RACE NOAM KIDS IQTS SPM ANTHROP CORR VAL DOO	A.E.
ABSTRACT				
A study of 160 Mexican-American and Anglo students' (10th grade) performance on SPM and Stanford Achievement Test. Correlations between the tests were reported, and further analyses on scores of those in the 1st and 4th quartiles on SPM. Results suggest SPM is an appropriate measure of cognitive ability for the Mexican-American and Anglo subjects, and it predicts academic chievement. SPM correlated .38 with language, .51 with reading, and .61 with math scores for Mexican-Americans For Anglos the corresponding relationships were .38, .38 and .40.				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Niaz, M.				
TITLE				
The information-processing demand of chemistry problems and its relation to Pasual-Leone's functional M-capacity.				
JOURN_BOOK				
International Journal of Science Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10	2	231-238	EDUC ANTHROP SCAM PGET SPM RELI CORR STUD	A.E.
ABSTRACT				
Reports a study of 100 freshmen in Venezuela given tests of formal reasoning, disembedding ability, SPM and functional M-capacity (information processing capacity demanded by a task). SPM had a split half reliability of .71. Correlations between measures are reported, with SPM correlating .44 with the Embedded Figures Test.				

MATRICES YEAR				
SPM		1988		
AUTHOR				
Obler,L.K. & Fein,D.				
TITLE				
JOURN_BOOK				
The Exceptional Brain: Neuropsychology of talent and special abilities. New York: The Guilford Press				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			CLIN BRDM KIDS NUSY SPM IQTS WAIS WISC NOAM	C
ABSTRACT				
A collection of case studies of gifted individuals in many contexts, using the instruments of neuropsychology to identify the specific areas of strength. Includes a composer with musical talent (Chap 6 by Judd), using SPM and many other tests: a chess player with good SPM performance (Chap 7 by Cranberg and Albert): an autistic girl of 23, with SPM and APM (95th percentile),(Chap 13 by Bogyo and Ellis): a man talented at languages, with SPM at 95th percentile (Chap 15 by Novoa, Fein and Obler): an autistic boy with musical talent and average on SPM (Chap 17 by Lucci et al.): and a 5 year old autistic boy with exceptional visual memory (Chap 18 by Lynn Waterhouse: a.v.)				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
O'CONNOR,J.,RUDDLE,H.,O'GALLAGHER,M.				
TITLE				
Cherished equally? Educational and Behavioural adujstment of children. A study of Primary Schools in the Mid West region of Ireland. Commissioned by the Mid-Western Health Board.				
JOURN_BOOK				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			EDUC SPM KIDS UK	E
ABSTRACT				
The report presents the findings of a study which investigated the extent and distribution of difficulties among children in the Mid-West Ireland primary school system. 1,357 children were tested. Problems investigated were psychological adjustment, educational attainment and intellectual functioning, the SPM being used as the assessment tool for the latter. Clear differences emerged when findings were considered separately for each school type, split into rural and three urban groups, but these were not significant. Overall it was found that the group performance was very much above the level of those outlined in the norms for Irish children in 1972 from the manual, however a possible				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Skuy,M.,Kaniel,S.,Tzuriel,D.				
TITLE				
Dynamic assessment of intellectually superior Israeli children in a low socio-economic status community.				
JOURN_BOOK				
Gifted Education International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5		90-96	ANTHROP EDUC LAPD KIDS GIFT SCLS ISRAEL	A.E.
ABSTRACT				
The LPAD was administered to 165 children achieving in the top 15% of their fourth to sixth grade classes. Findings suggested the value of the LPAD in identifying giftedness among, and providing a basis for the cognitive enrichment of low SES children, thus facilitating their inclusion in mainstream programmes for the gifted. The LPAD comprises both original tasks as well as adaptations of established tasks and tests. The tasks from the LPAD chosen for administration were: The Verbal Analogies Test, the Organiser test, and Set Variations 1. In addition the SPN, on which the LPAD Set Variations is based, was administered prior to and after the LPAD tasks. Set Variations 1 provided a				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Varma,V.K., Malhotra,A.K., Dang,R., Das,K. et al.				
TITLE				
Cannabis and cognitive functions: A prospective study				
JOURN_BOOK				
Drug and Alcohol Dependence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	2	147-152	CLIN ANTHROP ASIA DRUG WAIS SPM SIME	A.C.
ABSTRACT				
Indian cannabis users were matched with controls and tested with WAIS-R Verbal, SPM, RT and measures of time and size perception. Cannabis users were slower on perceptuomotor tasks, but no different on test of memory or intelligence. Users scored higher on neuroticism and psychoticism than did controls.				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Waterhouse,L.				
TITLE				
Extraordinary visual memory and pattern perception in an autistic boy.				
JOURN_BOOK				
In L.K. Obler & D. Fein (Eds.), The Exceptional Brain: Neuro- psychology of talent and special abilities. New York: Guilford.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
		325-338.	CLIN PSSS NUSY KIDS SPM NOAM WISC	C.
ABSTRACT				
A case study of a 5 year old idiot savant with exceptional visual memory. He completed SPM in just over 5 minutes, with all items on Sets A,B and C correct, but he then perseverated with a single repsonse strategy. Although assessed at IQ 58 on other measures, he would have been at the 75th percentile for adults on SPM if he had achieved only chance on the last twelve items.				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Whorton,J.E. & Karnes,F.A.				
TITLE				
Comparison of the 1979 and the 1986 norms on the Standard Progressive Matrices for economically disadvantagd students: Implications for identification of gifted children.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
67	3	749-750	KIDS SPM NORM EDUC RACE SLCT NOAM	E.N.
ABSTRACT				
Compared British with US norms for SPM for use as a screening test with disadvantaged gifted children. Tested 307 black and white,boys and girls, grades 3 through 8. For selection purposes the difference between norms was not significant for group as a whole, but racial differences were noted.				

MATRICES		YEAR		
SPM		1988		
AUTHOR				
Zeidner,M.				
TITLE				
Sociocultural differences in examinees' attitudes toward scholastic ability exams.				
JOURN_BOOK				
Journal of Educational Measurement				
VOLUME	SECTION	PAGES	CODES	INT_CODE
25	1	67-76	ANTHROP EDUC KIDS RACE MFSX ISRAEL SCLS IQTS CO PP SPM ASIA	A.E
ABSTRACT				
Compared the test attitudes and perceptions of examinees of varying sociocultural group membership toward verbal (Milta) and nonverbal (SPM) tests. Feedback was obtained from 259 7th graders in Israeli schools, with attention to ethnic, social class and sex differences. On SPM, middle class scored higher than lower-class Ss, Western higher than Eastern, but with no sex differences. It was concluded that test attitudes are meaningfully correlated with levels of test attainment.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Ashton,G.C. & Borecki,I.B.				
TITLE				
Further evidence for a gene influencing spatial ability.				
JOURN_BOOK				
Behavior Genetics				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17	3	243-256	ANTHROP NOAM RACE SPM GENET	A.
ABSTRACT				
Six spatial tests were given to 927 families of European ancestry, 369 families of Japanese ancestry and 93 families of Chinese ancestry in the Hawaiian family study of cognition. Evidence for a major gene contributing to spatial visualizing ability was obtained in a test for mental rotations and with SPM.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Baldwin,A.Y.				
TITLE				
Undiscovered diamonds: The minority gifted child.				
JOURN_BOOK				
Journal for the Education of the Gifted				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10	4	271-285	KIDS SPM RACE EDUC GIFT NOAM	E
ABSTRACT				
Research into ways of identifying the minority gifted child is sparse. Exploratory work using SPM as part of the process appears to hold promise. This review paper makes reference to studies by the author which have utilized SPM and identified gifted children who might otherwise be missed.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Bart,W.M., Kamal,A. & Lane,J.F.				
TITLE				
The development of proportional reasoning in Qatar.				
JOURN_BOOK				
Journal of Genetic Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
148	1	95-103	ANTHROP AGES MFSX KIDS RACE SPM ASIA	A.
ABSTRACT				
Compared 554 Qatar children (5-7 grade) with U.S. children to assess reasoning development. SPM was used as a nonverbal measure of intelligence. Significant age, sex and country main effects were found.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Carlson,J.S. & Widaman,K.F.				
TITLE				
Elementary cognitive correlates of G: Progress and prospects.				
JOURN_BOOK				
Chap. 3 in P.A.Vernon (Ed) Speed of Information Processing and Intelligence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
		69-99	CRIT THEO NOAM SPM SIME	
ABSTRACT				
An overview of reaction time studies as a basic behavioral foundation for cognitive abilities, together with several research studies exploring the Hick paradigm, and proposing the importance of evoked potentials in future research.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Cernovsky,Z.				
TITLE				
Attitude towards dreams and MMPI measures of psychopathology in male chronic alcoholics.				
JOURN_BOOK				
Psychology : A Quarterly Journal of Human Behavior.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
24	3	30-32	CLIN PERS PSAT DRUG CORR SPM NOAM	C.
ABSTRACT				
In a group of 86 male chronic alcoholics tested on admission to treatment, a positive attitude to dreaming was unrelated to MMPI scales of psychopathology or incidence of nightmares. Among two groups, no difference between the two was found on SPM performance.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1987		
<i>AUTHOR</i>				
Cernovsky,Z.				
<i>TITLE</i>				
A failure to detect MAC's false negatives in female alcohol and drug addicts.				
<i>JOURN_BOOK</i>				
Addictive Behaviors				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
12	-	367-369	CLIN PSAT DRUG MMPI PERS CORR WAIS SPM NOAM	C.
<i>ABSTRACT</i>				
In an evaluation of the MacAndrew Alcoholism Scale (MAC), addicted women were compared with psychiatric controls. Both groups completed SPM, and no significant difference was found.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Chatterji,S., Mukerjee,M. & Gupta,R.				
TITLE				
Assessment of intelligence level of hearing impaired children.				
JOURN_BOOK				
Journal of the Indian Academy of Applied Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
13	1	29-37	CLIN EDUC KIDS PHYS DEAF VERB IQTS CORR VALD ANT HROP ASIA SPM	A.C.
ABSTRACT				
Reports development of a nonverbal intelligence test for use with deaf children. Fairly high cporrelations with Draw-a-Man and Draw-a-Woman, but not with SPM.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Della-Sala,S., Pasetti,C. & Sempio,P.				
TITLE				
Deficit of the "primacy effect" in Parkinsonians interpreted by means of the Working Memory model.				
JOURN_BOOK				
Schweizer Archiv fur Neurologie und Psychiatrie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
138	5	5-14	CLIN BRDM IQTS SPM VERB EURO	C
ABSTRACT				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Eysenck,H.J.				
TITLE				
Speed of information processing, reaction time, and the theory of intelligence.				
JOURN_BOOK				
Chap.2 in P.A.Vernon (Ed.) Speed of Information Processing and Intelligence. Norwood,N.J.: Ablex.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
		21-67	CRIT UK THEO APM SPM SIME	
ABSTRACT				
A theoretical discussion of the relationship between speed and intelligence, from Galton and Binet, through Jensen, to contemporary work on event related potentials, to the biochemical basis of Spearman's "mental energy" proposed by Weiss.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Gramstad,A. & Ellertsen,B.				
TITLE				
Nevropsykologisk undersoking ved mistanke om loysemiddelskade. [Neuropsychological assessment of suspected solvent induced encephalopathy].				
JOURN_BOOK				
Tidsskrift for Norsk Psykologforening				
VOLUME	SECTION	PAGES	CODES	INT_CODE
24	5	311-317	KIDS CLIN DRUG BRDM WAIS PERS EURO SPM	C
ABSTRACT				
[Text in Norwegian: Summary in English]				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1987		
<i>AUTHOR</i>				
Helmes,E.				
<i>TITLE</i>				
Concurrent validation of AH2 as a brief measure of intelligence in Canadian university students.				
<i>JOURN_BOOK</i>				
Educational and Psychological Measurement				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
47		725-729	EDUC IQTS STUD NOAM SPM VALD CORR RELI	E
<i>ABSTRACT</i>				
Compares performance of 130 undergraduates on the AH2, the WAIS-Clarke Vocabulary test and SPM. Correlations between the tests are reported. Internal consistency for SPM was .85. Norms for the AH2 with this Canadian sample were very similar to those obtained in Britain, suggesting that British norms can be applied with confidence in the Canadian context.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Istoc-Bobis,M. & Gabor,S.				
TITLE				
[Psychological dysfunctions in lead and mercury occupational exposure].				
JOURN_BOOK				
Revue Roumaine des Sciences Sociales Serie de Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
31	2	183-191	CLIN ANTHROP DRUG BRDM WAIS PERS SPM EURO	A.C
ABSTRACT				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Jaworowska,A.				
TITLE				
Polish studies on the Standard Progressive Matrices.				
JOURN_BOOK				
Unpublished Ms, Warsaw .				
VOLUME	SECTION	PAGES	CODES	INT_CODE
		pp.4	ANTHROP EURO CRIT SPM	
ABSTRACT				
A critical review of the current status of research on SPM in Poland. Though widely used, research data is inadequate and norms unsatisfactory.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Lynn,R.				
TITLE				
Japan: Land of the rising IQ. A reply to Flynn.				
JOURN_BOOK				
Bulletin of the British Psychological Society				
VOLUME	SECTION	PAGES	CODES	INT_CODE
49	464	468	GENET THEO WISC SPM ANTHROP ASIA LYNN	A.
ABSTRACT				
Responding to the debate over rising IQ scores in many countries, and the alternative hereditary - environmental explanations for such increases, Lynn argues from WISC, CMMS and SPM data that such increases are real, and they arise from a combination of inheritance with environmental conditions, which have improved over the last fifty years.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Lynn,R.				
TITLE				
The intelligence of the Mongoloids: A psychometric, evolutionary and neurological theory.				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	-	813-844	ANTHROP MFSX RACE THEO CORR SPM ASIA LYNN	A
ABSTRACT				
Argues for a high 'g' level among the Mongoloid races. Draws data from a number of cross-cultural studies using a range of ability tests, including SPM in studies in Singapore and Hong Kong. Results are also considered in relation to sex differences in ability.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Lynn,R. Hampson,S. & Bingham,R.				
TITLE				
Japanese,British and American adolescents compared for Spearman's G and for the verbal, numerical and visuospatial abilities.				
JOURN_BOOK				
Psychologia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
30		137-144	ANTHROP KIDS UK ASIA IQTS SPM VALD NOAM LYNN	A.E.
ABSTRACT				
A Japanese intelligence test, the Kyoto New NX Test, was administered to a sample of 13-14 yr olds in N. Ireland. The Kyoto Test provides measures of verbal, numerical and visuospatial abilities, and of Spearman's g. All 216 Ss also completed SPM. Results show the Japanese are particularly strong on visuopatial abilities and on Spearman's g, and are consistent with other studies of the profile of Japanese abilities.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Malloy,T.E., Mitchell,C. and Gordon,O.E.				
TITLE				
Training cognitive strategies underlying intelligent problem solving.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
64	-	1039-1046	EDUC STUD PGET SPM NOAM	E.
ABSTRACT				
Cognitive strategies underlying excellent performance of intelligent people on SPM were used to develop a teaching package Twenty four subjects were trained on this package while 17 subjects solved the problems without training. A control group (n=13) received no intervention. Greatest pre-post improvements on matrix solving and on a Piagetian classification task were found with the trained group.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Nagoshi,C.T. and Wilson,J.R.				
TITLE				
Influence of family alcoholism history on alcohol metabolism, sensitivity, and tolerance.				
JOURN_BOOK				
Alcoholism Clinical and Experimental Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
11	4	392-398	CLIN DRUG SPM NOAM GENET	C
ABSTRACT				
Tested Ss with or without alcoholic family history (FHP or FHN) were tested three times on a battery of physiological, motor and cognitive tasks, including SPM before and after alcohol ingestion. FHP Ss scored lower than FHN Ss on SPM before ingestion, but the two groups did not differ in absorption or clearance of alcohol as measured by the tests.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Persaud,G.				
TITLE				
Sex and age differences on the Raven's Matrices.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
65	1	45-46	NORM AGES MFSX SPM CRIT SCAM	-
ABSTRACT				
Among 132 female and 74 male students (17-51 yrs) completing SPM, the general decline with age was linear and negative, significantly so for women, and only from age 26.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Riding,R.J. & McQuaid,D.G.				
TITLE				
Characteristics of failing readers at 16+.				
JOURN_BOOK				
British Educational Research Journal				
VOLUME	SECTION	PAGES	CODES	INT_CODE
13	1	51-58	EDUC PERS MFSX SPM UK	E.
ABSTRACT				
Tested a cohort of below-average readers aged 16 (286 girls,280 boys), and compared these with competent readers on measures of personality, SPM, and sex. The very poor readers differed from the good readers,the former scoring low on SPM, high on introversion and neuroticism, and were more often male.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Rogers,W.T. & Holmes,B.J.				
TITLE				
Individually administered intelligence test scores: Equivalent or comparable				
JOURN_BOOK				
Alberta Journal of Educational Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
33	1	2-20	EDUC IQTS PPVT SPM WISC CORR VALD NOAM	E
ABSTRACT				
The validity of equating the Slosson IT, PPVT, and SPM to WISC-R was assessed by statistical and psychological criteria. All four were administered to stratified random samples of students aged 7.5,9.5 and 11.5. Pairs of tests judged to be psychologically equivalent and whose disattenuated correlation coefficient exceeded .70 were equated by several methods, which proved equally sensitive to the relaxed definition of parallelism. Internal consistency for SPM ranged from .83 to .92. Correlations with WISC-R ranged from .48 to .68.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Sahu,S. & Pattnaik,S.				
TITLE				
Reading proficiency and strategies of disadvantaged children.				
JOURN_BOOK				
Psycho-Lingua				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17	1	39-54	ANTHROP SPM SCLS EDUC ASIA	A.E.
ABSTRACT				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Shyam,R.				
TITLE				
Effect of enriched education programmes on cognitive processing differentials of public school students.				
JOURN_BOOK				
Journal of Personality and Clinical Studies				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	2	139-141	EDUC ANTHROP ASIA RACE AGES KIDS SCLS SPM	E.A.
ABSTRACT				
Using groups of Indian school children from grades 6 and 10,this study sought to assess effects of optimally enriched educational programmes on contrasting caste groups. Fifty Harijan were contrasted with 50 Brahmin, 25 in each grade. Ss were classified according to their SPM grades. It was concluded that even with optimum educational opportunity, the genetic differences in 'g' are not fully compensated.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1987		
<i>AUTHOR</i>				
Sidhu,K., Kaur,M. & Singh,M.B.				
<i>TITLE</i>				
Effect of certain demographic factors on the intelligence of fifth grade girl students.				
<i>JOURN_BOOK</i>				
Asian Journal of Psychology and Education				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
19	4	17-22	ANTHROP EDUC KIDS SCLS SPM ASIA	A E
<i>ABSTRACT</i>				
Differences in intelligence as measured by SPM among 100 fifth- grade Indian girls were reported and related to the effect of certain demographic variables. Results showed that scores obtained were independent of parents' education, size or type of family, and parents' employment.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Sidles,C. & Macavoy,J.				
TITLE				
Navajo adolescents scores on a primary language questionnaire, the Raven Standard Progressive Matrices RSPM) and the Compre- hensive Test of Basic Skill (CTBS):A correlational study.				
JOURN_BOOK				
Educational and Psychological Measurement				
VOLUME	SECTION	PAGES	CODES	INT_CODE
47	-	190-194	ANTHROP EDUC MFSX NORM IQTS CORR VALD MFSX NO AM	E
ABSTRACT				
One hundred and twenty four Navajo 14, 15,and 16 year-old regular classroom adolescents from schools in Arizona and New Mexico were administered 3 instruments: a Primary Language Questionnaire Comprehensive Test of Basic Skills (CTBS) and SPM.Correlations SPM/CTBS achievement levels ranged from upper.30s to upper .40s, and higher for females than males. SPM norms were established for this group.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Sidles,C.,Macavoy,J.,Bernston,C. & Kuhn,A				
TITLE				
Analysis of Navajo adolescents' performances on the Raven Progressive Matrices.				
JOURN_BOOK				
Journal of American Indian Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
27	1	1-8	ANTHROP NORM CORR STUD SPM NOAM	A.E
ABSTRACT				
One hundred and eighty three adolescent Navajo students from schools in Arizona and New Mexico were administered the SPM. Ages ranged 13-15. Norms were established for this population. Compar- isons in SPM performance were made between students having different primary languages and school locations. No differences were found between these groups. The findings support the SPM as a 'culture-fair' measure of non-verbal mental ability with second- ary level Navajo students.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Skuy,M.,Shmukler,D.				
TITLE				
Effectiveness of The Learning Potential Assessment Device with Indian and Coloured adolescents in South Africa.				
JOURN_BOOK				
International Journal of Special Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	2	131-149	ANTHROP EDUC SPM WISC SCLS LAPD AFRICA	A.E.
ABSTRACT				
The SPM was used amongst other tests of intellectual functioning with several tasks from the Learning Potential Assessment Device (LPAD). The SPM and other tests were selected to assess a comparable ability to its LPAD counterpart, and thus served as a measure of transfer of learning from the LPAD task to an external criterion of modifiability. The study aimed to test their effectiveness among groups of sociopolitically and educationally disadvantaged South Africans. Sixty Indian and 60 coloured adolescents from the top and bottom of their respective academic spectra were assigned to experimental and control groups. Results showed that on the SPM an apparent improvement was reflected				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Sustekova,L.				
TITLE				
Vyvin osobnosti jazykovo nadanych ziakov. [Personality development of language gifted pupils].				
JOURN_BOOK				
Psychologia a Patopsychologia Dietata				
VOLUME	SECTION	PAGES	CODES	INT_CODE
22	1	15-31	ANTHROP EDUC STUD SPM IQTS PERS EURO	A.E.
ABSTRACT				
[Text in Slovak: Summaries in English and Russian]				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Vogel,F., Kruger,J., Schalt,E., Schnobel,R. & Hassling,L.				
TITLE				
No consistent relationships between oscillations and latencies of visual and auditory evoked EEG potentials and measures of mental performance.				
JOURN_BOOK				
Human Neurobiology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	3	173-182	CLIN NUSY BRDM EEGM STUD SPM DFCT CORR SPM EU PO	C.
ABSTRACT				
Data from 236 undergraduates selected for the presence of 4 different inherited EEG variants, 24 mentally retarded adults and 19 normal age/sex-matched controls indicate no relationship between visual and auditory evoked potential and Ss performance on the IST and on SPM. The hypothesis of a consistent relationship between oscillation and latency of EPs and measures of mental performance was not confirmed.				

MATRICES		YEAR		
SPM		1987		
AUTHOR				
Vroon,P.A.				
TITLE				
Models of educational career with and without IQ measurements.				
JOURN_BOOK				
Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
121	3	273-279	ANTHROP GENET CORR EURO SPM VALD EDUC	A.E.
ABSTRACT				
Data were collected describing educational level, occupational status and intelligence measures (shortened SPM) of 2847 father-son pairs. Two results are reported. When the son's IQ was included in the model describing his educational career, environmental effects due to the influence of the father were reduced. Adding the father's IQ to the model, however, did not affect the path coefficients of the variables that were predicted to be relevant for the son's education. Contrary to hereditarian predictions, the correlation between father/son IQs was only .29.				

MATRICES	YEAR			
SPM	1986			
AUTHOR				
Bart,W.M., Rothen,W. & Read,S.				
TITLE				
An ordering-analytic approach to the study of group differences in intelligence.				
JOURN_BOOK				
Educational and Psychological Measurement				
VOLUME	SECTION	PAGES	CODES	INT_CODE
46	-	799-810	GENET EDUC RACE MFSX KIDS ITEM SPM NOAM	E.
ABSTRACT				
A study of group differences using 181 sets of black twins and 223 sets of white twins from elementary schools, and given SPM, Sets A-D. Item hierarchies were compared with respect to race, sex, zygosity and SES.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Buxton,M.J.				
TITLE				
The development of a computer assisted device for use in screening children referred for psychoeducational services.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
46	10B	3636	EDUC AUTO CORR WISC KIDS RELI SPM	E
ABSTRACT				
Compares the presentation of SPM according to standard procedures with computer assisted presentation to 85 Ss. A reliability study of the computerised presentation produced a test-retest r =.88 (two week interval). Additional quantitative measures were also possible, such as time to respond. These results were also compared with WISC-R data for 20 Ss, with a positive correlation for verbal and full scale scores. Ss tested were from 4th, 5th and 6th grades.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Cantwell,Z.M.				
TITLE				
Assessment of developed general intellectual ability with nonverbal measures.				
JOURN_BOOK				
Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
120	5	473-478	ANTHROP RACE KIDS SPM EDUC FACT CORR IQTS VALD AGES NOAM	A.E.
ABSTRACT				
Using a stratified sample of 180 high school girls from three grades and three ethnic groups, the suitability of D48 and SPM tests was tested to determine whether they both yield similar information, measure general ability with or without other abilities and whether they discriminate across ethnic groups. The two tests correlated .52, and both measured quantitative and mathematical ability as well as a general scholastic factor. Ethnic group membership (white, black, hispanic) was not a factor in the performance on either test.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1986		
<i>AUTHOR</i>				
Carlson,J.S. & Widaman,K.F.				
<i>TITLE</i>				
Eysenck on Intelligence: A Critical Perspective				
<i>JOURN_BOOK</i>				
In S. Mogdil and C. Mogdil (Eds) Hans Eysenck: Consensus and Controversy.				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
			CRIT THEO ANTHROP RACE SPM APM CORR VALD	A
<i>ABSTRACT</i>				
Provides an overview of Eysenck's contributions to the theory of intelligence, with reference in part to studies using SPM and APM .				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Cerella,J., Dicara,R., Williams,D. & Bowles,N.				
TITLE				
Relations between information processing and intelligence in elderly adults.				
JOURN_BOOK				
Intelligence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10	1	75-91	CLIN CPM CORR AGES THEO IQTS SPM	C.
ABSTRACT				
Verbal intelligence and abstract reasoning measures were obtained on 31 college-age and 32 elderly adults with mental processing rates assessed through choice-reaction time and other procedures. Verbal IQ and lexical decoding was found to be intact in the elderly subjects. There were large declines in CPM scores and a variety of choice reaction time measures. Results are related to Jensen's theory.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Cernovsky,Z.				
TITLE				
Colour preference and MMPI scores of alcohol and drug addicts.				
JOURN_BOOK				
Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
42	4	663-668	CLIN DRUG PSAT WAIS CORR MMPI SPM NOAM	C.
ABSTRACT				
Sixty seven Ss being treated for alcohol and drug abuse were administered the MMPI, Luescher Color Test, WAIS Vocabulary and SPM, in an evaluation of LCT performance, which was found not to be correlated with age, sex education or SPM score.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Cernovsky,Z.				
TITLE				
Psychopathology and women's attitudes towards equal rights : An MMPI study.				
JOURN_BOOK				
Social Behaviour and Personality				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	2	167-169	CLIN PERS DRUG PSAT CORR MMPI SPM NOAM	C.
ABSTRACT				
Among 86 female inpatient addicts, those who answered `True' to the MMPI item `I believe women ought to have as much sexual free- dom as men' differed from those responding `False' (18.6%) in being younger, in scoring higher on SPM and in scoring lower on depression, neurotic tendencies and social isolation, and higher on ego-strength.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Cernovsky,Z.				
TITLE				
MMPI and nightmare reports in women addicted to alcohol and other drugs.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
62	-	717-718	CLIN PSAT DRUG MMPI WAIS CORR SPM NOAM	C.
ABSTRACT				
An MMPI study of nightmare frequency in which WAIS Vocabulary and SPM were used as base measures of intellectual functioning. The two groups of female alcoholics and addicts did not differ on SPM mean scores.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Cernovsky,Z.				
TITLE				
Masculinity-femininity scale of the MMPI and intellectual functioning of female addicts.				
JOURN_BOOK				
Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
42	2	3110-312	CLIN PERS DRUG WAIS CORR MMPI PSAT SPM NOAM	C.
ABSTRACT				
In a group of 85 female chronic alcoholics and other addicts, scores on SPM and WAIS Vocabulary were found unrelated to MMPI scales, except for raw scores and IQ equivalents on the Vocabulary Test to the M-F scores, and IQ equivalents (SPM) with Barron's Ego-Strength Scale (r=0.32).				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1986		
<i>AUTHOR</i>				
Chalip,L. & Stigler,J.W.				
<i>TITLE</i>				
The development of achievement and ability among Chinese children: A new contribution to an old controversy.				
<i>JOURN_BOOK</i>				
Journal of Educational Research				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
79	5	302-307	ANTHROP EDUC KIDS MFSX ASIA SCLS CORR ?SPM	
<i>ABSTRACT</i>				
SPM and math achievement scores were collected with 608 Taiwanese first- and fourth-grade students. Relationships between SPM performance and maths ability was compared at each level, and for males and females separately. No difference in male and female maths scores were observed at either grade level. Higher SES Ss outperformed lower SES Ss on SPM and in maths.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
De Lemos,M.M.				
TITLE				
Australian restandardization of the Standard Progressive Matrices: 1986				
JOURN_BOOK				
Bulletin for Psychologists				
VOLUME	SECTION	PAGES	CODES	INT_CODE
39			AUST NORM SPM EDUC KIDS	E
ABSTRACT				
Describes the result of circulating a note requesting feedback on the Australian restandardization of SPM, as a result of which it was decided to retain timed and untimed norms over the age range 8-16 years. (See De Lemos, 1989)				

MATRICES YEAR				
SPM		1986		
AUTHOR				
Della Sala,S., Di Lorenzo,G. Giordano,A. & Spinnler,H.				
TITLE				
Is there a specific visuo-spatial impairment in Parkinsonians?				
JOURN_BOOK				
Journal of Neurology, Neurosurgery and Psychiatry				
VOLUME	SECTION	PAGES	CODES	INT_CODE
49		1258-1265	CLIN BRDM PHYS SPM NUSY	C
ABSTRACT				
Twenty-five non-demented patients with mild, idiopathic Parkinson's disease were compared with 25 age and education matched normals on a visuo-spatial performance task. SPM (Sets A,B,C,D) was also administered and score distributions are reported.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Dobbins,A.				
TITLE				
An empirical classification of children with reading difficulties				
JOURN_BOOK				
Educational and Child Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	2	70-79	EDUC SPM KIDS UK CORR	E
ABSTRACT				
278 girls and 300 boys, ages 9-11, were given reading tests and SPM. Data were subjected to multiple regression, and it was concluded that severe underachieving readers are a 'naturally occurring group' rather than being test specific. A correlation bewteen Reading scores and SPM of .61 was found.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Egan,V.				
TITLE				
Intelligence and inspection time: Do high-IQ subjects use cognitive strategies?				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	5	695-700	CRIT SPM SIME UK CORR DEAF PHYS KIDS VALD	
ABSTRACT				
After summarising the literature linking inspection time and intellectual level, several studies from Scotland are reported. A student study by Sharp (1984) showed a correlation between critical stimulus duration and SPM to be much the same as with inspection time and SPM (r = -.54). In a thesis by Bain(1983) deaf children were tested on a computerised display, and their inspection time correlated -.30 with SPM. It is concluded a strong relationship exists between IT and IQ at all levels of ability, but reducing at the higher end of the IQ range, where other factors may contribute more.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Erickson,R.C. and Binder,L.M.				
TITLE				
Cognitive deficits among functionally psychotic patients: a rehabilitative perspective.				
JOURN_BOOK				
Journal of Clinical and Experimental Neuropsychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	3	257-274	CLIN PSAT WAIS SPM NOAM	C.
ABSTRACT				
A review of psychological assessment techniques used with psych- iatric patients, leading to recommendations for a protocol directed towards rehabilitation, and including WAIS sub-tests , the Wechsler Memory Scale and SPM.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Galas,B.				
TITLE				
Zdolnosci i zainteresowania a poziom i tresc aspiracji mlodziezy. [Ability and interest versus level and content of young people's aspirations.]				
JOURN_BOOK				
Psychologia Wychowawcza				
VOLUME	SECTION	PAGES	CODES	INT_CODE
29	4	422-433	EURO PERS KIDS SPM EDUC ANTHROP	A E
ABSTRACT				
Examined personality characteristics and aspirations of 2,000 normal male and female Polish children and adolescents using CPM, the Z test of interests, and a questionnaire on aspirations. [Text in Polish: English and Russian summaries.]				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Gatti,M. & De-Petris,R.				
TITLE				
Profilo psicologico dello schermitore nazionale italiano. [Psychological profile of Italian national fencers.]				
JOURN_BOOK				
Movimento				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	2	94-96	VOC ANTHROP EURO SPM PERS	A. V.
ABSTRACT				
A comparison of the psychological characteristics of male and female fencers using 34 males and 108 Italian females. The test battery included SPM. [Text in Italian.]				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Gentilini,M., Orlando,A., Scarano,M., Schoenhuber,R., et al				
TITLE				
Alterazioni neuropsicologiche e neurofisiologiche nella sindrome soggettiva del cranioleso. [Neuropsychological and neurophysiological changes in postconcussion syndrome.]				
JOURN_BOOK				
Rivista Sperimentale di Freniatria e Medicina Legale delle Alienazioni Mentali				
VOLUME	SECTION	PAGES	CODES	INT_CODE
110	3	459-463	EURO CLIN BRDM SPM	
ABSTRACT				
Neuropsychological assessment, together with testing of auditory brainstem responses, was carried out for 24 Italians suffering minor head injuries. Brainstem AEP's were recorded within 48 hours of injury and after one month. The test battery included SPM together with tests of attention, memory and word recognition. Follow up at one year was related to of post-concussional symptoms. [Text in Italian: Summary in English.]				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Gudjonsson,G.H., & Shackleton,H.				
TITLE				
The pattern of scores on Raven's Matrices during 'faking bad' and 'non faking' performance.				
JOURN_BOOK				
British Journal of Clinical Psychology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
25	1	35-41	CLIN THEO BRDM SPM UK	C.
ABSTRACT				
This paper looks at the effects of 'faking bad' on the pattern of scores on SPM. It was found that faking significantly reduces the rate of decay across the five series of sets on the test. The paper describes a statistical method that can be used to rate objectively the rate of decay and help detect possible faking on SPM. The method was found to be highly effective in discriminating between genuine and faked impairment and proved far superior to the discrepancy method recommended by Raven (1960). Cut-off scores are provided in order to enable the clinician to apply the method to individual cases and minimize false positive and false negative errors.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Heydemann,M.				
TITLE				
Der Zusammenhang zwischen Blickbewegungen und Lautem Denken bei RAVEN-Aufgaben. [The correspondence between eye-movements and thinking aloud during Raven's Progressive Matrices tasks].				
JOURN_BOOK				
Psychologische Beitrage				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28	1-2	76-87	ANTHROP VERB SPM STUD EDUC EURO	A.E.
ABSTRACT				
[Text in German: Summaries in English, French and Japanese].				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Huber,S.J., Shuttleworth,E.C. & Paulson,G.W.				
TITLE				
Dementia in Parkinson's disease				
JOURN_BOOK				
Archives of Neurology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
43		987-990	CLIN NUSY BRDM PHYS SPM NOAM	C
ABSTRACT				
Compared groups of patients identified as Parkinsons without intellectual impairment (PD) and those with impairment (PDI). SPM was used as a measure of reasoning using visuospatial skills. There was a significant difference between the two groups on SPM.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Itslpwotz,R., Bar-El,Y. & Gross,Y.				
TITLE				
Thought processes in culturally deprived and learning disabled children - a comparative study.				
JOURN_BOOK				
Journal of Learning Disabilities				
VOLUME	SECTION	PAGES	CODES	INT_CODE
19	7	432-437	CLIN EDUC KIDS WISC BRDM SPM ASIA ISRAEL	C.E.
ABSTRACT				
Contrasts the thought processes of culturally deprived and learn- ing disabled children. All were tested with two WISC-R subtests, the Bender-Gestalt Test with items from SPM (6 from Set A. and 3 from Set B.). Conventional scoring and qualitative measures were applied, including a perseveration score on SPM. Differences between groups were significant.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Jayashankarappa,B.S.				
TITLE				
Intellectual tests and social-adaptive behavioural scales used for the assessment of the mentally handicapped in India.				
JOURN_BOOK				
Journal of Personality and Clinical Studies				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	2	89-98	IQTS ANTHROP ASIA SPM DFCT	A. C.
ABSTRACT				
A review article covering intellectual and social-adaptive behavioural scales used to assess the mentally handicapped in India. SPM is among the scales reviewed.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Karttunen,M. & Romana,S.				
TITLE				
Kolmen kykytestin vertailu nuorilla kehitysvammaisilla. [Comparison of three achievement tests with developmentally disabled youth.]				
JOURN_BOOK				
Psykologia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
21	4	277-279	KIDS EURO BRDM IQTS WISC SPM ANTHROP CLIN CORR	A E C
ABSTRACT				
Twenty male and female Finnish children, ages 8-14 years, with developmental disabilities were assessed for achievement levels. Comparisons of results against disability level were made with SPM, WISC and the Leiter International Performance Scale, administered at two-year intervals. [Text in Finnish.]				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
King,M.G., Ross,M.J. and Symons,M.R.				
TITLE				
A ten-minute administration of Standard Progressive Matrices.				
JOURN_BOOK				
Bulletin for Psychologists, A.C.E.R. Melbourne.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
39	-	3-4	CRIT TIME NORM SPM AUST	-
ABSTRACT				
Describes results of a pilot study of administration of SPM with a 10 minute time limit with various adult subject groups, and reports group means. Scores ranged between 12 & 54 & the authors interpret this as indicating the suitability of a brief format.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Kirkcaldy,B.				
TITLE				
Intellectual and motoric correlates of Benton's Visual Retention Test.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
63	1	154	CLIN PSSS WAIS CORR EURO SPM	C
ABSTRACT				
In an attempt to relate visual retention and form reproduction to intellectual aptitude, 84 psychotic patients completed SPM, the Benton VRT and a performance task. SPM performance was the best predictor of visual retention.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Kurti,J.				
TITLE				
[Cognitive style and learning.]				
JOURN_BOOK				
Studia Psychologica				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28	3-4	300-307	ANTHROP EURO KIDS SPM PERS EDUC CORR	
ABSTRACT				
Reports on cognitive style in as far as it affects school success, hypothesizing a preference for certain cognitive styles leading to varying effectiveness in the solution of complex cognitive tasks. 9-yr-old Hungarian children were administered a range of cognitive (including CPM) and personality tests. Results were correlated. [Text in Russian: English and Slovak summaries.]				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Lesser,R.P., Luders,H., Morris,H.H. and Dinner,D.S. et al.				
TITLE				
Electrical stimulation of Wernicke's area interferes with comprehension.				
JOURN_BOOK				
Neurology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
36	5	658-663	CLIN BRDM SPM	C.
ABSTRACT				
Stimulation of Wernicke's area in patients with epilepsy was assessed with Benton VRT, SPM and other tasks. When the posterior temporal language area was stimulated, reading and comprehension of complex verbal information were impaired but comprehension of non-verbal and simple data was not.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Leung,P.W., Salili,F. & Baber,F.M.				
TITLE				
Common adolescent problems in Hong Kong: Their relationship with self-esteem, locus of control, intelligence and family environment.				
JOURN_BOOK				
Psychologia An International Journal of Psychology in the Orient				
VOLUME	SECTION	PAGES	CODES	INT_CODE
29	2	91-101	ASIA ANTHROP PERS SPM EDUC KIDS	A.E.
ABSTRACT				
A study of adolescent attitudes and problems using 224 Chinese 15-yr-olds in Hong Kong. Self-esteem inventories and SPM were used. Results suggest that cultural influence permeates the pattern of adolescent self-perceived problems. Intellectual level was not correlated with any other variables except to family dimensions, those of active recreational and intellectual cultural orientations.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1986		
<i>AUTHOR</i>				
Lynn,R. & Gault,A.				
<i>TITLE</i>				
The relation of music ability to general intelligence and the major primaries.				
<i>JOURN_BOOK</i>				
Research in Education				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
36		59-64	EDUC SPM IQTS CORR LYNN FACT	E
<i>ABSTRACT</i>				
Assesses the relationship between musical ability and intelligence as measured by SPM and the Kyoto NX Test. On principal components analysis, SPM showed a high loading on the 'g' factor as expected (.76). In addition, all three musical tests loaded positively on the same component, and it is concluded that Spearman's 'g' is an important determinant of individual differences in musical ability.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Matczak,A. and Galinska,D.				
TITLE				
Zapotrzebowanie na stymulacje poznawcza--proba konstrukcji narzedzia pomiarowego. [Need for cognitive stimulation: An attempt to construct an assessment tool.]				
JOURN_BOOK				
Przegląd Psychologiczny				
VOLUME	SECTION	PAGES	CODES	INT_CODE
29	3	801-814	PERS EURO ANTHROP SPM	E. A.
ABSTRACT				
SPM was used together with a sensation-seeking scale in a test of the psychometric value of the questionnaire measuring the need for cognitive stimulation, using Polish male and female adolescents. Subjects were administered a battery of psychological tests designed to evaluate the discriminant power, internal consistency, and external validity of the questionnaire. [Text in Polish: Summaries in English and Russian.]				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1986		
<i>AUTHOR</i>				
Mattlar,C.E., Knuts,L.R. and Alanen,E.				
<i>TITLE</i>				
The Piotrowski sign system: Its association with age and intelligence and the structure of the Piotrowski signs.				
<i>JOURN_BOOK</i>				
British Journal of Projective Psychology and Personal Study				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
31	1	3-15	ANTHROP CLIN AGES PERS EURO SPM WAIS BRDM	A. C.
<i>ABSTRACT</i>				
A study of 181 non-clinical Finnish subjects grouped by sex and age levels from 18-62. All were given the Rorschach, SPM and digit symbol of the WAIS. Organic indicators using the Piotrowski's Organic Signs were calculated. Subjects under 42 rarely have such signs in their records. The Ss were commonly found to have equal to or greater than 5 organic signs.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Mikulincer,M.				
TITLE				
Motivational involvement and learned helplessness: The behavioral effects of the importance of uncontrollable events.				
JOURN_BOOK				
Journal of Social and Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	4	402-422	ANTHROP SPM PERS ISRAEL ASIA	A
ABSTRACT				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Milberg,W., Hebben,N., and Kaplan,E.				
TITLE				
The Boston process approach to neuropsychological assessment				
JOURN_BOOK				
In I. Grant and K.Adams (Eds) Neuropsychological Assessment of Neuropsychiatric Disorders. New York:				
VOLUME	SECTION	PAGES	CODES	INT_CODE
		65-86	CLIN BRDM NUSY TEXT SPM	C
ABSTRACT				
Describes the evolution of the Boston Process approach to neuropsychological testing, with its rationale for the inclusion of various types of tests, including SPM.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Molinari,E.				
TITLE				
La percezione di se negli obesi: analisi a mezzo del differenziale semantico. [The perception of obesity: Partial analysis of the semantic differential.]				
JOURN_BOOK				
Medicina Psicosomatica				
VOLUME	SECTION	PAGES	CODES	INT_CODE
31	3	249-274	EURO CLIN PERS SPM	C.
ABSTRACT				
SPM and personality measures were administered to 120 obese adolescents and adults. The semantic differential was used to determine attitudes towards themselves, other obese people, thin people and normals. [Text in Italian: Summaries in English and French.]				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Moran,A.P.				
TITLE				
The reliability and validity of Raven's Standard Progressive Matrices for Irish apprentices.				
JOURN_BOOK				
International Review of Applied Psychology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
35	-	533-538	VOC VALD RELI ITEM CORR STUD SPM UK	V
ABSTRACT				
Reports an evaluation of item characteristics, reliability and validity of SPM with an Irish sample of 181 apprentices who also completed the GATB. Results were compared with achievement tests completed one year later (at the end of training). Internal consistency was found to be 0.89 (Cronbach's Alpha), with Spearman-Brown correlation of 0.74. Concurrent validity with GATB was 0.47, while predictive validity was below 0.2. Item analysis suggests SPM was too easy to be discriminative with this sample.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Nagoshi,C.T. and Johnson,R.C.				
TITLE				
The ubiquity of g.				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	2	201-207	NOAM ASIA ANTHROP FACT CORR EDUC VOC RACE SPM	
ABSTRACT				
Reports an analysis of the "g" loading on each of the cognitive measures used in the Hawaii family study of cognition applied to American families of European and of Japanese ancestry, together with subjects from homeland Korea. Discusses the relative significance of genetic factors in the results.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Nemes,S.				
TITLE				
Structurarea aptitudinilor spatial-technice in functie de continutul instruirii. [The organization of spatial-technical aptitudes in terms of the educational content.]				
JOURN_BOOK				
Revista de Psihologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
32	4	262-276	ANTHROP VOC SPM IQTS CORR EURO PGET	A. V.
ABSTRACT				
Reports on the spatial-technical abilities of mechanics students based on 458 normal male and female Romanian adolescents. Two groups were tested, one group being given SPM, a Piagetian operative task, a mechanical curve representation task and a spatial representation test. [Text in Romanian: Summary in French.]				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Peri,G. & Molinari,E.				
TITLE				
La condizione psicologica dell'obeso. [The psychological condition of obese people.]				
JOURN_BOOK				
Medicina Psicosomatica				
VOLUME	SECTION	PAGES	CODES	INT_CODE
31	3	223-248	CLIN EURO SPM PERS	C.
ABSTRACT				
A range of personality tests, together with SPM, was administered to 120 female Italian obese adolescents and adults to study the psychopathology of obese people and the psychological factors which influence weight loss. [Text in Italian: Summaries in English and French.]				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Poon,P.W.,Yu,W.Y. & Chan,J.W.				
TITLE				
Correlation between auditory reaction time and intelligence.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
63	2	375-378	ANTHROP SPM STUD CORR ASIA VALD RELI MFSX	A
ABSTRACT				
Discriminative RTs to auditory stimuli were measured for 150 Chinese students, aged 14 to 20, both male and female. SPM and RTs showed a negative correlation, becoming -.03 when slower trials were eliminated. Reliability for SPM was .76 (K-R 20). No sex differences were found.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1986		
<i>AUTHOR</i>				
Powers,S. and Barkan,J.H.				
<i>TITLE</i>				
Concurrent validity of the Standard Progressive Matrices for Hispanic and non-Hispanic seventh grade students.				
<i>JOURN_BOOK</i>				
Psychology in the Schools				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
23	-	333-336	ANTHROP EDUC VALD CORR IQTS KIDS RACE SPM NOA	A.E.
<i>ABSTRACT</i>				
Correlations between the SPM and the California Achievement Test, Reading, Language,and Mathematics Tests were examined for 99 Hispanic and 93 non-Hispanic Caucasian seventh grade students in the Southwest. All correlations were highly significant, indicating concurrent validity of the SPM. Correlations computed separately for Hispanic and non-Hispanic students also were compared. Those differences were not significant. This evidence supports the continued use of the SPM as a measure of non-verbal intellectual ability of Hispanic and non-Hispanic students.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Powers,S., Barkan,J.H. and Jones,P.B.				
TITLE				
Reliability of the Standard Progressive Matrices Test for Hispanic and Anglo-American children.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
62	2		ANTHROP CORR RELI EDUC RACE SPM KIDS NOAM	A.E.
ABSTRACT				
Internal consistency estimates for SPM with 127 Hispanic and 103 Anglo-American 6th graders were compared for reliability coefficients. Estimates were comparable for the two groups. Findings support the continued use of SPM as a non-verbal ability test for students from culturally diverse backgrounds.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Powers,S., Jones,P.B. and Barkan,J.H.				
TITLE				
Validity of the Standard Progressive Matrices as a predictor of achievement of 6th and 7th grade students.				
JOURN_BOOK				
Educational and Psychological Measurement.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
46	-	719-722	ANTHROP EDUC CORR IQTS VALD KIDS RACE SPM NOA M	A.E.
ABSTRACT				
The predictive validity of the SPM was examined with a sample of 212 sixth grade students and 214 seventh grade students. Correlation coefficients between the SPM and the California Achievement Tests of Reading,Language and Mathematics ranged from .34 to.60. Those coefficients were similar in range and magnitude to those coefficients reported by the SPM manual.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Rantakallio,P. & Von Wendt,L.				
TITLE				
Mental retardation and subnormality in a birth cohort of 12,000 children in Northern Finland.				
JOURN_BOOK				
American Journal of Mental Deficiency				
VOLUME	SECTION	PAGES	CODES	INT_CODE
90	4	380-387	CLIN EDUC EURO DFCT KIDS SPM	E.C.
ABSTRACT				
Investigated the occurrence of mental retardation and sub- normality in a one-year birth cohort in Northern Finland, following them up at age 14. Various intellectual measures were obtained on the children, predominantly the Terman- Merrill, while some were given SPM.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Rao,U.				
TITLE				
A comparative study of self-acceptance, test anxiety, intelligence and achievement of scheduled caste and non-scheduled caste high school students.				
JOURN_BOOK				
Indian Psychological Review				
VOLUME	SECTION	PAGES	CODES	INT_CODE
30	3	18-25	ANTHROP ASIA SCLS PERS SPM	A.
ABSTRACT				
Compared 1086 lower middle class and lower class male and female non-scheduled caste and scheduled caste students in the 10th grade in India on measures of self-acceptance, test anxiety and intellectual level as measured by SPM. Scheduled caste students were more self-accepting than their non-scheduled counterparts, in contrast to the general trend of results in the literature. No significant difference on SPM was found between the two groups.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Resnick,S.M., Berenbaum,S.A., Gottesman,I.I. & Bouchard,T.J.				
TITLE				
Early hormonal influences on cognitive functioning in congenital adrenal hyperplasia.				
JOURN_BOOK				
Developmental Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
22	2	191-198	CLIN NOAM PHYS CORR RELI MFSX SPM	C
ABSTRACT				
A battery of cognitive tests, including SPM, and a measure of early childhood activities was given to 17 females and 8 males with congenital adrenal hyperplasia. No sex differences were found on SPM, though the spatial abilities of affected females were significantly elevated compared with unaffected female relatives. Concludes there is an effect of pre- and perinatal androgenizing hormones on the development of spatial ability.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Riding,R.J. & Banner, G.E.				
TITLE				
Sex and personality differences in second language performance in secondary school pupils.				
JOURN_BOOK				
British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
56	-	366-370	EDUC PERS KIDS CORR MFSX SPM UK	E.
ABSTRACT				
Two experiments investigated the relationship between sex and personality and second language performance in secondary school pupils. In Expt. 1, 56 13-14 yr olds were given JEPT, SPM and 2 French tests were given to 48 12-13 yr olds, with similar results.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Riding,R.J. & Tempest, J.				
TITLE				
Spelling and learning style in children.				
JOURN_BOOK				
Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	4	313-320	EDUC PERS KIDS CORR MFSX SPM UK	-
ABSTRACT				
Spelling tests were given to 11 year old boys and girls, together with JEPI and SPM. Spelling performance interacted with extraversion, SPM score and sex.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Sahu,S. & Jena,S.				
TITLE				
Spelling strategies of socially advantaged and disadvantaged children.				
JOURN_BOOK				
Psycho-Lingua				
VOLUME	SECTION	PAGES	CODES	INT_CODE
16	2	85-98	KIDS SPM ASIA EDUC ANTHROP	A. E.
ABSTRACT				
Students in grades 2 and 5 in an Indian school were compared on spelling tests using advantaged and disadvantaged groups of Ss. Intellectual level was assessed using SPM. Disadvantaged Ss produced larger numbers of spelling errors which could not be accounted for by lower SPM scores.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1986		
<i>AUTHOR</i>				
Savell,J.M., Twohig,P.T. & Rachford,D.C.				
<i>TITLE</i>				
Empirical status of Feuerstein's 'Instrumental Enrichment' (FIE) technique as a method of teaching thinking skills.				
<i>JOURN_BOOK</i>				
Journal of Educational Research				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
56	4	381-409	EDUC IQTS KIDS RFIE SPM NOAM	E.
<i>ABSTRACT</i>				
A review of empirical research on FIE as a method of teaching thinking which critically evaluates outcomes. For many of the studies cited, SPM was a dependent variable.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Sen,A.K., Phulia,S.S. & Wasnik,B.K.				
TITLE				
Physical growth and intellectual level: A comparative study between scheduled caste and general caste students.				
JOURN_BOOK				
Indian Journal of Current Psychological Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	2	101-106	ASIA SCLS SPM STUD PHYS FACT ANTHROP	A.
ABSTRACT				
The differences between scheduled-caste and general-caste Indian students on anthropometric measures and intellectual level were assessed with 150 16-18 year old students in each of two groups (scheduled and general caste), using physical measurements and SPM. General-caste Ss excelled in all measurements. Data were factor-analyzed, showing the factor structure of the two groups to be different.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Shyam,R.				
TITLE				
Variations in the concentration of 'g' level abilities among different groups.				
JOURN_BOOK				
Journal of Personality and Clinical Studies				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	2	123-126	EDUC ANTHROP KIDS RACE CORR FACT VALD ASIA SPM	E.A.
ABSTRACT				
Level I and level II abilities for two quite different ethnic groups were assessed. Twenty Harijan and 20 Brahmin boys were given a range of tests including SPM. Correlations between tests are reported and factor analysis produced two factors. Concludes that the two groups are distinct in relation to their g loadings.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Silva,F., Martorell,C. & Clemente,A.				
TITLE				
Socialization and personality: Study through questionnaires in a preadult Spanish population.				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	3	355-372	EURO ANTHROP PERS SPM KIDS RELI CORR MFSX AGES FACT	A
ABSTRACT				
Reports on assessments of 358 Spanish students in grades 6-11 and a further sample of non-delinquent males aged 13 who completed SPM and personality and behaviour scales. Reliability is reported together with correlations with age, sex, intelligence and school performance. Only the scales of Empathy and Consideration towards others showed a positive correlation with SPM performance.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Silvestrini,C., Pellicioni,P., Guareschi,P., Palummeri,E., et al				
TITLE				
Valutazione psicometrica dell'invecchiamento mediante alcuni test di particolare sensibilita. [The psychometric investigation of aging through particularly sensitive tests.]				
JOURN_BOOK				
Rivista Sperimentale di Freniatria e Medicina Legale delle Alienazioni Mentali				
VOLUME	SECTION	PAGES	CODES	INT_CODE
110	1	137-147	ANTHROP CLIN AGES SPM EURO	
ABSTRACT				
Reports on the effects of aging on various psychological tests including SPM. Ss were 150 normal male and female Italian Ss, ages 20-70 years. [Text in Italian: Summary in English.]				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Smilansky,J. & Halberstadt,N.				
TITLE				
Inventors versus problem solvers: An empirical investigation.				
JOURN_BOOK				
Journal of Creative Behavior				
VOLUME	SECTION	PAGES	CODES	INT_CODE
20	3	183-201	SPM ANTHROP EDUC STUD ISRAEL CORR VALD ASIA TIM E	A. E.
ABSTRACT				
An investigation of the capability of Ss to invent and solve high-level problems using 35 Israeli high school students. Screening used APM. Other academic tests were academic grades and a part of the Torrance Creative Battery. Results indicate that the concept of problem invention comes closer to a functional characterization of creativity than does the concept of divergent thought.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1986		
<i>AUTHOR</i>				
Spitzer,J.E.				
<i>TITLE</i>				
The measurement and implications of visual and verbal cognitive styles.				
<i>JOURN_BOOK</i>				
Dissertation Abstracts International.				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
47	4-B	1758	CRIT VERB STUD AGES MFSX SPM NOAM	-
<i>ABSTRACT</i>				
It was hypothesised that verbal thinking and visual thinking represent differences in thinking style. A discriminating questionnaire was used with 361 students and 77 older adults. Half the Ss were required to verbalize while solving SPM. Visual and verbal Ss who verbalized were compared with those who did not verbalize. The problem solving of verbal Ss was facilitated by the act of verbalizing whereas that of visual Ss was impaired by this intervention. There were no major age or six diffences.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Stanton,W.R. & Keats, J.A.				
TITLE				
Intelligence and ordered task complexity.				
JOURN_BOOK				
Australian Journal of Psychology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
38	2	125-131	MISC THEO SPM AUST	-
ABSTRACT				
Eysenck (1979) hypothesized that scores on SPM show an increas- ing correlation with performance on tasks of increasing complexity. To test this hypothesis the reaction times (RTs) of 44 subjects were obtained for four tasks representing four levels of task complexity. Correlations of RTs for the four levels revealed a "simplex" structure indicative of increasing task complexity. Correlations of IQ scores and RT for the increasing levels of complexity were found to be statistically significant but showed no increasing correlational trend. Distinguishing between the level of task complexity and the level of within task difficulty could account for the lack of support for the hypothesis.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Taft,R. & Cahill,D.				
TITLE				
Factors related to bilingual language competence in Lebanese children in Melbourne.				
JOURN_BOOK				
Unpublished study, University of Melbourne				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP CORR VALD KIDS SPM AUST	A.
ABSTRACT				
Sixty children aged 11 and 12, of Lebanese immigrants to Aust-ralia were given ability tests and assessed for attitudes and self-concepts. SPM was found to be correlated with the childrens Embedded Figures Test (.52) and Language Aptitude (.45) as well as various English language tests.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Thomas,P. & McGuire,R.				
TITLE				
Orofacial dyskinesia, cognitive function and medication.				
JOURN_BOOK				
British Journal of Psychiatry				
VOLUME	SECTION	PAGES	CODES	INT_CODE
149		216-220	CLIN PSSS PSAT DRUG AGES UK SPM	C
ABSTRACT				
The presence of tardive dyskinesia in a sample of 43 patients with schizophrenia and 37 psychopaths who had been hospitalized for many years and exposed to large amounts of medication was assessed while testing their cognitive function. SPM was included in tests used. Ss who showed no evidence of abnormal movements performed significantly better on the test of delayed recall, but no differences emerged with any of the other tests of cognitive function.				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Voicu,C. & Nereuta,A.				
TITLE				
[Relation between aptitude level and professional efficiency in operators who control complex supervising and command equipment involving failure and accident producing risk.]				
JOURN_BOOK				
Revista de Psihologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
32	1	17-23	EURO SPM WAIS PERS VOC ANTHROP IQTS	V. A.
ABSTRACT				
35 Romanian adolescents and adults were observed on the job and administered various psychological tests to determine the effect of aptitude level and temperament on professional efficiency. Tests included the WAIS, the EPQ, and SPM. [Text in Romanian: Summary in English.]				

MATRICES		YEAR		
SPM		1986		
AUTHOR				
Vroon,P.A., De Leeuw,J. & Meester,A.C.				
TITLE				
Distributions of intelligence and educational level in fathers and sons.				
JOURN_BOOK				
British Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
77	-	137-142	GENET THEO CORR VALD SPM EURO	G.
ABSTRACT				
Examines hypotheses relating to the environmental and hereditary variables in intelligence, by comparing SPM scores of 2847 father-and-son pairs tested at the same age when being assessed for Dutch military service. The low correlation of +0.33 argues against both traditional interpretations.				

MATRICES YEAR				
SPM	1985			
AUTHOR				
Ananda,S.M.				
TITLE				
Speed of information processing and psychometric abilities in later adulthood.				
JOURN_BOOK				
Unpublished Doctoral Dissertation. University of California.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CRIT CORR SPM NOAM	-
ABSTRACT				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Armfield,A.				
TITLE				
A comparison of high-ability and low-ability pupil scores on SPM at the Primary School attached to S.China Normal University and the Guangzhou School for the Deaf/Mute.				
JOURN_BOOK				
School Psychology International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	1	24-29	EDUC CLIN DEAF PHYS ANTHROP SPM KIDS NORM AGES ASIA	A.E.C.
ABSTRACT				
SPM was given to 1000 Gd 1-5 students at a university-attached primary school and to 280 deaf-mutes aged 8 yrs. Ss perceived as highest and lowest grades and least/most clever were compared. Results show that earning high marks and being considered clever by teachers was associated with a high ability to make observations and reason visually. Normative data for the groups, for ages 7-15 were presented. It appears the norms in the SPM manual are appropriate to the normal children. The test may be helpful for planning purposes with deaf children.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Ashton,G.C.				
TITLE				
Structured exploratory data analysis: A critique.				
JOURN_BOOK				
Behavior Genetics				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15	3	245-249	ANTHROP GENET RACE SPM NOAM	A.
ABSTRACT				
Criticizes the value of the Karlin and Carmelli (1985) data analysis, because of the absence of a test for major genes, lack of provision for partitioning environmental and genetic components, and failure to include tests of hypotheses.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Bajwa,S.				
TITLE				
Piagetian concept of geometry in relation to intelligence at different stages.				
JOURN_BOOK				
Educational Review				
VOLUME	SECTION	PAGES	CODES	INT_CODE
91	5/6	91-93	EDUC PGET AGES ASIA ANTHROP KIDS CORR VALD SPM	E.A.
ABSTRACT				
Investigated the relationship of SPM with the Piagetian concept of Geometry at various ages, with 20 children in each group of ages 7,9,11,12, and 15. Correlations were positive and significant for ages 9,11 and 12.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1985		
<i>AUTHOR</i>				
Baldwin,A.Y.				
<i>TITLE</i>				
Programs for the gifted and talented: Issues concerning minority populations.				
<i>JOURN_BOOK</i>				
In F.Horowitz and M.O'Brien (Eds) The Gifted and Talented: Developmental Perspectives.				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
		223-249	EDUC RACE IQTS KIDS VALD SPM	E.
<i>ABSTRACT</i>				
The Baldwin Identification Matrix (BIM) was designed to test a wide array of assessment strategies for identifying gifted students, and found the most predictive instruments to be standardized achievement test scores, IQ scores, teacher ratings, SPM and the SOI Abilities test.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Banken,J.A.				
TITLE				
Clinical utility of considering Digits Forward and Digits Backward as separate components of the Weschler Adult Intelligence Scale - Revised.				
JOURN_BOOK				
Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
41	5	686-691	CLIN WAIS SPM PPVT CORR VALD NOAM VOC	C.V.
ABSTRACT				
With a rehabilitation sample, examined the utility of Digits Forward and Backward in the assessment of cognitive ability. WAIS, PPVT, and SPM were used, and relationships with digits performance described. Positive correlation of SPM with DF was .43 and with DB was .59.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Bar-Tal,D., Korenfeld,D. & Raviv,A.				
TITLE				
Relationships between the development of helping behavior and the development of cognition, social perspective, and moral judgment.				
JOURN_BOOK				
Genetic, Social and General Psychology Monographs				
VOLUME	SECTION	PAGES	CODES	INT_CODE
111	1	23-40	ASIA ISRAEL KIDS CORR IQTS ANTHROP SPM	A
ABSTRACT				
A study of relationships between helping behaviour development and cognitive, social perspective and moral dvelopment. A sample of 72 Israeli fifth graders was tested, using SPM and the Verbal Intelligence Test, together with behavioural and motivational measures. Positive correlations were found between SPM and level of helping behaviour development, expressed motives, and the Verbal Intelligence Test (.41).				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Berry,D.T. & Webb,W.B.				
TITLE				
Sleep and cognitive functions in normal older adults.				
JOURN_BOOK				
Journal of Gerontology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
40	3	331-335	CLIN AGES WAIS NOAM CORR SPM	C
ABSTRACT				
Data on cognitive and sleep variables were collected from a large normal aging sample. Only two sleep variables (number of awakenings and time in Stage I sleep) correlated (negatively) with cognitive measures (WAIS and SPM).				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1985		
<i>AUTHOR</i>				
Bouchard,T.J. & Segal,N.L.				
<i>TITLE</i>				
Environment and IQ				
<i>JOURN_BOOK</i>				
Chap. 10 in B.B.Wolman (Ed) Handbook of Intelligence New York: John Wiley and Sons				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
		391-	CRIT PHYS SPM	
<i>ABSTRACT</i>				
Selectively reviews the influence of environmental factors on IQ. Includes discussion of the evidence on the effects of severe malnutrition on the developing brain, and draws on the Dutch study of Stein et al. (1972) of 19 year olds who had suffered starvation during the Second World War, and subsequently completed SPM at the time of military service. Interpretations of this work are offered.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1985		
<i>AUTHOR</i>				
Burke,H.R.				
<i>TITLE</i>				
Raven's Progressive Matrices (1938): More on norms, reliability and validity.				
<i>JOURN_BOOK</i>				
Journal of Clinical Psychology				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
41	2	231-245	CRIT WAIS IQTS VALD RELI CORR SPM NOAM NORM	N
<i>ABSTRACT</i>				
Reports new American age norms for SPM, based on 500 vocational and 2992 psychiatric subjects in a VA setting. Split-half reliability was 0.96., but less reliable in the lower scores ranges. SPM correlated with full WAIS (r=0.66) and WAIS verbal IQ (r=0.65). There was a positive relationship with years of education ranging from 0.21 to 0.40.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Cernovsky,Z.				
TITLE				
MMPI and nightmares in male alcoholics.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
61	-	841-842	CLIN PSAT DRUG MMPI WAIS CORR SPM NOAM	C.
ABSTRACT				
An MMPI study of nightmare frequency in which WAIS Vocabulary and SPM were used as base measures of intellectual functioning. The two groups of male alcoholics and addicts did not differ on SPM mean scores.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Cernovsky,Z.				
TITLE				
MacAndrew alcoholism scale and repression : Detection of false negatives.				
JOURN_BOOK				
Psychological Reports				
VOLUME	SECTION	PAGES	CODES	INT_CODE
57	-	191-194	CLIN PSAT DRUG CORR PERS SPM NOAM	C.
ABSTRACT				
In a study of positive and negative findings for alcoholics and the MacAndrew Scale, the 105 male alcoholics were divided into groups. Comparisons on age, education and scores on SPM showed no differences.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Cernovsky,Z.				
TITLE				
Relationship of the masculinity-femininity scale of the MMPI to intellectual functioning.				
JOURN_BOOK				
Psychological Reports				
VOLUME	SECTION	PAGES	CODES	INT_CODE
57	-	435-438	CLIN PSAT PERS DRUG MMPI CORR WAIS SPM NOAM	C.
ABSTRACT				
In a study of 97 male chronic alcoholics and other addicts, scores on SPM and on a multiple choice version of the WAIS Vocabulary subtest were significantly correlated. The Masculinity-femininity scale of MMPI, correlated .30 with SPM IQ equivalent.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Chadha,N.K. & Ghose, P.				
TITLE				
A factor analytic study of creativity, risk taking behaviour, intellectual capacity and frustration.				
JOURN_BOOK				
Perspectives in Psychological Researches				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	2	12-16	EDUC PERS STUD SPM ASIA	E.
ABSTRACT				
A sample of 135 students in years 11 and 12 were tested on the Torrance Tests of Creative Thinking, SPM and a frustration test. Four significant factors emerging were identified as "reactions to frustration", "divergent thinking", "intellectual productiv- ity and avoidance of frustrating ideas" and "risk leading to frustration".				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1985		
<i>AUTHOR</i>				
Chatterjea,R.G. & Paul,B.				
<i>TITLE</i>				
Effects of intelligence on social desirability and field independence.				
<i>JOURN_BOOK</i>				
Psycho-lingua				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
13	2	115-124	ANTHROP ASIA PERS SPM STUD CORR	A
<i>ABSTRACT</i>				
SPM was used as a measure of intellectual ability in a study of the role of intelligence in field-independence and social desirability, using 65 urban and 65 rural undergraduate Ss from Calcutta. EPI was used as a personality measure.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Cristante,F.				
TITLE				
Relationship between convergent and divergent thinking processes in children: a non-parametric approach.				
JOURN_BOOK				
Archivio di Psicologia, Neurologia e Psichiatria				
VOLUME	SECTION	PAGES	CODES	INT_CODE
46	1	79-88	EDUC KIDS EURO SPM	E.
ABSTRACT				
Measured divergent (Torrance Test of Creative Thinking) and convergent thinking using SPM to assess 10-yr-old elementary school children in Italy. Teachers were asked to judge stories and drawings for originality. High levels of verbal and figural creative abilities were found to be linked to a combination of high divergent and convergent thinking processes. [Text in English: Summary in Italian.]				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Cristante,F., Lis,A. & Gugliotta,M.				
TITLE				
[The perception of the behavior of others in a sample of adult subjects: Contribution to the study of Social Intelligence Test conducted by O'Sullivan, Guilford, and De Mille.]				
JOURN_BOOK				
Bollettino di Psicologia Applicata				
VOLUME	SECTION	PAGES	CODES	INT_CODE
	175	29-37	ANTHROP WAIS SPM FACT IQTS VALD EURO	
ABSTRACT				
A development of the survey of interpersonal values using various statistical techniques to demonstrate its reliability and validity. As part of this study of 476 adults, SPM and parts of the WAIS were also used. In a factor analysis of results, SPM loaded .89 on Factor 1. [Text in Italian: Summary in English]				

MATRICES YEAR				
SPM		1985		
AUTHOR				
DJAP,D.D.				
TITLE				
Proverbial understanding and the development of part-whole reasoning skills.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
45	09	2802	EDUC SPM KIDS NOAM	E.
ABSTRACT				
Gamlin's (1975) thinking skills model was used to develop an instrument - the Linguistic Analysis of Thinking Skills (LATS) to assess the understanding children have for proverbs. The set of nonliteral accuracy and preference scores was found to relate significantly to the SPM subtest scores.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Eastwood,L.				
TITLE				
Personality, intelligence and personal space among violent and non-violent delinquents.				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	6	717-723	CLIN PERS SPM IQTS CRIM UK	C
ABSTRACT				
A study undertaken with violent offenders to investigate the possible confounding effects of personality and intelligence differences on the relationship bewteen aggressive behaviour and spatial use. Verbal (GATB) and non-verbal (SPM) measures were obtained, together with a personality measure (PEN). A significant effect was found between violence, Psychoticism and SPM level such that inmates exhibited augmented personal space in relation to non-violent inmates only in the cases of those scoring low on SPM and high on P.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Edmonds,E.M. & Smith,L.R.				
TITLE				
Students' performance as a function of sex, noise, and intelligence.				
JOURN_BOOK				
Psychological Reports				
VOLUME	SECTION	PAGES	CODES	INT_CODE
56	3	727-730	EDUC SPM MFSX KIDS NOAM	E.
ABSTRACT				
Sixth-grade students were subjected to two levels of classroom noise and the effects of this were related to intelligence level assessed by SPM and gender. Ss in low-noise conditions performed better on SPM than those under high-noise conditions. On reading tasks an interaction between intelligence and level of noise was found. No sex-differences on SPM were found.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Fletcher,S.G., Smith,S.C. & Hasegawa,A.				
TITLE				
Vocal/verbal response times of normal-hearing and hearing- impaired children.				
JOURN_BOOK				
Journal of Speech and Hearing Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28	4	548-555	NOAM EDUC CLIN PHYS KIDS DEAF SPM	E.C.
ABSTRACT				
A series of experiments on vocal/verbal RT measures with 16 hearing and 25 impaired children, ages 7-14.The relation of latency to intelligence was assessed using SPM to define high and low ability groups.				

MATRICES YEAR				
SPM		1985		
AUTHOR				
FOORMAN,B.R., ET AL				
TITLE				
The effect of visual and verbal strategies on children's solution of figured matrices in Japan and the United States.				
JOURN_BOOK				
Paper presented in part at the Annual Meeting of the American Educational Research Association, Chicago.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			EDUC SPM MFSX CORR SIME NOAM	E
ABSTRACT				
Examined the effectiveness of training Japanese and American children with a visual animation/construction or verbal labelling strategy for solving computerized geometric matrices that were correctly or incorrectly completed and varied in number of elements and number of transformations. The SPM was administered.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Foorman,B.R., Sadowski,B.R. & Basen,J.A.				
TITLE				
Children's solutions for figural matrices: Developmental differences in strategies and effects of matrix characteristics.				
JOURN_BOOK				
Journal of Experimental Child Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
39	1	107-130	EDUC SPM KIDS AGES CORR NOAM	E
ABSTRACT				
Two experiments investigated strategies for solving geometric matrices: one tested 90 boys and girls aged 7, 10 and 13 : the second tested 30 ten-year olds. SPM was used, together with some constructed matrices with correct and incorrect solutions. Speed of performance and time to self-termination were examined at the different ages.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Gabel,S., et al.				
TITLE				
Neuropsychological functioning in children with immunodeficiency disorders.				
JOURN_BOOK				
Journal of Developmental and Behavioral Pediatrics				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	3	154-156	CLIN NUSY KIDS PHYS WISC SPM BRDM NOAM	C
ABSTRACT				
A group of 6 children,ages 9-17 years, with various types of immunodeficiency disorders, was examined using neuropsychological and intellectual measures, including WISC-R and SPM, and found to be impaired on perceptual speed,visuospatial sequencing and visual attention span capacities.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Geffert,E.				
TITLE				
Motivationale Grundlagen der mathematischen Begabung. [Motivational foundations of mathematical giftedness.]				
JOURN_BOOK				
Zeitschrift fur Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
193	4	431-441	EDUC PERS ANTHROP SPM	A. E.
ABSTRACT				
Investigated the motivational and personality characteristics of a mathematically gifted group of Ss and a control group using intelligence, personality and motivational measures. SPM and CPI were included. Motivational factors were found to be associated with high mathematical performance. [Text in German: Summaries in English and Russian.]				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Gizella,J.				
TITLE				
[Selected problems of metaphor psychology in contemporary Polish poetry in the light of experimental theory and studies.]				
JOURN_BOOK				
Przegląd Psychologiczny				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28	1	123-141	ANTHROP EDUC PERS EURO SPM	A. E.
ABSTRACT				
A group of 86 Ss were studied in relation to their use of semantic strategies in the context of Polish poetry. Ss were given the EPI Guilford's Tests of Creative Thinking, and SPM. Results indicate that Ss used three different semantic strategies --rhetorical, anti-rhetorical and polysemous (mixed). [Text in Polish: Summaries in English and Russian.]				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
JOHNSON,B.B.				
TITLE				
Predictors of Stanford-Binet Intelligence scores among potentially gifted first and second grade students.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
45	09	2848	EDUC SPM GIFT KIDS NOAM	E.
ABSTRACT				
One of the objectives of this study was to validate positive correlations between four group IQ tests, (Short-Form Test of Academic Aptitude, Cognitive Abilities Test, Otis-Lennon Mental Ability Test and the SPM) and the Stanford-Binet Intelligence Scale. Of the group IQ tests, the Cognitive Abilities Test demonstrated the highest correlation with the Stanford-Binet and the SPM exhibited the highest effectiveness and efficiency ratios in deliniating Stanford-Binet IQ's above 120. It was concluded that group IQ tests are not suitable substitutes for individual intelligence scales and group IQ test scores are not directly comparable or interchangeable.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Karlin,S. and Carmelli,D.				
TITLE				
A study of familial resemblance for two cognitive psychometric tests by permutation analyses.				
JOURN_BOOK				
Behavior Genetics				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15	3	223-244	ANTHROP GENET MFSX RACE IQTS SPM NOAM	A.
ABSTRACT				
Applied structured exploratory data analysis methodology to scores on SPM and PMA (Vocab) of Caucasian and Japanese families. Both tests found pronounced spouse closeness and parent child similarity. Sex assymetries in parent-child closeness, which also differed between ethnic groups, were found. Deductive reasoning abilities of daughters were relatively closer to those of their parents in the Japanese-Americans, than in the Caucasians. The opposite was true with respect to parent-son closeness measures.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Kundu,R.N. and Maiti,B.				
TITLE				
Isolated children : A psychological study.				
JOURN_BOOK				
Indian Educational Review				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10	2	28-38	ANTHROP EDUC KIDS PERS SPM ASIA	A.E.
ABSTRACT				
A sample of 300 school children aged 7.5 to 12.5 years was assessed with socio-metric and personality tests, SPM and an achievement record. Isolated children were found to differ from popular and normal children on several psychological factors determining personality development and in some important social factors determining their cultural and environmental background.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Laczo,Z.				
TITLE				
The nonmusical outcomes of music education: Influence on intelligence? Tenth International Seminar: Research in music education (1984, Victoria, Canada).				
JOURN_BOOK				
Bulletin of the Council for Research in Music Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
	85	109-118	SCLS SPM KIDS EDUC NOAM	E.
ABSTRACT				
Explored the effect of music education on performance on SPM with 430 third- and sixth-graders. Ss were taken from a school for intensive music education, one of intensive language instruction, and a school with normal curriculum. SES was taken into account, and it was concluded that music education does encourage the development of cognitive functions, and this development can offset negative effects of SES.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1985		
<i>AUTHOR</i>				
Lamar,M.G.				
<i>TITLE</i>				
The Raven or 1-E Locus as measures of high ability.				
<i>JOURN_BOOK</i>				
Dissertation Abstracts International				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
46	9-A	2568	EDUC ANTHROP PERS KIDS RACE CORR SPM NOAM	E.A.
<i>ABSTRACT</i>				
A comparison of gifted and regular students in grades 9-12 on SPM and Rotter Internal-External Locus of Control Scale. Anglo and other ethnic groups were included, and results on school performance analysed. Appropriateness of such tests for various ethnic groups is discussed.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1985		
<i>AUTHOR</i>				
Lowman,R.L., Williams,R.E. & Leeman,G.E.				
<i>TITLE</i>				
The structure and relationship of college women's primary abilities and vocational interests.				
<i>JOURN_BOOK</i>				
Journal of Vocational Behavior				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
27	3	298-315	VOC SPM IQTS STUD CORR PERS NOAM FACT VALD	V
<i>ABSTRACT</i>				
Administered tests of primary abilities corresponding to Holland's six vocational interest types, including SPM to 149 undergraduates. Factor analysis showed the abilities to be structured similarly to Holland's model, and loaded .74 on the first factor.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Masny,D. and D'Anglejan,A.				
TITLE				
Language, cognition and second language grammaticality judgments.				
JOURN_BOOK				
Journal of Psycholinguistic Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	2	175-197	EDUC STUD SPM VERB NOAM	E
ABSTRACT				
74 francophone students in advanced English-as-a-second-language classes were tested on SPM and other measures to investigate the relationship between second language and cognitive variables. Contrary to expectation, SPM did not correlate with language acquisition proficiency.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Merriman,W.E., Keating,D.P. and List,J.A.				
TITLE				
Mental rotation of facial profiles: Age-, sex- and ability- related differences.				
JOURN_BOOK				
Developmental Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
21	5	888-890	EDUC SPM AGES CORR MFSX KIDS NOAM	E
ABSTRACT				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Miklova,J.				
TITLE				
Motivacne cinitele u matematicky nadanych ziakov. [Motivation factors in mathematically talented pupils.]				
JOURN_BOOK				
Psychologia a Patopsychologia Dietata				
VOLUME	SECTION	PAGES	CODES	INT_CODE
20	5	411-422	EDUC ANTHROP KIDS SPM PERS EURO	
ABSTRACT				
Describes the relationship between achievement motivation and a personality evaluation on success in maths. SPM was also used. Implications of the findings for academic success and creativity in school children are discussed. [Text in Slovak: Summaries in Russian and English.]				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Mohan,J. and Sangeetha Bhatia				
TITLE				
Intelligence, sex and psychomotor performance.				
JOURN_BOOK				
Indian Psychological Review				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28	3	1-6	ANTHROP MFSX ASIA KIDS CORR DFCT SPM	A.
ABSTRACT				
Psychomotor performance as a function of intelligence (SPM) and sex was explored with three groups of children (gifted, normal and retarded), with SPM used to define ability levels in the upper two groups. Higher intelligence correlated with better performance on psychomotor tasks.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Mohan,J. and Sangeetha Bhatia.				
TITLE				
Intelligence, sex and psychomotor performance.				
JOURN_BOOK				
Indian Psychological Review				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28	30	1-6	EDUC MFSX CORR KIDS DFCT SPM ASIA	E.
ABSTRACT				
From groups in normal schools and an institution, 3 groups of 20 school children aged 10-14 were selected to represent gifted, normal and educable retardates. Backward Figure writing, a tapping test and SPM were administered. Psychomotor performance was positively correlated with intelligence, sex and task specificity.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Mohan,V. & Banth,S.				
TITLE				
Performance of arts, science and languages students on Standard Progressive Matrices.				
JOURN_BOOK				
Psycho-lingua				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15	2	113-115	ANTHROP EDUC STUD ASIA VOC SLCT SPM	A.E.
ABSTRACT				
A group of 525 students from arts, science and language faculties at Punjab University were assessed with SPM to determine whether such a measure can assist with significant discriminations which are made at that stage of academic progress . Significant differences between the three groups were found, with science students the highest.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Mohan,V. & Dhingra,A.				
TITLE				
Paired associate learning as a function of knowledge of results, academic achievement, and extraversion.				
JOURN_BOOK				
Journal of Psychological Researches				
VOLUME	SECTION	PAGES	CODES	INT_CODE
29	2	99-105	ANTHROP SPM EDUC FACT PERS MFSX ASIA	A.E.
ABSTRACT				
250 Indian boys and 250 girls, aged 11-16 yrs, were assessed: personality type, achievement level, sex, and knowledge of frequency of results on a paired associate learning task were included in a factorial design. SPM was an independent variable used to distinguish under-achievers.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Okasha,A.				
TITLE				
Academic difficulty among male Egyptian university students: II. Associations with demographic and psychological factors.				
JOURN_BOOK				
British Journal of Psychiatry				
VOLUME	SECTION	PAGES	CODES	INT_CODE
146		144-150	VOC PERS WBIT STUD SCLS AFRICA SPM ANTHROP	A.V.
ABSTRACT				
A comparison of 178 students with academic problems with 77 successful students Various psycho-social variables distinguished the groups. The problem students also scored lower on SPM and on Wechsler Bellevue Verbal IQ.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Osuji,O.N.				
TITLE				
Personality factors in acceptance of loss among the physically disabled.				
JOURN_BOOK				
Psychological Record				
VOLUME	SECTION	PAGES	CODES	INT_CODE
35	1	23-28	ANTHROP CLIN PHYS PERS AFRICA SPM	A
ABSTRACT				
330 physically disabled people in a rehabilitation course were given SPM, MPI and the Acceptance of Loss Scale, with ALS repeated after five weeks. Three disability groups were identified - visible, hidden and sensory/mental handicaps.Mean scores on MPI and SPM were compared across groups. Personality factors were the only significant source of variance in acceptance of loss.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Ruchalla,E. Schalt,E. & Vogel,F.				
TITLE				
Relations between mental performance and reaction time: New aspects of an old problem.				
JOURN_BOOK				
Intelligence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	2	189-205	ANTHROP STUD SPM CORR EURO IQTS SIME	
ABSTRACT				
Using 486 Ss of high intelligence, relationships between simple and complex RT and psychometric tests of mental performance (including SPM) were assessed. A non-significant negative correlation was found with RT measures and SPM. - - - - -				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Seltzer,C.C. & Oechsli,F.W.				
TITLE				
Psychosocial characteristics of adolescent smokers before they started smoking : evidence of self-selection.				
JOURN_BOOK				
Journal of Chronic Diseases				
VOLUME	SECTION	PAGES	CODES	INT_CODE
38	1	17-26	EDUC CLIN PERS PPVT KIDS SPM NOAM	E.C.
ABSTRACT				
A study of 563 boys and 564 girls at ages 15-17, previously assessed at age 10 prior to the adoption of smoking. Eventual smokers showed significantly greater prevalence than non smokers of Type A personality traits, extraversion, psychoticism, anger and restless sleep. They were lower in SES, and scored lower on SPM and PPVT. Trends were consistent for both sexes.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Sethi,A. & Patel,D.				
TITLE				
Creativity, intelligence, emotional maturity and self-acceptance in relation to teacher effectiveness.				
JOURN_BOOK				
Asian Journal of Psychology and Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15	4	24-27	EDUC PERS FACT SPM ANTHROP ASIA	E.
ABSTRACT				
Using SPM as a measure of intellectual functioning with 210 high school teachers, found that teachers high on intelligence, creat- ivity and emotional maturity were more effective than those low on those variables.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Sobota,W.L., Restum,W.H. & Rivera,E.				
TITLE				
A case report of Gerstmann's Syndrome without aphasia.				
JOURN_BOOK				
International Journal of Clinical Neuropsychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	3	157-164	CLIN NUSY NOAM BRDM WAIS SPM	C
ABSTRACT				
A case study of a 52 yr old man with a focal left parietal lesion, evaluated for aphasia and with neuropsychological tests. Initially he displayed a classical Gerstman's syndrome. On the WAIS he obtained a Performance IQ of 72, and on SPM scored below the 5th percentile.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Taschinski,R.				
TITLE				
Eine untersuchung zur Kulturfairness der Progressiven Matrizen von Raven gegenüber türkischen Kindern in Deutschland. (A study of cultural bias on SPM for Turkish children in Germany)				
JOURN_BOOK				
Psychologie in Erziehung und Unterricht				
VOLUME	SECTION	PAGES	CODES	INT_CODE
32	3	229-239	ANTHROP KIDS RACE CORR AGES SPM EURO	A.
ABSTRACT				
A German version of SPM was given to 330 German schoolchildren of Turkish descent. Ss showed greater test score variability than did German standardization samples. Age of S arrival correlated highly with age norm test scores and suggests test is not completely free of cultural bias. [Text in German: English summary]				

MATRICES	YEAR			
SPM	1985			
AUTHOR				
Todman,J.B. & Gibb,C.M.				
TITLE				
High speed memory scanning in retarded and non-retarded adolescents.				
JOURN_BOOK				
British Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
76	1	49-57	CLIN UK CORR DFCT BRDM KIDS CPM SPM	C
ABSTRACT				
Four groups of 13-14 yr-olds, classified on either CPM or SPM as intellectually above average, average, below average or retarded, were Ss in a Sternberg type memory task in which memory sets of two, three and four letters were used. Intercept values of the memory search function decreased with higher intelligence up to the average level.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Van den Burg,W., Saan,R.J., Van Zomeren.A.H., Boontje,A.H.,Haaxma,R. & Wichmann,T.E.				
TITLE				
Carotid endarterectomy: Does it improve cognitive or motor functioning?				
JOURN_BOOK				
Psychological Medicine				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15	2	341-346	CLIN PHYS EURO BRDM SPM	C
ABSTRACT				
In a group of 20 patients who were to indergo endarterectomy for occlusive disease if the internal carotid artery, the stenosis did not appear to have resulted in cognitive or motor deficits. SPM and psychomotor tasks were used prior to surgery and repeated 10 weeks later. Surgery could not be shown to have a beneficial effect on cognitive or motor functioning.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Voicu,C. & Nereuta A.				
TITLE				
Relation between aptitude level and professional efficiency with operators who control complex supervising and command equipment involving failure and accident producing risks.				
JOURN_BOOK				
Revue Roumaine des Sciences Sociales Serie de Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
29	2	31-137	VOC EURO ANTHROP IQTS SPM WAIS PERS	V. A.
ABSTRACT				
The relationship between aptitude and professional efficiency was measured in 35 machine operators aged 18-45 years. SPM, other intellectual measures, and personality tests were used. Results correlated significantly with professional efficiency. Aptitude measures predicted work efficiency of subjects in an average social and professional environment.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1985		
<i>AUTHOR</i>				
WALTERS,P.R.				
<i>TITLE</i>				
Intelligence as information processing: The effects of simple reaction time on the relationship between IQ tests and the slope of reaction time as a function of bits of information.				
<i>JOURN_BOOK</i>				
Dissertation Abstracts International				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
46	06	1573	EDUC SPM SIME CORR NOAM	E.
<i>ABSTRACT</i>				
The effect of simple reaction time (SRT) on the relationship between estimates of intelligence and the slope of the regression line of reaction time as a function of bits of information was investigated by correlating slopes with and without SRT with both the SPM and the Scholastic Aptitude Test. The hypothesis that SRT has a significant negative effect on the relationship between intelligence tests scores and slope of reaction time was not accepted.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Watts,W.J.				
TITLE				
An error analysis on the Raven's using Feuerstein's deficient cognitive functions.				
JOURN_BOOK				
Alberta Journal of Educational Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
31	1	41-53	EDUC RFIE SPM KIDS ITEM NOAM	E
ABSTRACT				
A study reporting an attempt to operationalize several deficient cognitive functions, as identified with Feuerstein's LPAD, focussing on the Input and the Elaborational phases. The test sample was of elementary and junior high students, and through analysis of LPAD data. Correlations between reanalyzed clinical protocols of the LPAD and rescored SPM were significant for both input and elaboration phases.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Whyte,J., Curry,C. & Hale,D.				
TITLE				
Inspection time and intelligence in dyslexic children.				
JOURN_BOOK				
Journal of Child Psychology and Psychiatry and Allied Disciplines				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	3	423-428	EDUC CLIN KIDS UK SPM	
ABSTRACT				
Dyslexics and normal readers, aged 9-11, were compared on an inspection time task. Results indicated that dyslexics required significantly longer inspection times. The findings suggested that there was greater individual variation among dyslexics than among normal readers, and that the dyslexics benefitted from practice to a considerable extent. Inspection times were not significantly correlated with SPM scores.				

MATRICES		YEAR		
SPM		1985		
AUTHOR				
Zeidner,M.				
TITLE				
A Cross-cultural test of the situational bias hypothesis.				
JOURN_BOOK				
Evaluation and Program Planning.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8		367-376	ANTHROP SPM KIDS RELI VALD SCLSTHEO ISRAEL	A
ABSTRACT				
The aim of the study was to test the assumption within the Israeli educational context, that the relatively poor mean performance of disadvantaged students on conventional ability tests is due, in part, to extraneous situational factors, systematically disadvantageous to their test performance. Two experiments were carried out. In the first, data was gathered from 288 elementary school pupils attending two socioculturally divergent neighbourhood schools, catering to middle class and disadvantaged populations respectively. It centred on the interaction between sociocultural group characteristics and each of two situational factors, namely, test atmosphere (formal vs. game context) and examiner				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Agrawal,N., Sinha,S.N. & Jensen,A.R.				
TITLE				
Effects of inbreeding on Raven Matrices.				
JOURN_BOOK				
Behaviour Genetics				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	6	579-585	GENET RACE AGES SCLS CORR SPM ASIA	G.
ABSTRACT				
Indian Muslim school boys, ages 13-15 years, whose parents are first cousins, were compared with classmates whose parents are genetically unrelated on the SPM. The inbred group (N=86) scored significantly lower and had significantly greater variance than the noninbred group (N=100), both on raw scores and on scores statistically adjusted to control for age and socioeconomic status. Genetic theory predicts both of these effects for a polygenic trait with positive directional dominance.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Anantharaman,R.M. & Kabir,R.				
TITLE				
A study of Yoga.				
JOURN_BOOK				
Journal of Psychological Researches				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28	2	97-101	ASIA PHYS PERS CORR SPM ANTHROP	A
ABSTRACT				
Studied the effects of Yoga with 11 female teachers. Anxiety, memory and cognitive ability (SPM) were assessed before and after 3 months of training. Significant changes occurred on all measures except anxiety.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Babu,N.				
TITLE				
Perception of syntactic ambiguity by bilingual and unilingual tribal children.				
JOURN_BOOK				
Psycho-lingua				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	1	47-54	ASIA KIDS EDUC SPM CORR ANTHROP	A.E
ABSTRACT				
Examined the effect of bilingualism with two Indian groups of children on the detection of syntactic ambiguity. SPM was used as a measure of intellectual ability for matching groups. Bilinguals were better at dealing with ambiguity and this was not a function of intellectual level.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Basavanna,M. & Rani,M.U.				
TITLE				
Differential impact of social and economic factors on intellective and scholastic abilities.				
JOURN_BOOK				
Journal of Psychological Researches				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28	-	121-128	ANTHROP SCLS ASIA KIDS SPM	A
ABSTRACT				
Investigated the impact of caste level and economic status on intellectual and educational abilities of 40 7th and 8th grade boys. No differences were found between Ss on SPM for presence or absence of social and economic handicap.				

MATRICES YEAR				
SPM		1984		
AUTHOR				
Bethell-Fox,C.E., Lohman,D.F., & Snow,R.E.				
TITLE				
Adaptive Reasoning: Componential and eye movement analysis of geometric analogy performance				
JOURN_BOOK				
Intelligence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8		205-238	CRIT NOAM SPM SIME CORR	
ABSTRACT				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Bhadra,B.R. & Girija,P.R.				
TITLE				
A study of ability, study habits and skills, values and personality characteristics of high and low achieving Scheduled Caste and Tribe students.				
JOURN_BOOK				
Psychological Studies				
VOLUME	SECTION	PAGES	CODES	INT_CODE
29	1	13-17	ANTHROP STUD PERS SCLS EDUC ASIA SPM	A.E.
ABSTRACT				
Examined effects of past academic performance, ability (SPM), study habits and study skills on 120 undergraduates. Highest achieving Ss scored better on past performance, SPM and study skills than low achievers. Other personality differences are also reported.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Cernovsky,Z.				
TITLE				
Stability of Clarke-WAIS Vocabulary scores in chronic alcoholics and drug addicts.				
JOURN_BOOK				
The Ontario Psychologist				
VOLUME	SECTION	PAGES	CODES	INT_CODE
16	1	11-12	CLIN DRUG PSAT CORR WAIS RELI SPM NOAM	C.
ABSTRACT				
Describes the testing and retesting of 55 inpatient alcoholics and drug addicts with a multiple choice WAIS Vocabulary Scale, and SPM. Time intervals between retesting ranged from 10 days to 75 months (mean of 20.6 months). Retest reliability coefficients for SPM were .81 and .75 and indicate that SPM is a suitable measure in this context.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Chan,J.				
TITLE				
Raven's Progressive Matrices Tests in Hong Kong.				
JOURN_BOOK				
New Horizons				
VOLUME	SECTION	PAGES	CODES	INT_CODE
25	-	43-49	ANTHROP EDUC NORM VALD CORR MFSX KIDS FACT RA CE SPM CPM APM ASIA CHAN	A.E.
ABSTRACT				
Reports findings with Hong Kong primary school pupils of both sexes at 4, 5 and 6 grades (N=2000 at each level) drawn from a representative sample of schools. Prestigious school students performed at a higher level and were more homogeneous: SPM performance correlated highly with achievements and academic performance accounted for more than 50% of total variance. Boys performed better than girls only at 4th grade. Hong Kong norms were consistently higher than reported British norms.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1984		
<i>AUTHOR</i>				
CORMICLE,D.W.				
<i>TITLE</i>				
Effects of self-verbalization and cognitive tempo upon logical abilities of children.				
<i>JOURN_BOOK</i>				
Dissertation Abstracts International				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
45	05	1340	EDUC SPM KIDS VERB NOAM	E.
<i>ABSTRACT</i>				
Fourth grade subjects were tested with the Matching Familiar Figures Test 20, a measure of cognitive impulsivity, and then with the SPM, administered under two conditions: standard group subjects received standard instructions, while verbalization group subjects were instructed to verbalize aloud while solving the SPM items. Analysis showed that errors on the impulsivity test were significantly related (r=.34) to errors on the SPM. Verbal elaborative procedures resulted in significantly fewer errors on the SPM, with prior differences in impulsivity verbal ability and age as covariates. However as correlations between errors on the impulsivity test and Raven Matrices were similar for subjects in				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Coward,C.A. & McCallum,R.S.				
TITLE				
Simultaneous-successive processing across the life-span: A cross-sectional examination of stability and proficiency.				
JOURN_BOOK				
Experimental Aging Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10	4	225-229	CLIN AGES FACT STUD VALD NOAM SPM SISU	C
ABSTRACT				
Young adults and elderly Ss were given a battery of tests sensitive to simultaneous-successive cognitive processing. Factor analytic data supported the basic stability of the Luria-Das model across the life-span. Differences in loadings between groups are discussed, as are quantitative deficits in the performance of the elderly.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Danaila,L. & Golu,M.				
TITLE				
Psychobehavioural disturbances in hypophyseal tumours.				
JOURN_BOOK				
Revue Roumaine des Sciences Sociales Serie de Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28	1	73-79	CLIN SPM PHYS EURO ANTHROP	C.
ABSTRACT				
Reports on psychobehavioural changes associated with tumors of the pituitary gland in 30 adult patients who were given medical examinations together with neurological testing and psychological tests including SPM. Results indicate that the primary disturbances caused by hypophyseal tumors were somatic. Psychological disturbances appear to be secondary.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
De Lemos,M.M.				
TITLE				
A note on the Australian norms for the Standard Progressive Matrices.				
JOURN_BOOK				
Bulletin for Psychologists (ACER Melbourne)				
VOLUME	SECTION	PAGES	CODES	INT_CODE
36	-	9-12	CRIT ANTHROP NORM SPM AUST	A.N
ABSTRACT				
Reports recent studies of SPM, using the 1938 version with time limits, in Australia and New Zealand. Concludes that the Austral- ian norms (derived in 1949 and 1952-3) are no longer applicable, and foreshadows restandardisation of the timed administration. Meantime, the British norms are appropriate when the test is given untimed.				

MATRICES YEAR				
SPM		1984		
AUTHOR				
Dey,B.				
TITLE				
The relationship of creativity to intelligence and academic achievement of national rural talent scholarship awardees.				
JOURN_BOOK				
Ph.D. Thesis, Utnal University, Orissa				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP CORR SLCT STUD VALD RELI SPM ASIA	A.
ABSTRACT				
The KR20 reliability of SPM was found to be 0.91. SPM was validated against the Award Selection Test scores and the Total School Achievement of the Scholarship holders. The results indicated that SPM was valid.				

MATRICES YEAR				
SPM		1984		
AUTHOR				
EDMONDS,E.M.,SMITH,L.R.				
TITLE				
The effects of classroom noise on student performance.				
JOURN_BOOK				
Paper presented at the Annual meeting of the American Educational research association, New Orleans, US				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			EDUC SPM MFSX KIDS NOAM	E
ABSTRACT				
289 school children were randomly assigned either the SPM or a reading test (STEP III) to be taken under high or low noise classroom conditions, with gender and intelligence as variables. Children taking the SPM while listening to low levels of previously recorded classroom noise performed better than children in the high-noise level group. Students with above average intelligence did significantly better on both tests in both noise settings. Sex was not a significant variable.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Estroff,T.W. et al.				
TITLE				
Maternal psychopathology and perception of child behavior in psychiatrically referred and child maltreatment families.				
JOURN_BOOK				
Journal of the American Academy of Child Psychiatry				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23	6	649-652	CLIN PERS PSAT SPM	C
ABSTRACT				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
FAST,H.K.				
TITLE				
Application of latent trait theory to Raven's Standard Progressive Matrices.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
46	06	1559	EDUC SPM KIDS CPGM NOAM	E.
ABSTRACT				
This study applied a modification of Rasch's (1980) one-parameter latent trait logistic model to an extant data set of the SPM item responses. The data, from 2,703 Puerto Rican students, grades 3 to 10 were collected as part of a project to develop normative data for the RPM. The Rasch Logistic Analysis (RLA) computer program was applied to the data. The failure of the model to fit the data resulted in rejection of the applicability of RLA to Raven's SPM for the purposes of tailored testing. Further research is encouraged to determine why SPM data did not lend itself to a tailored testing.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Fehrenbach,R.A., Wallesch,C.W. & Claus,D.				
TITLE				
Neuropsychological findings in Friedrich's ataxia.				
JOURN_BOOK				
Archives of Neurology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
41	3	306-308	ANTHROP CLIN SPM PHYS IQTS BRDM EURO	A.C
ABSTRACT				
Fifteen patients with Friedrich's ataxia took a neuropsychological battery. They showed impairment on tests of spatial construction, but no impairment on SPM.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Freeman,M.C.				
TITLE				
The effect of cultural variables on the Goodenough-Harris Drawing Test and the Standard Progressive Matrices.				
JOURN_BOOK				
Unpublished M.A. Dissertation, University of the Witwatersrand, Johannesburg				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			ANTHROP KIDS AFRICA IQTS RACE SPM	A
ABSTRACT				
Assessing 8-12 yr old black children in S. Africa, from rural and urban backgrounds, found that urban children performed better on SPM than did rural children. Concludes that the cognitive style needed to solve the problems is better developed in an urban setting.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
GOWDA,N.S.				
TITLE				
An exploration of the role of language awareness in high school students' reading and writing.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
45	08	2374	EDUC SPM STUD NOAM	E.
ABSTRACT				
Investigated the process by which writers benefit from their reading, and seeks to clarify and explain this process by the psycholinguistic variable of Language Awareness. Various tasks developed by the researcher were given to 48 students in grade 12. The SPM were used to measure students' non-verbal Cognitive Ability. Results suggested the strong interactive nature of Language Awareness in the students' reading and writing. The study demonstrates how Language Awareness aids writers in acquiring, from reading, special skills and knowledge required for effective writing.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
GROSSMAN,M.R.				
TITLE				
Intellectual assessment of Usher's Syndrome adults.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
45	04	1286	CLIN SPM WAIS PHYS NOAM	C.
ABSTRACT				
The study explored both the nature and assessment of nonverbal intelligence in a sample of 32 deaf-blind adults afflicted with Usher's Syndrome. It compared the test performance of participants on the Wechsler Performance Scales and the SPM. The relationship between the Wechsler and SPM test scores of the Usher's Syndrome subjects was investigated, and showed a highly significant, positive correlation, which was nearly identical to that obtained for the hearing-sighted population.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Guttman,R.				
TITLE				
Performance on eight spatial ability tests as a function of age and education.				
JOURN_BOOK				
Educational Gerontology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10	1-2	1-11	ANTHROP EDUC AGES SPM ISRAEL ASIA	A.E.
ABSTRACT				
A battery of 8 spatial tests was given to 420 individuals aged 20-75 yrs, divided into three age groups and two educational levels. Ss with higher education did better than those with less. Decline in performance with age was not universal, but was most pronounced with SPM -which was administered as an abbreviated (15 item) version over 10 minutes. This replicates an earlier study (Guttman 1981,q.v.) using the complete SPM.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
HAMDI,M.N.A-Q.				
TITLE				
Relations of Jordanian children's school performance to parental involvement with children's achievement and parental model of helping as perceived by children.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
44	08	2360	EDUC ANTHROP SPM KIDS NOAM	E.A.
ABSTRACT				
Responses of 276 sixth grade students to questionnaires which measured children's perception of parental practices and parental model of helping. Students also responded to the SPM. It was concluded from the findings that parents, through communicating high expectations to their children and by providing them with opportunities to practice school-like activities had a positive influence on children's school performance.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Jachuck,K.				
TITLE				
Level I and Level II abilities of socially disadvantaged children: Effects of home-environment and caste.				
JOURN_BOOK				
Indian Psychologist				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	1	42-48	KIDS ASIA EDUC WISC SCLS ANTHROP SPM	A. E.
ABSTRACT				
The differential ability patterns of advantaged and disadvantaged children were assessed with respect to Level I and Level II abilities. Home environment and caste were independent measures of social advantage or disadvantage in a sample of 60 Brahmin and Harijan primary school children. SPM and digit-span from the WISC were used. As predicted, results reveal significant differences between advantaged and disadvantaged Ss in Level II abilities only.				

MATRICES YEAR				
SPM		1984		
AUTHOR				
Januszewski,A. & Oles,P.				
TITLE				
Porownanie badan indywidualnych i grupowych Skala Standardowych Matryc J.C.Ravena. (A comparison of individual and group studies of the Standard Matrices).				
JOURN_BOOK				
Zagadnienia Wychowawcze a Zdrowie Psychiczne				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	-	40-45	EDUC STUD SPM EURO	E.
ABSTRACT				
Compares individual with group testing results for 90 students (age 20.9) in the group situation and 48 students (age 22.1) tested individually. [Text in Polish]				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Januszewski,A. & Oles,P.				
TITLE				
Porownanie wynikow badan indywidualnych I grupowych skala Standardowych Matryc J.C.Ravena.[Comparison of group and individual administration of SPM].				
JOURN_BOOK				
Zagadwiewia Wychowowcie a Zdrowie Psychowie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17	1	40-45	ANTHROP CRIT SPM EURO	A.
ABSTRACT				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Keating,D.P.				
TITLE				
The emperor's new clothes: The "new look" in intelligence research				
JOURN_BOOK				
Chap 1 in R.J.Sternberg (Ed) Advances in the Psychology of Human Intelligence, Volume 2.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
		1-	CRIT VALD SPM EDUC THEO NOAM SIME PGET	E
ABSTRACT				
Discusses the development of differences in mental abilities. Notes in passing the earlier study of Keating and Bobbitt (1978), q.v., designed to establish the connections between processing parameters and mental abilities at several ages, using SPM as a measure of g.				

MATRICES	YEAR			
SPM	1984			
AUTHOR				
Kumar,P. & Rohatgi,K.				
TITLE				
Certain personality correlates of marital adjustment.				
JOURN_BOOK				
Indian Journal of Social Work				
VOLUME	SECTION	PAGES	CODES	INT_CODE
45	3	325-330	ANTHROP PERS SPM ASIA	A
ABSTRACT				
300 married couples were given a marital adjustment questionnaire with SPM and MPI, to investigate personality correlates of marital adjustment. Husbands and wives with high MAQ scores were more intelligent than low MAQs.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Lancer,I. and Rim,Y.				
TITLE				
Intelligence, family size and sibling age spacing.				
JOURN_BOOK				
Personality and Individual Differences.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	2	151-157	GENET SCLS IQTS SPM ASIA ISRAEL	G.
ABSTRACT				
Family size, birth order and SES were related to performance on a verbal intelligence test (Milt) and on SPM. A negative effect for family size and SES was consistently found, though children of low SES from small families performed better than middle class children of large families. The negative effect of birth order is weakened or even cancelled when age spacing between consecutive births is large.				

MATRICES	YEAR			
SPM	1984			
AUTHOR				
Leeuw,J.de and Meester,A.C.				
TITLE				
Over het intelligente - onderzoek bij de militaire keuringen vanaf 1925 tot heden. [Intelligence - as tested at selections for military service, 1925 - present].				
JOURN_BOOK				
Mens en Maatschappij				
VOLUME	SECTION	PAGES	CODES	INT_CODE
59	-	5-26	VOC NORM SPM EURO	V.
ABSTRACT				
Reports evidence of increasing levels of SPM performance on a 40 item version used as part of the military screening procedures for large cohorts of men from 1925.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1984		
<i>AUTHOR</i>				
Llabre,M.M.				
<i>TITLE</i>				
Standard Progressive Matrices				
<i>JOURN_BOOK</i>				
In D.J.Keyser and R.C.Sweetland (Eds). Test Critiques, Test Corporation of America				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
1	-	-	CRIT TEXT VALD RELI SPM NOAM	-
<i>ABSTRACT</i>				
Reviews SPM as a very useful nonverbal measure of a person's ability to form perceptual relations and reason by analogy. Stability, internal consistency and validity have been well established. It comes as close to being a pure measure of 'g' as many consider possible. It has much value in cross-cultural contexts.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Longstreth,L.E.				
TITLE				
Jensen's reaction-time investigations of intelligence : A critique.				
JOURN_BOOK				
Intelligence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	-	139-160	GENET CORR SPM NOAM	-
ABSTRACT				
Critiques the findings of Jensen that reaction time is negatively correlated with IQ (as measured by SPM), and concludes Jensen's claims are unwarranted from the evidence presented.				

MATRICES		YEAR			
SPM		1984			
AUTHOR					
LUTKEMEIER,D.M.,WADE,J.P.					
TITLE					
Cognitive performance of emotionally handicapped students: Predictor of school placement?					
JOURN_BOOK					
Paper presented at the Annual Convention of the American Psychologist Association, Toronto, Canada.					
VOLUME	SECTION	PAGES	CODES		INT_CODE
			CLIN EDUC SPM KIDS SIME VALD RELI WISC AFCT NOAM		C.E.
ABSTRACT					
The study examined the intellectual performance of 248 school children, 93 of which were emotionally handicapped (EH). Measures included the SPM, reaction time evaluations and student record reviews. Results revealed the usefulness of the SPM in clearly differentiating groups on the basis of cognitive performance. Results of scores on the WISC-R revealed high correlation with individual SPM scores. Findings suggested support for the possibility that intelligence may have some bearing on the diagnostic and EH placement process.					

MATRICES		YEAR		
SPM		1984		
AUTHOR				
McCann,S.J. & Meen,K.S.				
TITLE				
Anxiety, ability, and academic achievement.				
JOURN_BOOK				
Journal of Social Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
124	2	257-258	EDUC NOAM PERS CORR KIDS SPM IQTS	E
ABSTRACT				
Investigated the effects of high anxiety on the test performance of students, with predictions about the inhibition of performance derived from Spielberger. Grade 11 and 12 Canadian students, male and female, were tested with Anxiety measures, the Lorge- Thorndike, and SPM.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Merritt,F.M. and McCallum,R.S.				
TITLE				
The relationship between simultaneous-successive processing and academic achievement.				
JOURN_BOOK				
Alberta Journal of Educational Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
30	2	126-132	EDUC NOAM SISU FACT KIDS VALD SPM	E
ABSTRACT				
A study of the relationship between simultaneous-successive information processing and academic achievement with 157 students .Fifteen of the SPM items were included for the simultaneous processing factor, and on a two-factor solution loaded .77.				

MATRICES YEAR				
SPM		1984		
AUTHOR				
Messerer,J., Hunt,E., Meyers,G. & Lerner,J.				
TITLE				
Feuerstein's instrumental enrichment: A new approach for activating intellectual potential in learning disabled youth.				
JOURN_BOOK				
Journal of Learning Disabilities				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17	6	322-325	EDUC RFIE SPM STUD NOAM	E
ABSTRACT				
Instrumental enrichment was applied to four post secondary students with features of learning disability. SPM and a Feuerstein pre-post measure were used and three of the four Ss showed striking improvements at post-testing.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Miller,L.B. and Bizzell,R.P.				
TITLE				
Long-term effects of four preschool programs: Ninth- and tenth- grade results.				
JOURN_BOOK				
Child Development				
VOLUME	SECTION	PAGES	CODES	INT_CODE
55	4	1570-1587	NOAM EDUC KIDS WISC SBIT IQTS SPM RELI CORR MFSX VALD	E
ABSTRACT				
A follow-up study of achievement test and IQ data on low-income black youths participating in various educational programs from kindergarten to 9th and 10th grades. Intellectual measures include the Stanford-Binet and SPM. Test-retest reliability for SPM was .82 (one-year interval). Sex differences were found in many areas but not in SPM performance. Factorial structure of the test data is also reported.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Morey,L.C., Skinner,H.A. and Blashfield,R.K.				
TITLE				
A typology of alcohol abusers: Correlates and implications.				
JOURN_BOOK				
Journal of Abnormal Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
93	4	408-417	CLIN SPM PERS DRUG WAIS NOAM	C
ABSTRACT				
Three distinct types of alcohol abusers were identified (early- stage, affiliative moderate,severe dependency) and given a wide range of psychometric tests, including measures of personality, psychopathology, and SPM. There were consistent differences between the groups. On SPM, the third group performed more poorly than the other two groups.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Mwamwenda,T., Dash,U.N. and Das,J.P.				
TITLE				
A relationship between simultaneous-successive synthesis and concrete operational thought.				
JOURN_BOOK				
International Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
19	6	547-563	NOAM EDUC ANTHROP PGET KIDS SPM SISU	A.E.
ABSTRACT				
In a study of simultaneous and successive processing with children in Canada and India (SPM used as a simultaneous measure with the Canadian sample), children who preferred simultaneous processing did better on Piagetian tasks of conservation, inference and class inclusion. [Text in English: Summary in French]				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Nathan,M. and Guttman, R.				
TITLE				
Similarities in test scores and profiles of Kibbutz twins and singletons.				
JOURN_BOOK				
Acta Geneticae Medicae et Gemellologiae: Twin Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
33	2	213-218	GENET KIDS WISC CORR VALD SPM ASIA ISRAEL	G
ABSTRACT				
Resemblances on five cognitive tests, including WISC subtests and SPM were compared in 50 quartets of school children, each consisting of a twin pair (MZ or DZ) and a matched singleton pair from the same kibbutz peer group. Within-pair correlations for SPM were, for MZ .70, for DZ, .38, and for singletons, .33. The similarity between singletons and DZ twins is interpreted as indicating the importance of the kibbutz environment as a potent factor in upbringing.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Pattnaik, and Mohanty,A.K.				
TITLE				
Relationship between metalinguistics and cognitive development of bilungual and unilingual tribal children.				
JOURN_BOOK				
Psycho-lingua				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	1	63-70	ANTHROP KIDS ASIA PGET CORR EDUC SPM	A.E.
ABSTRACT				
An investigation of the relationship of bilingualism to the metalinguistic and cognitive abilities of children. Groups of 6,8, and 10 yr olds were given SPM, Piagetian tasks and metalinguistic ability tasks.SPM and metalinguistic scores were not significantly correlated.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Rentschler,G.J.				
TITLE				
Effects of subgrouping in stuttering research.				
JOURN_BOOK				
Journal of Fluency Disorders				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	4	307-311	CLIN PHYS KIDS NOAM NUSY SPM	C
ABSTRACT				
Challenging the assumption of homogeneity among stutterers, this study examined the effect examining subgroups of stuttering subjects who were tested with the Michigan Neuropsychological Test Battery, including SPM. Results indicated that the performance differences between the groups increased as selection criteria became more stringent. Comparison of the randomly selected groups failed to reveal statistical differences on any of the five experimental variables.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Rhenius,D. & Heydemann,M.				
TITLE				
Lautes Denken beim Bearbeiten von RAVEN-Aufgaben. [Thinking aloud during processing of Raven's Matrices.]				
JOURN_BOOK				
Zeitschrift fur Experimentelle und Angewandte Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
31	2	308-327	MISC VERB STUD SPM EURO	-
ABSTRACT				
Subjects were observed as they worked while they thought aloud, and a control group worked on the same problems without thinking aloud, to investigate eye movement (EM) and to provide a test of nonreactiveness and the validity of protocols of thinking aloud. Data were analysed by comparing subjects EM's and by analysing the degree of agreement between experimental subjects verbalisa- tions and their EM's. Results show no significant differences between experimental and control subjects on SPM for any of the specified EM patterns. There was a significant tendency for thinking aloud to be accompanied by more conscientious work on problems. Findings indicate that 82% of the				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Roco,M.				
TITLE				
L'etude de certains facteurs de la creativite technique- scientifique. [Study of certain factors in technical-scientific creativity.]				
JOURN_BOOK				
Revue Roumaine des Sciences Sociales Serie de Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28	1	19-29	EURO ANTHROP VOC SPM	V.
ABSTRACT				
Studied creative activity in 307 members of 32 work groups. SPM and tests of creativity were administered together with a creative attitude questionnaire. Originality, flexibility and creative attitudes favored creative performance. [Text in French.]				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
ROHR-REDDING,C.,INNES,J.				
TITLE				
Can thinking skills be incorporated into a curriculum? A demonstration.				
JOURN_BOOK				
Meeting paper contained in International Symposium on Cognition, Education and Deafness, Washington DC.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			EDUC SPM DEAF KIDS FEUR NOAM	E
ABSTRACT				
Describes a pilot project in which 17 hearing impaired adolescents were participating in a program to improve thinking skills via the Instrumental Enrichment (IE) approach. Analysis of SPM scores along with other tests supported the use of IE.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Sahasi,G.				
TITLE				
A replicated study on the effects of yoga on cognitive functions.				
JOURN_BOOK				
Indian Psychological Review				
VOLUME	SECTION	PAGES	CODES	INT_CODE
27	1-4	33-35	KIDS ANTHROP EDUC SPM ASIA	A. E.
ABSTRACT				
Studied the effect of yoga activities on sharpening mental functioning on a group of school children in India. SPM was given in a group situation. A control group was also tested. Ss and controls showed significant improvement in scores on SPM.				

MATRICES YEAR				
SPM		1984		
AUTHOR				
Sharp,D.M.				
TITLE				
Inspection time, decision time and visual masking: An investigation of their relationship to measured intelligence.				
JOURN_BOOK				
Unpub. Master's Thesis, University of Aberdeen.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			MISC UK KIDS SPM	
ABSTRACT				

MATRICES YEAR				
SPM		1984		
AUTHOR				
Shcheblanova, Y.E.				
TITLE				
[On EEG indices of the complexity of thought processes: 1. Changes in EEG activation during the solution of Raven's problems of varying complexity.]				
JOURN_BOOK				
Novye Issledovaniya v Psikhologii				
VOLUME	SECTION	PAGES	CODES	INT_CODE
30	1	5-9	CRIT EEGM SPM EURO	
ABSTRACT				
Using SPM (Sets C,D,E) the relationship between complex visual activity and EEG activity was studied with 32 R. handed Ss. Findings indicated that solving more complex problems resulted in enhanced activation of brain regions associated with visual activity.				

MATRICES YEAR				
SPM		1984		
AUTHOR				
Singh,S.				
TITLE				
Motivational determinants of entrepreneurial success.				
JOURN_BOOK				
Journal of Social and Economic Studies.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	1	56-62	ANTHROP PERS SPM ASIA	A.
ABSTRACT				
A sample of 200 Punjabi farmers, aged 23-58, was given SPM and a range of personality tests. It was found that upward striving, attitude toward earning, achievement motive, intellectual level, interest in the home and farm-related activities, and concern about social reputation, were associated with a fast rate of agricultural growth.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Smilansky,J.				
TITLE				
Problem solving and the quality of invention: an empirical investigation.				
JOURN_BOOK				
Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
76	3	377-386	EDUC STUD SPM ASIA ISRAEL	E
ABSTRACT				
Reports the development of an empirical measure of Ss ability to create new problems and the relationship between this ability and their skill in solving similar types of problems. Sets C and D of SPM were used as primary data. A reliable and valid quality score could be assigned to newly created matrix-type problems, with only a low correlation between the two tasks. Problem creation proved more difficult than problem-solving.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Smilansky,J.				
TITLE				
Problem-solving and the quality of invention: an empirical investigation.				
JOURN_BOOK				
Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
76	3	377-386	EDUC STUD SPM ISRAEL ASIA	E.
ABSTRACT				
Developed an empirical measure of 76 undergraduates and 301 11-12th graders ability to create new problems and the relation- ship between this ability and their skill in problem-solving. Items from SPM were used. Problem creation was found to be a more difficult task than problem solving, thereby supporting the theoretical notions regarding its significance in characterizing human giftedness and creativity.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Stanovich,K.E., Cunningham,A.E. & Feeman,D.J.				
TITLE				
Intelligence, cognitive skills, and early reading progress				
JOURN_BOOK				
Reading Research Quarterly				
VOLUME	SECTION	PAGES	CODES	INT_CODE
19	3	278-303	CPM KIDS PPVT FACT AGES EDUC SPM CORR VALD RELI NOAM	E
ABSTRACT				
RPM and PPVT were given to first, third and fifth grade children, together with tests of reading ability and decoding speed. A strong relationship between IQ and reading was not confirmed. CPM was used for first and third graders, and SPM with fifth graders. Split-half reliabilities were .85, .85 and .94 respectively. CPM and PPVT were not correlated at the first grade level, but the relationship increased with age (.52 at third grade: SPM/PPVT .52 at fifth grade). Developmental trends in the relationship between decoding speed, reading ability and intelligence measures are discussed. [Text in English; Summaries in French and Spanish]				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Stattin,H.				
TITLE				
Developmental trends in the appraisal of anxiety-provoking situations.				
JOURN_BOOK				
Journal of Personality				
VOLUME	SECTION	PAGES	CODES	INT_CODE
52	1	46-57	ANTHROP PERS SPM MFSX KIDS EURO	
ABSTRACT				
Hypothesized that younger teenagers would appraise relations between anxiety-provoking situations on the basis of minifest and perceptually salient characteristics of the situations more so than older teenagers. Ss of both sexes in three age groups were tested, and SPM used as a measure of intellectual ability. Relationships between age, sex and IQ are reported.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1984		
<i>AUTHOR</i>				
SWINEY,J.F.JR				
<i>TITLE</i>				
A study of executive processes in intelligence.				
<i>JOURN_BOOK</i>				
Dissertation Abstracts International				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
46	04	957	EDUC SPM STUD NOAM	E.
<i>ABSTRACT</i>				
Investigated the presence of individual differences in flexible adaptation with a modified concept attainment task and related them to external measures of ability. Two experiments were conducted with high school students. They were taught problem solving rules required to solve concept attainment problems. A generalization phase consisted of items from the SPM Evidence was obtained for individual differences related to the following hypothesized executive control processes: flexible adaptation rule development and application, persistence and accuracy of task difficulty evaluation. System capacity limitations were found to be a source of individual difference in task				

MATRICES YEAR				
SPM		1984		
AUTHOR				
Torneus,M.				
TITLE				
Phonological Awareness and Reading: A chicken and Egg problem?				
JOURN_BOOK				
Journal of Educational Psychology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
76	6	1346-1358	EDUC SPM KIDS EURO	E
ABSTRACT				
The causal relationship between metaphonological skills (sound blending and segmentation) and reading/spelling was investigated in two studies. In the first study the sample used were 46 dyslexics and 44 control children during their first 6 years at school. Cognitive development was assessed by the SPM at the end of Grade 1 and the beginning of Grade 2.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Turner,I.F., Scullion,L.T. & Whyte,J.				
TITLE				
Relationship between reading proficiency and two types of classificatory ability.				
JOURN_BOOK				
Journal of Research in Reading				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	2	123-134	EDUC CORR SPM UK	E
ABSTRACT				
Compared reading ability and classification in the process of learning to read using two groups of Belfast secondary school students, one being normal readers, the other a poor-reader group, defined by performance on SPM, vocabulary and comprehension tests. [Text in English: Summary in French]				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
VIBULSRI,C. ET AL				
TITLE				
Mental abilities of children and adolescents: Symposium IB				
JOURN_BOOK				
In Preparation for Adulthood. Third Asian workshop on child and adolescent development.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			EDUC SPM THEO KIDS ITEM RELI VALD NORM ASIA	E
ABSTRACT				
Reported three studies investigating the mental abilities of children and adolescents. The third study dealt with culture fair tests. The SPM , Cattell's Culture Fair Intelligence Scale 3 and Dominoes 48 Tests were administered to 3,569 Thai boys and girls aged between 12 and 18 years. Investigated the tests' developmental properties, examine item statistics, assess reliability and validity and establish norms of the test scores for Thai adolescents.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1984		
<i>AUTHOR</i>				
Welkowitz,L.A. & Calkins,R.P.				
<i>TITLE</i>				
Effects of cognitive and exemplar modeling on field dependence- independence.				
<i>JOURN_BOOK</i>				
Perceptual and Motor Skills				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
58	2	439-442	OTHER STUD SPM NOAM	-
<i>ABSTRACT</i>				
The effects of modeling procedures on Ss performances on cognitive tasks were compared for three groups - cognitive, exemplar and control group. The cognitive group subsequently outperformed the exemplar group on an Embedded Figures Test, but no effect was found on SPM (Set C).				

MATRICES YEAR				
SPM		1984		
AUTHOR				
WILSON,L.K.				
TITLE				
Race of rehabilitation clients and psychometric test scores in the prediction of vocational potential.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
45	08	2706	ANTHROP CLIN VOC SPM MFSX NOAM	A.C.
ABSTRACT				
Investigated differences among racial groups and between sex groups on psychometric test performances, demographic data and vocational potential ratings of an adult rehabilitation client sample. Also the psychometric and demographic variables were included in discriminant function equations to predict the vocational potential ratings of the white, Hispanic, and black groups and of the total sample. No sex differences were found on any of the variables and overall, the predictive power of the discriminant function equations was not sufficient to recommend their use in clinical practice. The SPM were used.				

MATRICES		YEAR		
SPM		1984		
AUTHOR				
Wytek,R., Opgenoorth,E. & Presslich,O.				
TITLE				
Development of a new shortened version of Raven's Progressive Matrices test for application and routine assessment of present intellectual capacity within psychopathological investigation.				
JOURN_BOOK				
Psychopathology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17	2	49-58	CLIN NUSY NORM VALD PSAT SPM EURO	C.
ABSTRACT				
After analysing data from 300 psychiatric patients on SPM, a shortened version of 30 items was constructed. The new version was standardised and percentiles calculated from a new sample of 1200 patients.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Alvarez,M.A. Barroso,C.C. & Arce,B.				
TITLE				
Psychological characterization of testicular feminization syndrome				
JOURN_BOOK				
Reproduccion				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	1-2	9-15	CLIN EURO PHYS PERS SPM	C
ABSTRACT				
Ten cases of testicular feminization syndrome were tested with SPM, 16PF, MMPI and TAT, together with laboratory test. Intellectual achievement was normal.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Bhaumik,G. & Kundu,R.				
TITLE				
Some affective personality qualities of delinquent boys.				
JOURN_BOOK				
Social Defence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	72	21-26	ANTHROP CRIM PERS KIDS ASIA SPM	A
ABSTRACT				
50 male delinquents and controls in W.Bengal were given SPM with measures of SES, attainment and personality (TAT). Results showed more aggression, frustration and anxiety among the delinquents.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Burns,R.B. & Gallini,J.K.				
TITLE				
The relation of cognitive and affective measures to achievement during an instructional sequence.				
JOURN_BOOK				
Instructional Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
12	-	103-120	EDUC IQTS KIDS RELI CORR SPM NOAM	E.
ABSTRACT				
A study using 111 seventh grade students to examine the stability of cognitive and affective aptitudes. SPM was included as a measure of fluid intelligence (Gf) but only half the items were used. Nonetheless, reliability (KR20) was found to be 0.76.				

MATRICES	YEAR			
SPM	1983			
AUTHOR				
Carlson,J.S., Jensen,C.M. & Widaman,K.F.				
TITLE				
Reaction time, intelligence and attention.				
JOURN_BOOK				
Intelligence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	4	329-344	MISC CORR SPM KIDS RELI NOAM	
ABSTRACT				
The roles of attention in reaction time and in relationships among RT, IQ and achievement were analysed, using 105 seventh graders. Mean RT and the SD of RT correlated with the intelligence and achievement measures used. RT measure were correlated with attention, perceptual speed and with g, as measured by SPM. Internal consistency of SPM was estimated at .88 .				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
CARLSON,J.S.,JENSEN,C.M.				
TITLE				
Reaction Time, Movement time and Intelligence: A replication and extension.				
JOURN_BOOK				
Intelligence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	3	265-74	MISC SPM RELI CORR NOAM JENS SIME	
ABSTRACT				
Reaction time and movement time were negatively and moderately to strongly correlated with SPM performance and with reading comprehension and performance on the California Test of Basic Skills for 20 ninth graders. Weaker relationships were found for mathematics and English grades, although the direction was consistently negative.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Cernovsky,Z.				
TITLE				
Dimensions of self-actualization and post treatment alcohol use in fully and in partly recovered alcoholics.				
JOURN_BOOK				
Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
39	49	628-632	CLIN DRUG PSAT WAIS PERS CORR MMPI SPM NOAM	C.
ABSTRACT				
A follow-up study of 46 treated alcoholics of whom 25 reported total abstinence. The Personality Orientation, an Alcohol Use Scale, WAIS Vocabulary and SPM scores were correlated with outcome. SPM results were nonsignificantly related to alcohol use.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Chatterjea,R.G. & Bhaskar,P.				
TITLE				
Effects of intelligence and social desirability and field independence.				
JOURN_BOOK				
Psycho-Lingua				
VOLUME	SECTION	PAGES	CODES	INT_CODE
12	2	115-124	ANTHROP ASIA STUD PERS SPM	A
ABSTRACT				
Male undergraduates from rural and urban backgrounds in India completed measures of field independence social desirability, and SPM.Ecocultural differences were analysed in an unmatched and in a matched condition for intelligence (SPM percentile scores from 48-53).				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Chattopadhyay,P.K., Mazumder, P. & Biswas, P.K.				
TITLE				
Handedness and intelligence : A study with male youths.				
JOURN_BOOK				
Child Psychiatry Quarterly.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
16	1	39-42	CRIT SPM ASIA	-
ABSTRACT				
SPM was given to 16 left-handed youths (assessed by Annett's Hand Preference Questionnaire). No significant difference was found between the two groups on SPM performance.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
FAIR,E.G.				
TITLE				
Assessment of analogical reasoning in culturally diverse and mainstream children: A training paradigm.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
44	01	146	EDUC ANTHROP SPM KIDS NOAM	E.A.
ABSTRACT				
The differential effects of two kinds of training on the SPM score and test time were examined for performance matched culturally divergent samples. Treatment 1 focused on reducing impulsive responding and increasing input, while treatment 2 included in addition training designed to foster sytematic search and comparative behaviour on matrix classification tasks. Results showed that only the black treatment 2 subjects improved significantly over their control group. Conclusions are drawn with respect to response time and error and Jensen's developmental hypothesis for ethnic differences in the SPM score.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Falkowski, J. & Steptoe, A.				
TITLE				
Biofeedback-assisted relaxation in the control of reactions to a challenging task and anxiety-provoking film.				
JOURN_BOOK				
Behaviour Research and Therapy				
VOLUME	SECTION	PAGES	CODES	INT_CODE
21	2	161-167	CLIN PHYS SPM UK	C
ABSTRACT				
In an experiment investigating relaxation and biofeedback training to regulate physiological responses to stressors, 20 Ss watched an anxiety provoking film and were given excerpts from SPM as problem-solving tasks before and after the experimental intervention.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Fock,R.				
TITLE				
Kognitive Operation beim Matrizentest in Begriffen der Konditionierung. (Cognitive operations while performing SPM in terms of conditioning concepts.)				
JOURN_BOOK				
Heilpädagogische Station des Landes Niederösterreich				
VOLUME	SECTION	PAGES	CODES	INT_CODE
191	2	195-206	EDUC MFSX THEO SPM EURO	E
ABSTRACT				
[Text in German]				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Gallini,J.K.				
TITLE				
A Rasch analysis of Raven item data.				
JOURN_BOOK				
Journal of Experimental Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
52	1	27-32	CRIT EDUC ITEM KIDS SPM NOAM	E.
ABSTRACT				
The Rasch latent trait model was applied to investigate the fit of observed performance om SPM items with that predicted by the Rasch model, with 151 seventh graders. Results showed a good fit between the model and the data, with only 3 items showing discrepancy. Reasons for this are discussed.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Gupta,A. and Bala,S.				
TITLE				
Interest pattern,intelligence and sex differences.				
JOURN_BOOK				
Indian Psychological Review				
VOLUME	SECTION	PAGES	CODES	INT_CODE
24	2	13-21	ANTHROP MFSX VOC SPM ASIA KIDS	A.V.
ABSTRACT				
Investigated the interest patterns of 90 boys and 90 girls in Delhi secondary schools. Singh's Interest Inventory was given, while sex and intelligence, assessed by SPM, were independent variables. No significant relationship was found between interest patterns and intelligence, though the girls and boys differed significantly in some interest areas.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Hajtman,B. & Dienes,Z.P.				
TITLE				
A comparison of fourteen short tests of ability to learn group structures.				
JOURN_BOOK				
Journal of Structural Learning				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	-	213-235	EDUC SPM MFSX AGES CORR VALD EURO	E
ABSTRACT				
Tested the ability to learn group structures, using a number of separate tests and comparing performance with SPM. Groups of high school students in all 5 grades, sampling boys and girls, totalled 840 students. Correlations between tests are reported. Differences between the sexes were found, with the average correlation between SPM and the group structure tests being .35 for boys and .60 for girls. The lower figure for boys was attributed to thier performance being more often influenced by an uncooperative attitude than with the girls.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1983		
<i>AUTHOR</i>				
Harber,K.D. & Hartley,A.A.				
<i>TITLE</i>				
Meaningfulness and problem-solving performance by younger and older adults.				
<i>JOURN_BOOK</i>				
Experimental Aging Research				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
9	2	93-95	MISC AGES SPM NOAM	
<i>ABSTRACT</i>				
To test the effect of meaningfulness on problem-solving performance, two versions of a subset of items from SPM were administered to 29 young (ave. age 24) and 22 old (ave. age 68) participants. One set were as in the original, the other transformed to be more meaningful. Older adults made more errors than younger. The younger also made significantly fewer errors on the more meaningful problems than on the originals. Older responses were more fragmented and literal.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Haygood,R.C. & Johnson,D.F.				
TITLE				
Focus shift and individual differences in the Sternberg memory- search task.				
JOURN_BOOK				
Acta Psychologica				
VOLUME	SECTION	PAGES	CODES	INT_CODE
53		129-139	MISC SIME CORR SPM	
ABSTRACT				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Haygood,R.C. & Johnson,D.F.				
TITLE				
Focus shift and individual differences in the Sternberg memory-search task				
JOURN_BOOK				
Acta Psychologica				
VOLUME	SECTION	PAGES	CODES	INT_CODE
53		129-139	MISC NOAM CORR STUD SPM SIME	
ABSTRACT				
An experiment examining the relationship between focus shift, memory storage capacity (digit span) and performance on SPM. Results showed negative set size affecting reaction time in the memory search task, and individual differences in ability to shift focus are correlated with SPM (.355). SPM and digit span correlated .348. Use of SPM created a ceiling effect with this group and higher correlations might have been obtained using APM.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1983		
<i>AUTHOR</i>				
Hughes, D.C., Keeling, B. & Tuck, B.F.				
<i>TITLE</i>				
Effects of achievement expectations and handwriting quality on scoring essays.				
<i>JOURN_BOOK</i>				
Journal of Educational Measurement				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
20	1	65-71	EDUC KIDS SPM AUST	E.
<i>ABSTRACT</i>				
A study which found that handwriting and scorer expectations in- fluence the essay scores of children (aged 11-12 years), but found no evidence of an interaction between handwriting quality and scorer achievement expectations. Handwriting styles were compared, and procedures developed to create scorer expectations including fabricated SPM scores.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Hughes,O.L.				
TITLE				
A comparison of error-based and time-based learning measures as predictors of general intelligence.				
JOURN_BOOK				
Intelligence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	1	9-26	EDUC STUD SPM CORR VALD AUST	E
ABSTRACT				
Compares two groups of students, one of which was trained in problem solving strategies and the other was not. All were given SPM and a group of reaction time tasks, with measures of speed and errors. These measures typically correlated highly with SPM, either negatively or positively, from -.363 to +.438.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Jamison,R.N. & Lovatt,K.F.				
TITLE				
Classroom delinquency, achievement and computer assisted instruction.				
JOURN_BOOK				
Journal of Computer-Based Instruction				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	4	145-147	EDUC KIDS AUTO SPM UK	E.
ABSTRACT				
A study of CAI effects on learning 8th graders identified as best and worst behaved and best/worst achievers. Intelligence was assessed with a shortened (25 item) version of SPM. Best achievers performed better than worst achievers while best behaved performed as well as the worst behaved group.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
JENSEN,C.M.				
TITLE				
Factors related to Hick reaction time and movement time and their effect on the relationship between reaction time or movement time and measures of cognitive ability.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
43	12	3848	EDUC SPM SIME YNSK WAIS KIDS NOAM	E.
ABSTRACT				
Reaction time (RT) and movement time(MT) data measured using the Hick (1952) paradigm was obtained on 84 fifth grade, ninth grade, and junior college subjects. A battery of tests was used including the SPM, the Eysenck Personality Inventory (EPI) and subtests of the WAIS. Analysis revealed low to moderate and statistically significant zero-order correlations between several RT and MT parameters and performance on the SPM and total digit span for all subjects combined. It was concluded that the often reported negative relationship between RT and/or MT and various measures of cognitive ability and achievement is mediated by nonintellective individual difference variables.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Karnes,F.A. & McCallum,R.S.				
TITLE				
Evidence for the Luria-Das model of information processing for gifted students: A preliminary investigation.				
JOURN_BOOK				
Educational and Psychological Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	3	133-137	EDUC SPM WISC SBIT KIDS NOAM SISU	E
ABSTRACT				
In testing the validity of the Luria-Das model as it applies to gifted children, a non standard (timed)presentation of SPM was used as a measure of simultaneous processing. Tasks were factor analysed and SPM loaded -.89 on the simultaneous factor.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Klein,S.				
TITLE				
The problem-facing questionnaire.				
JOURN_BOOK				
Journal of Structural Learning				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	3-4	277-284	ANTHROP SPM KIDS CORR EDUC EURO NOAM	A.E.
ABSTRACT				
Describes the development of measure to identify problem- solving strategies in young people. Samples were drawn from Quebec, Iowa and Hungary, and Ss ranged in age from 10-18. Results were correlated with performance on the Stanford Achievement Test, Kuhlman Anderson Test and SPM (r = .25)				

MATRICES YEAR				
SPM		1983		
AUTHOR				
Kubinger,K.D. & Gittler,G.				
TITLE				
Der Zusammenhang von Geschwisterkntellation und Intelligenz in kritischer Sicht. [Some critical remarks: The relationship between birth order or family size on intelligence].				
JOURN_BOOK				
Sprache und Kognition				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	4	254-263	ANTHROP GENET SPM IQTS CORR EURO	A
ABSTRACT				
[Text in German]				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Kuhnlein,I., Hahlweg,K., Muller,G. and Sevenitz,B.				
TITLE				
Überprüfung der SPM von Raven für den psychiatrischen Bereich und Entwicklung von Kurzformen.				
JOURN_BOOK				
Diagnostica				
VOLUME	SECTION	PAGES	CODES	INT_CODE
29	3	236-246	CRIT IQTS VALD RELI CORR PSAT SPM EURO	-
ABSTRACT				
High reliability (split-half 0.94; Guttman's Alpha .94) and validity (against several criterion tests) were confirmed with a German sample of 194 psychiatric patients. An item analysis revealed irregularities previously noted in the literature, and on the basis of a rearrangement, two tests of roughly equal difficulty were developed, providing the possibility of economic measurement and re-test. [Text in German : Summary in English]				

MATRICES YEAR				
SPM		1983		
AUTHOR				
Kumar,D.				
TITLE				
The role of motivating instructions in insightful problem solving in males and females.				
JOURN_BOOK				
Psychological Studies				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28	1	36-40	ANTHROP ASIA SPM	A
ABSTRACT				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Kuo,S.				
TITLE				
[Academic achievement and causal attribution of success and failure by success-oriented and failure-oriented children].				
JOURN_BOOK				
Bulletin of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
16		47-60	ANTHROP EDUC KIDS SPM FACT ASIA	A.E.
ABSTRACT				
Fifth and sixth grade students in Hong Kong were classified as success or failure oriented. Relationships between achievement and motivation were examined, and SPM given. Using SPM scores as co-variate, a two-way ANCOVA indicated success-oriented Ss had higher academic achievement than failure-oriented Ss. [Text in Chinese: Summary in English]				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Lawry,J.A., Welsh,M.C. and Jeffrey,W.E.				
TITLE				
Cognitive tempo and complex problem solving.				
JOURN_BOOK				
Child Development				
VOLUME	SECTION	PAGES	CODES	INT_CODE
54	4	912-920	EDUC CORR KIDS AGES MFSX SPM NOAM	E.
ABSTRACT				
Both between- and within-group differences in problem-solving performance were evaluated in children (9-11 yrs.) identified as having reflective or impulsive cognitive tempos. Cognitive tempo was first assessed using Kagan's Matching Famil- iar Figures test (MFFT), and children were later tested on SPM. As the SPM problem sets became more difficult, both groups showed a pattern of increasing latencies and decreasing accuracy. Reflectives had reliably greater increases in latency across sets than impulsives. However, change in latency from the first to the last set was a better predictor of overall accuracy in impulsives than reflectives. Canonical correlations for the entire sample				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Leftoff,S.				
TITLE				
Psychopathology in the light of brain injury: A case study.				
JOURN_BOOK				
Journal of Clinical Neuropsychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	1	51-63	CLIN BRDM PERS NUSY SPM	C
ABSTRACT				
A case of late onset pschopathology following brain injury is described to illustrate the effects of cognitive and perceptual loss on personality. Neuropsychological testing established defects in conncept formation tasks including SPM, Leiter and Wisconsin Card Sorting, and long-term memory.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Maqsud,M.				
TITLE				
Relationships of locus of control to self-esteem, academic achievement, and prediction of performance among Nigerian secondary school pupils.				
JOURN_BOOK				
British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
53	-	215-221	ANTHROP EDUC KIDS SCLS PERS SPM AFRICA	A.E.
ABSTRACT				
The purpose of this study was: (a) to investigate the effects of socio-economic background, locus of control, intelligence and self-esteem on academic achievement of Nigerian secondary school pupils; (b) and to examine the relationships of locus of control to socio-economic background, intelligence, self esteem, academic achievement and prediction of academic performance. Eighty secondary school boys completed the Socio-economic Background Questionnaire, SPM, the Brookover Scale of self concept of academic ability and provided estimates of prediction of their own academic performance.				

MATRICES YEAR				
SPM		1983		
AUTHOR				
MARTIN,D.S.				
TITLE				
Cognitive education for the hearing impaired adolescent.				
JOURN_BOOK				
Paper presented at the Annual conference of the American Educational Research Association, Montreal Canada.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			EDUC SPM KIDS FEUR DEAF SBIT NOAM	E
ABSTRACT				
Instrumental Enrichment was applied to the education of hearing impaired secondary children. Tests administered were the SPM, Stanford Binet Intelligence Test, Hearing Impaired Vision, Reading Comprehension subtests, problem solving interviews and a teacher observation. Results showed that intervention may be effective for improving spatial reasoning skills, ability to consider two or more sources of information simultaneously and understanding of cause and effect.				

MATRICES	YEAR			
SPM	1983			
AUTHOR				
McCallum,R.S. and Merritt,F.M.				
TITLE				
Simultaneous-successive processing among college students.				
JOURN_BOOK				
In Keilstick (Ed.). New York: Grune and Stratton				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	=	EDUC STUD FACT VALD SPM SISU	E.
ABSTRACT				
A series of seven tasks measuring simultaneous and successive processing was administered to 67 college students. SPM was given in shortened form and under limited time conditions. It showed a factor loading of 0.80 on the simultaneous factor with N=50, and 0.61 for the whole sample. Results were consistent with previous research with young children.				

MATRICES	YEAR			
SPM	1983			
AUTHOR				
Merritt,F.M. and McCallum,R.S.				
TITLE				
Sex-related differences in simultaneous - successive information processing?				
JOURN_BOOK				
Clinical Neuropsychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	3	117-119	EDUC MFSX FACT STUD SPM SISU NOAM	E.
ABSTRACT				
Sex related differences in simultaneous - successive processing tests were investigated using 157 male and female students. SPM (a sample of 15 of the 60 items) was included as a measure of simultaneous processing. Factor analysis revealed no significant sex differences.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Mezera,A.				
TITLE				
Vztah mezi Eysenckovymi osobnostnimi dimenzemi a vykonem pubescentu v Ravenovych progresivnich maticich. (Relation between Eyenck's dimensions and adolescent performance on SPM)				
JOURN_BOOK				
Psychologia a Patopsychologia Dietata				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	2	113-122	ANTHROP EDUC PERS SPM EURO	A.E.
ABSTRACT				
Scores on JEPI and SPM were compared for 120 7th graders. At lower SPM scores there were high correlations with Extraversion and Neuroticism, but with increasing SPM scores, high Introverts improved significantly. [Text in Slovak: Summaries in Russian and English]				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Pearce,N.				
TITLE				
A comparison of the WISC-R, Raven's Standard Progressive Matrices and Meeker's SO1-Screening Form for Gifted.				
JOURN_BOOK				
Gifted Child Quarterly				
VOLUME	SECTION	PAGES	CODES	INT_CODE
27	1	13-18	EDUC KIDS VALD CORR WISC SPM NOAM	E
ABSTRACT				
Assessed the value of three tests in screening for giftedness among 5th and 6th grade students (31 male, 28 female). Highly significant relationships were found between SPM and WISC-R (Full, Verbal and Performance Scales). Results indicated that SPM was a significant predictor of intelligence.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Rao,S.M. & Bieliauskas,L.A.				
TITLE				
Cognitive rehabilitation two and one-half years post right temp- oral lobectomy.				
JOURN_BOOK				
Journal of Clinical Neuropsychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	4	313-320	CLIN NUSY WAIS BRDM SPM NOAM	C.
ABSTRACT				
Reports a single case study of neuropsychological data following a right temporal lobectomy, including results on WAIS, SPM and Wechsler Memory Scale. Improvements in identified deficits occurred after 4 months of cognitive retraining.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Rauchfleisch,U.				
TITLE				
Itemanalyse zum Progressiven Matrizentest von Raven (SPM) an einer Stichprobe psychisch Kranker.(Item analysis of SPM in a sample of psychiatric patients)				
JOURN_BOOK				
Diagnostica				
VOLUME	SECTION	PAGES	CODES	INT_CODE
29	4	359-366	CRIT PSAT FACT ITEM SPM	
ABSTRACT				
Item-analysed data from 350 psychiatric patients and found too many items of low-medium difficulty. Coefficients .15 through .32 were missing. Factor analysis showed that low coefficient items did not account well for variance and it was concluded that the item structure was heterogeneous. [Text in German: Abstract in English]				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1983		
<i>AUTHOR</i>				
Reddy,A.V. & Reddy,P.B.				
<i>TITLE</i>				
Creativity and intelligence				
<i>JOURN_BOOK</i>				
Psychological Studies				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
28	1	20-24	ANTHROP CORR IQTS STUD SPM ASIA	A.E
<i>ABSTRACT</i>				
Tests of creativity and SPM were given to 90 high school students . A moderate negative correlation was found between creativity and mental abilities in 22 Ss with high SPM scores. Suggested that an overemphasis on convergent thinking may hamper the development of divergent thinking. In the group as a whole, a positive relationship was found.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Reddy,M.S.				
TITLE				
Influence of educational levels, age, and general ability levels on strategy and type of hypothesis used in concept learning.				
JOURN_BOOK				
Journal of Psychological Researches				
VOLUME	SECTION	PAGES	CODES	INT_CODE
27	3	162-168	ANTHROP EDUC AGES SPM ASIA	A.E.
ABSTRACT				
Two adult male Indian samples were tested with SPM, a concept learning task, and a post-task questionnaire. Three levels of education were identified. Ss were classified as partial or complete strategy users. SPM level was not correlated with the choice of strategies. No age differences on strategies were found .				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Reddy,M.S.				
TITLE				
Relationship between personality factors and measures of concept learning.				
JOURN_BOOK				
Journal of Psychological Researches				
VOLUME	SECTION	PAGES	CODES	INT_CODE
27	3	140-148	ANTHROP PERS CORR ASIA SPM	A
ABSTRACT				
16PF,SPM and a concept learning test were given to 120 20-25 yr olds and 120 45-50 yr old college educated Indian Ss. SPM was used as a control for ability levels in the experimental groups.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Roa,S.M. & Bieliauskas,L.A.				
TITLE				
Cognitive rehabilitation two and one-half years post right temporal lobectomy.				
JOURN_BOOK				
Journal of Clinical Neuropsychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	4	313-320	CLIN BRDM SPM NUSY	C.
ABSTRACT				
A case report of a 45 year old with a right temporal lobectomy, evaluated neuropsychologically 2.5 years post-surgery, revealed impaired visuo-spatial memory, inefficiency in visual scanning, mild left-sided neglect and diminished social perception. After 4 months of cognitive retraining improvements were observed on neuropsychological data and behavioural indicators. Improvement on SPM from 75th to 95th percentile followed specific strategies taught to overcome deficits, including use of his intact verbal skills.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Sen,A., Jensen,A.R., Sen,A.K. & Arora,I.				
TITLE				
Correlation between reaction times and intelligence in psycho- metrically similar groups in America and India.				
JOURN_BOOK				
Applied Research in Mental Retardation				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	-	139-152	ANTHROP CLIN FACT VALD CORR DFCT SPM NOAM ASIA	A.C.
ABSTRACT				
The relationship between psychometrically tested reasoning ability or general intelligence (SPM), short-term memory (forward and backward digit span) and measures of reaction time (RT), including visual and auditory simple RT and four degrees of choice RT, was investigated in groups of unskilled workers, mostly of below average, borderline, or retarded mental ability, selected in the United States and in India. Both groups showed parallel phenomena with respect to the relative difficulty of the various RT tests, their factor structure, and their theoretically expected correlations with psycho- metric intelligence, although the correlations were lower (and generally non- significant) in the Indian				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1983		
<i>AUTHOR</i>				
Sewell,T.E., Chandler,M.E. & Smith,R.				
<i>TITLE</i>				
Self regulation and external reinforcement in problem-solving strategies of black adolescents				
<i>JOURN_BOOK</i>				
Journal of Clinical Psychology				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
39	1	39-45	EDUC PERS RACE CORR VALD SPM NOAM	E.
<i>ABSTRACT</i>				
A study, using 33 black adolescent males, of problem solving performance, related to reinforcement history and locus of control. SPM was used as an intellectual measure, and showed no significant correlation with the independent variables. Concludes that social and personality variables mask the potential for effective use of intellectual capacity in the testing/ achievement situation.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Singh,P.				
TITLE				
Process and structure variables of educational environment as predictors of achievement in Geometry.				
JOURN_BOOK				
Journal of Psychological Researches				
VOLUME	SECTION	PAGES	CODES	INT_CODE
27	1	9-16	ANTHROP KIDS EDUC VALD SCLS ASIA ?SPM	A.E.
ABSTRACT				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1983		
<i>AUTHOR</i>				
Singh,S.				
<i>TITLE</i>				
Effect of motivation, values, cognitive factors, and child- rearing attitudes on productivity among Punjab farmers.				
<i>JOURN_BOOK</i>				
Journal of Social Psychology				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
120	2	273-278	ANTHROP VOC PERS ASIA CORR RELI	A
<i>ABSTRACT</i>				
A study of motives, values, cognitive factors and child rearing attitudes and their relationship to differential rates of farm output in the Punjab with 320 farmers. SPM was used as the measure of intellectual ability. Found that career interest, upward striving, attitude to money making on the farm, intelligence, tolerance for work pressure and punctuality were positively associated with progressive farm behaviour.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Volpe,B.T. & Hirst,W.				
TITLE				
Amnesia following the rupture and repair of an anterior communic- ating artery aneurysm.				
JOURN_BOOK				
Journal of Neurology, Neurosurgery, and Psychiatry				
VOLUME	SECTION	PAGES	CODES	INT_CODE
46	-	704-709	CLIN BRDM SPM NOAM	C.
ABSTRACT				
Clinical analysis and neuropsychological data, including SPM, are reported in relation to two case studies of patients after rupture of an anterior communicating artery aneurysm,with amnesia persisting three years after surgery.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Wallesch,C.W., Kornhuber,H.H., Kollner,C., Haas,H.C. & Hufnagl,J.M.				
TITLE				
Language and cognitive deficits resulting from medial and dorsolateral frontal lobe lesions.				
JOURN_BOOK				
Archiv fur Psychiatrie und Nervenkrankheiten				
VOLUME	SECTION	PAGES	CODES	INT_CODE
233	4	279-296	CLIN NUSY ANTHROP IQTS BRDM SPM VERB EURO WAIS EEGM	C
ABSTRACT				
A group of 36 patients with chronic unilateral circumscribed medial and dorsolateral frontal lobe lesions was tested neuropsychologically, including SPM Sets A-C. Lateralized deficits in tasks depending on language function were found with dorsolateral but not with medial lesions.				

MATRICES		YEAR		
SPM		1983		
AUTHOR				
Williams,J.D.				
TITLE				
Characteristics of the Open Matrices				
JOURN_BOOK				
Journal of Structural Learning				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	-	207-211	CRIT SPM KIDS CORR RELI UK	-
ABSTRACT				
Explores the thinking processes which occur when the choices on SPM were extended by emptying more cells than in the standard presentation, for Sets B,C and D. Open and closed items were not significantly different in discriminating. Split-half reliabilities for Sets B,C and D were .64,.33 and.47 respectively				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1983		
<i>AUTHOR</i>				
WONG,B.Y.L., ET AL				
<i>TITLE</i>				
Differentiating between normally achieving and learning disaabled adolescents on an experimental test battery.				
<i>JOURN_BOOK</i>				
British Columbia Journal of Special Education.				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
7	3	261-271	EDUC SPM KIDS IQTS VALD	E
<i>ABSTRACT</i>				
An investigation of the use of an experimental test battery in discriminating between normally achieving and learning disabled secondary students revealed that three items from the four tests effectively discriminated between the two groups of student These were the TOAL reading quotient, the Woodcock Johnson Proofing and the SPM.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Arochova,O.				
TITLE				
Relationships between various standards of memory information processing in children.				
JOURN_BOOK				
Studia Psychologica				
VOLUME	SECTION	PAGES	CODES	INT_CODE
24	2	127-136	EDUC KIDS CORR SPM EURO	E.
ABSTRACT				
170 boys and girls aged 8-12 years were given memory tests and SPM. Tests were selected to assess higher and lower standards of memory information processing. Numerical memory correlated close- ly with other memory tests. No support was found for relative independence of numerical memory from more complex memory processes or from IQ as assessed by SPM. [Text in Russian : Summary in English]				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Brown,R.J. & McMullen, P.				
TITLE				
An unbiased response mode for assessing intellectual ability in normal and physically disabled children.				
JOURN_BOOK				
Clinical Neuropsychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	2	51-56	CLIN BRDM PHYS AUTO SPM NOAM	C.
ABSTRACT				
Physically normal and physically handicapped children (24 of each) were tested on SPM conventionally and using Etran-N response mode (responses relying on eye-movements). SPM performance with normals was unaffected by response mode and approached SPM norms.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Calvert,E.J. & Waterfall,R.C.				
TITLE				
A comparison of conventional and automated administration of Raven's Standard Progressive Matrices.				
JOURN_BOOK				
International Journal of Man-Machine Studies				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17	-	305-310	OTHER AUTO STUD RELI CORR SPM UK	-
ABSTRACT				
The feasibility of presenting SPM in automated form was investigated. Results proved comparable to the conventional administration. Considerable time savings were achieved without loss of accuracy of test results. Retest reliabilities ranged from 0.82 to 1.00.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Carlota,A.J.				
TITLE				
Filipino female juvenile delinquents: An exploratory study of their level of intelligence.				
JOURN_BOOK				
Phillipine Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15-	16	3-27	ANTHROP SPM PERS CRIM ASIA	A
ABSTRACT				
SPM, HSPQ, TAT and Sentence Completion were given to 31 female delinquents and matched controls. Delinquents obtained lower SPM scores than controls.				

MATRICES YEAR				
SPM	1982			
AUTHOR				
Chan,J.				
TITLE				
Progressive Matrices across cultures: The use of Raven's Progres- sive Matrices in Hong Kong.				
JOURN_BOOK				
Paper presented at the 20th International Congress of Applied Psychology, July 25-31, Edinburgh.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP NORM KIDS SPM ASIA CHAN	A.
ABSTRACT				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Cristante,F.				
TITLE				
The effects of divergent thinking and convergent thinking upon creative abilities: A multivariate approach.				
JOURN_BOOK				
Archivio di Psicologia, Neurologia e Psichiatria				
VOLUME	SECTION	PAGES	CODES	INT_CODE
43	2	202-211	ANTHROP KIDS EURO CORR IQTS SPM EDUC	A.E.
ABSTRACT				
Compared the performance of 118 children from N. Italy on SPM and the Torrance Tests of Creativity in a study of convergent and divergent thinking. [Text in Italian]				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Diaz,R.M. & Berndt,T.				
TITLE				
Children's knowledge of a best friend; Fact or Fancy?				
JOURN_BOOK				
Developmental Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	6	787-794	MISC PERS KIDS MFSX SPM NOAM	-
ABSTRACT				
Developmental changes and predictors of childrens' knowledge about a best friend were assessed using 40 children from 4th and 8th grades.Cognitive level was assessed via SPM (Sets B,C,D). This together with frequency of contact and duration of friendship predicted significant portions of the variance in knowledge, especially of a non-intimate type.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Evers,A. & Zaal,J.N.				
TITLE				
Trends in test use in The Netherlands				
JOURN_BOOK				
International Review of Applied Psychology,				
VOLUME	SECTION	PAGES	CODES	INT_CODE
31		35-53	CRIT EURO SPM	
ABSTRACT				
A review of test usage by Netherlands psychologists, comparing rank and percentage of use in 1967, 1971 and 1975. Quality ratings were also assigned to the tests. In 1975, SPM rated 6th among the 22 most used tests, used by 37% and rated B.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Firkowska-Mankiewicz,A. & Czarkowski,M.				
TITLE				
Social status and mental test performance in Warsaw children.				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	-	237-247	ANTHROP WISC IQTS CORR SCLS KIDS SPM EURO	A.
ABSTRACT				
Reports on a cohort study of 11 yr. olds in Warsaw(14,238) and a second-stage sample of 1171, assessed intellectually on three tests (inc. SPM), with the sample also tested with the WISC. Results were related to health status, personality traits & SES. Parent's socio-occupational affiliation and parental education correlated 0.44 and 0.42 respectively with child's intellectual level. It was suggested that education and socio-occupational affiliation have specific, individual contributions to make in accounting for variation in childrens intellectual levels.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Ghosh,S.				
TITLE				
The effects of counseling on the study habits and achievement of the teacher trainees.				
JOURN_BOOK				
Indian Journal of Applied Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
19	2	85-91	VOC ANTHROP PERS SPM STUD ASIA	A.V.
ABSTRACT				
Female teacher trainees were given SPM, EPI and other measures in a study of counselling styles. SPM was used to ensure that all Ss fell between the 25th and 75th percentiles.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1982		
<i>AUTHOR</i>				
Glosser,G., Kaplan,E. & LoVerme,S.				
<i>TITLE</i>				
Longitudinal neuropsychological report of aphasia following left- subcortical hemorrhage.				
<i>JOURN_BOOK</i>				
Brain and Language				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
15	-	95-116	CLIN BRDM WAIS IQTS SPM NOAM	C.
<i>ABSTRACT</i>				
A simple case study of a patient with language disturbance assessed four times over 2.5 years. In addition to a variety of neuro- psychological assessments, the Shipley Institute of Living Scale and SPM were administered with impaired performances arising from impulsive responding.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Goldberg,E., Gerstman,L.J., Mattis,S., Hughes,J.E.O., Sirio,C.A. & Bilder,R.M.				
TITLE				
Selective effects of cholinergic treatment on verbal memory in posttraumatic amnesia.				
JOURN_BOOK				
Journal of Clinical Neuropsychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	3	219-234	CLIN BRDM SPM NOAM	C.
ABSTRACT				
The combined effects of orally administered physostigmine and lecithin were assessed in a double-blind study of a single patient with posttraumatic amnesia. Treatment improved verbal recall but not verbal recognition, visual memory or conceptual reasoning (SPM). Lack of improvement of conceptual reasoning may reflect a greater dependence of basal forebrain structures on catecholaminergic than cholinergic mechanisms.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Golu,P. & Mitrofan,N.				
TITLE				
Psycho-socio-pedagogical dimensions of didactic competence.				
JOURN_BOOK				
Revue Roumaine des Sciences Sociales- Serie de Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	1	3-17	EDUC CORR PERS SPM EURO	E.
ABSTRACT				
Assessed cognitive (including 30 minute timed SPM) and personal- ity characteristics of a sample of teachers and relations between tests were analysed. Concludes that attributes measured by psych- ometric instruments have a very low correlation with teaching aptitudes.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Grafman,J., Passafiume,D., Faglioni,P. & Boller,F.				
TITLE				
Calculation disturbances in adults with focal hemispheric damage.				
JOURN_BOOK				
Cortex				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	-	37-50	CLIN BRDM SPM EURO	C.
ABSTRACT				
Neuropsychological testing of 102 patients (76 hemisphere damaged and 26 controls) investigated the role played by anarithmetia and visuospatial disorders in subjects with acalculia. Poor SPM perf- ormance did not explain the poor performance of left posterior patients, nor the difference between left and right hemisphere damaged patients.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Hall,J.N				
TITLE				
Evaluation and comparison : social learning curriculum and inst- rumental enrichment.				
JOURN_BOOK				
Doctoral Dissertation, George Peabody College for Teachers of Vanderbilt University				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-		-	EDUC KIDS IQTS RFIE SPM NOAM	E.
ABSTRACT				
Assessed 3 groups of students, aged 12 or more, in a special programme. One was given istrumental enrichment training, one a social learning curriculum and one served as a control group. On some tests, improvements were related to the IE programme, but no differences appeared on SPM.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Hermelin,B. & O'Connor,N.				
TITLE				
Naming and classifying; Intelligence and frequency effects.				
JOURN_BOOK				
British Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
73	-	361-370	EDUC KIDS PPVT SPM UK	E.
ABSTRACT				
Reports on the naming and classifying abilities of three groups (N=14) of children - one of high academic ability, one of high artistic ability and a control group. All were given PPVT and SPM High IQ children had shorter response latencies than others and showed no word frequency effects in word naming tasks.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Hughston,G.A. & Merriam, S.B.				
TITLE				
Reminiscence: A nonformal technique for improving cognitive func- tioning in the aged.				
JOURN_BOOK				
International Journal of Aging and Human Development				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15	2	139-149	CLIN MFSX AGES SPM NOAM	-
ABSTRACT				
This study investigated the effect of a structured reminiscent intervention program upon cognitive functioning of the elderly. The sample consisted of 105 volunteers residing in a public hous- ing complex in central Pennsylvania. It was found that females in the reminiscent group significantly improved scores of cog- nitive functioning measured by the SPM. Both findings suggest that attempts to stimulate cognitive functioning in older people are worth undertaking and that memories can provide the material for such activities.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Karnes,F.A., Lee,L.A. and May,B.				
TITLE				
Correlations among scores on the 1966, 1973 and 1979 norms of Raven's Standard Progressive Matrices for economically disadvantaged students.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
55	-	793-794	CRIT NORM CORR KIDS SPM NOAM	N
ABSTRACT				
The correlations between the scores on the 1966, 1973, and 1979 norms on SPM for economically disadvantaged students in grades 3 to 5 were significantly high. It seems appropriate to use any of the three sets of norms with economically disadvantaged students.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Kundu,R. and Bhaumik,G.				
TITLE				
Some affective personality qualities of Murderer : A research note.				
JOURN_BOOK				
Personality Study and Group Behaviour				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	1	36-43	CLIN CRIM PERS SCLS SPM ASIA	C.
ABSTRACT				
Reports on a study of the motivational characteristics of 30 murderers, using the TAT. Results were compared with a control group matched for SPM level and SES.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Kurti,I.				
TITLE				
A tanulmányi eredeneny es a pszocializacio.				
JOURN_BOOK				
Pszichologia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	-	85-114	EDUC KIDS CORR VALD SPM	E.
ABSTRACT				
Used SPM to test the relationship between school performance and socialisation, finding that level of schooling of both parents correlated positively with childrens test results. SPM correlated 0.4 with school achievement.				
[Text in Hungarian]				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Langevin,R., Paitich,D., Orchard,B., Handy,L. and Russon,A.				
TITLE				
Diagnosis of killers seen for psychiatric assessment				
JOURN_BOOK				
Acta Psychiatrica Scandinavica				
VOLUME	SECTION	PAGES	CODES	INT_CODE
66	3	216-228	CLIN IQTS PERS CRIM BRDM SPM NOAM	C.
ABSTRACT				
Assessed 109 killers, 38 non violent offenders and 54 controls with personality tests (MMPI, 16PF) and intellectual measures including SPM. No significant personality differences were found. IQ was generally normal, but with a weak trend to lower IQ and brain pathology.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Lincoln,N.B., Pickersgill,M.J., Hankey,A.I. and Hilton,C.R.				
TITLE				
An evaluation of operant training and speech therapy in the language rehabilitation of moderate aphasics.				
JOURN_BOOK				
Behavioural Psychotherapy				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10	-	162-174	CLIN NUSY PHYS VERB BRDM SPM UK	C.
ABSTRACT				
24 aphasics attending a rehabilitation centre were treated for 4 weeks with speech therapy and 4 weeks with either operant training or attention-placebo. No significant differences between treatments emerged. Improvement was noted over the 8 weeks on 31 of 38 measures, including SPM.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Matousek,M., Blomstrand,C. and Wikkelseo,C.				
TITLE				
Automatic EEG analysis in the diagnosis and treatment of organic psychosyndrome due to brain atrophy and normotensive hydrocephalus				
JOURN_BOOK				
Advances in Biological Psychiatry				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	-	8-12	CLIN CORR EEGM BRDM SPM EURO	C.
ABSTRACT				
Patients with normotensive hydrocephalus (n=15) and cerebral atrophy or dementia of different origin (n=12) were repeatedly examined by EEG, CSF and four psychometric tests - SPM, Bingley's Memory Test, Identical Forms Test and Reaction Time. Bingley's memory test showed the highest correlation with total clinical score.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
McLaughlan,W.G.				
TITLE				
Stimulus complexity and similarity on factors in Matrix problem solving.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
43	3-B	901	CRIT AUTO SPM NOAM	-
ABSTRACT				
Reports a task analysis of SPM, identifying the contribution of dimensions of complexity and similarity to solubility. 80 subjects were tested using an automated approach, with response times recorded. Complexity and similarity rating scale data were negatively correlated.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Mohan,J., Sehgal,M. and Bhandari,A.				
TITLE				
Intelligence, sex and vigilance.				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	-	343-344	ANTHROP PERS MFSX KIDS SPM	A.
ABSTRACT				
A study using Indian high school students (N=180) investigating the relationship between vigilance, sex and intelligence. SPM measured 'g' and the junior personality inventory matched the sample on extraversion and neuroticism, with equal numbers of boys and girls. Vigilance was found to increase as a direct function of intelligence. Sex did not contrinute to results alone but an interaction effect did prove significant. Vigilance was measured using a visual signal detection task.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Mohan,J., Sehgal,M. and Bhandari,A.				
TITLE				
Intelligence, sex and psychomotor performance.				
JOURN_BOOK				
Personality and Individual Differences				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	-	457-459	ANTHROP KIDS MFSX PERS SPM ASIA	A.
ABSTRACT				
A study using Indian high school students (90 male, 90 female) of the relationship between intelligence (SPM), sex and psychomotor performance (Backward Figure and Alphabet Writing). Subjects were matched for extraversion and neuroticism on the junior personality inventory. High intelligence was associated with superior psychomotor performance.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Moran,J.D. and Ellen,Y.Y.L.				
TITLE				
Effects of reward on creativity in college students of two levels of ability.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
54	1-	43-48	EDUC MFSX STUD IQTS SPM NOAM	E.
ABSTRACT				
A study of the effects of reward on the creativity of students - 40 subjects in groups of higher/lower ability assessed by the WRAT and SPM (Sets C,D,E). An interaction effect of ability x reward was found.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Mythili,S.P. and Devi,P.N.				
TITLE				
The relationship of behavioral rigidity to obsessive compulsiveness and authoritarianism.				
JOURN_BOOK				
Journal of Indian Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	1	38-44	ANTHROP SPM PERS CORR ASIA	A
ABSTRACT				
The relationship between behavioral rigidity and obsessive- compulsiveness was studied with 66 students given personality tests and SPM. Correlations between composite and motor-cognitive rigidity were significantly related to obsessive-compulsiveness.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Nichelli,P., Pollam,A., & Sorgato,P.				
TITLE				
Deficit subclinici di memoria negli etilisti cronici				
JOURN_BOOK				
Rivista di Patologia Nervosa e mentale				
VOLUME	SECTION	PAGES	CODES	INT_CODE
103		133-145	CLIN BRDM EURO DRUG SPM	C
ABSTRACT				
Compared normal Ss with chronic alcoholics without clinical evidence of memory disorders were compared on tests of verbal learning, using two different strategies. The alcoholics were inferior on SPM. The scope of the impairment produced by chronic alcohol consumption is wider than suggested by clinical observations and deserves careful assessment.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Pathy,M.K.				
TITLE				
A sample study of the high school drop-outs in rural Western Orissa.				
JOURN_BOOK				
Indian Educational Review				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17	3	134-139	ANTHROP EDUC SCLS SPM ASIA	A.E.
ABSTRACT				
Studied factors affecting drop-out among Indian high school students. Ten students were interviewed, given SPM, and assessed on annual exams. SES and caste were independent variables. Ss whose IQ fell within the low to average range had a positive attitude to school and teachers.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Pearce, N.K.B.				
TITLE				
A comparison of Raven's Standard Progressive Matrices, the structure of intellect screening form for the gifted, and the WISC(R) as used for identifying gifted students				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
42	-	8	EDUC AGES WISC IQTS CORR VALD FMSX SPM NOAM	E
ABSTRACT				
Compared the effectiveness of SPM, WISC-R and Meekers SO1 Screen- ing Form for the Gifted. Fifth and sixth grades of both sexes were assessed. Significant and 'encouraging' correlations be- tween SPM and WISC-R were found. Age was a significant variable, but sex was not.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Peterson, P.L. and Swing, S.R.				
TITLE				
Beyond time on task: Student's reports of their thought processes during classroom instruction.				
JOURN_BOOK				
Elementary School Journal.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
82	-	481-491	EDUC KIDS SPM NOAM	-
ABSTRACT				
Reports on analysis of classroom behaviour and thought processes with 72 male and female 5th/6th graders. Three levels of ability were defined using the Sequential Test of Educational Progress (STEP) and SPM. Concludes that students' reported thought processes may be better predictors of students achievement than observations of student behaviour.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Raina,M.K. & Arunima,V.				
TITLE				
Serum uric acid, serum cholesterol and intelligence.				
JOURN_BOOK				
Journal of Psychological Researches				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	1	28-35	CLIN PHYS STUD SPM ANTHROP ASIA	C.
ABSTRACT				
This study tried to investigate the relationship between serum uric acid concentrations, serum cholesterol and intelligence scores. Two groups of undergraduate male students from two institutions were selected on the basis of certain criteria and they donated 5 mls. of blood, which was tested for uric acid and cholesterol concentrations. SPM was used as a measure of intell- ige nce. Results indicated that neither uric acid nor serum cholesterol concentrations were significantly related with intelligence scores.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Ruddle,H.V. & Bradshaw,C.M.				
TITLE				
On the estimation of premorbid intellectual functioning: Validation of Nelson and McKenna's formula,and some new normative data				
JOURN_BOOK				
British Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
21	-	159-165	CLIN VALD WAIS AGES BRDM CORR SPM UK	C
ABSTRACT				
The Schonell Graded Word Reading Test (SGWRT),the WAIS and SPM were administered to 78 healthy subjects aged 18-84 years. Regression equations were derived for predicting total scores on SPM on the basis of age and score on SGWRT. Results constitute a validation of Nelson and McKenna's formula for estimating pre- morbid IQ, and provide new normative data which may be used for estimating score on SPM.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Schroth,M.L.				
TITLE				
Relationships between level I and level II abilities and problem solving.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
54	-	871-876	CRIT CORR WAIS STUD SPM NOAM	-
ABSTRACT				
Using 110 students, Jensen's level I and II mental abilities concept was assessed, with Davis' Type 'O' and 'C' tasks serving as the problem solving mode. WAIS Digit Span and SPM were used for Level I and II testing, and correlated .07. These results did not provide support for Jensen's "twisted pear" hypothesis.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Sen,A.K. & Aghi,A.				
TITLE				
A factor analytic study of creativity, intellectual capacity and achievement among Grade XI students.				
JOURN_BOOK				
Indian Psychologist				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	1	19-23	ANTHROP EDUC FACT KIDS SPM ASIA CORR	A.E.
ABSTRACT				
Using 120 10th graders from a Delhi school, relationships between creativity, intellectual capacity (SPM), scholastic and need achievement were studied. From factor analysis of results, two factors emerged - Creative Potential and Cognitive Achievement.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Spears,J.J.				
TITLE				
The relationship of intelligence to birth order in a sample of 5 to 18 year old children on the island of Puerto Rico.				
JOURN_BOOK				
Doctoral dissertation: University of Connecticut.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP GENET KIDS NORM SPM NOAM	A
ABSTRACT				
A randomly selected sample of Puerto Rican public school children aged 5 to 18 was tested with SPM to develop normative scores for Puerto Rico. From that study of 5311 Ss, 4789 were further studied to determine whether these data were consistent with the confluence model of Zajonc, which purports to explain the relationship of birth order and family size to intelligence. Results did not generally support the confluence model. Birth order effects did not systematically vary with age at time of testing as predicted, nor were predicted discontinuities in the development of only children and last borns obtained. Family size when birth order effects were controlled, was found to be negatively related to				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
STEEVES,K.J.				
TITLE				
Memory as a factor in the computational efficiency of dyslexic children with high abstract reasoning ability.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
43	04	1095	EDUC SPM GIFT KIDS NOAM	E
ABSTRACT				
It was hypothesized that dyslexic children with high abstract reasoning ability would resemble mathematically gifted children in this ability but not in mathematical computation, and that memory deficits might prove to be a factor in the difference. The SPM were used to select children. The only significant interaction between dyslexia and giftedness was on abstract reasoning. It was suggested that there is a group of dyslexid children with high abstract reasoning ability who may achieve well in mathematics despite memory deficits which appear to have an adverse effect on their computational ability.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Swing,S.R. & Peterson, P.L.				
TITLE				
The relationship of student ability and small-group interaction to student achievement.				
JOURN_BOOK				
American Educational Research Journal.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
19	2	259-274	EDUC KIDS SPM NOAM	E.
ABSTRACT				
A study of student ability and behaviour among 43 fifth-graders involved in small group interaction, with experimental and control groups receiving maths instruction over a 4 week period. Three ability levels were assessed, with group membership (high, medium or low ability) determined by Z Scores on SPM and a mathematical computation test.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Townsend,M.A.R.				
TITLE				
Measurement of Level I and Level II mental abilities as a function of test and socioeconomic status.				
JOURN_BOOK				
Psychological Reports.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
51	-	135-141	ANTHROP EDUC SCLS KIDS SPM AUST	E.
ABSTRACT				
Jensen's dual process hypothesis was investigated, using 227 Grade 4 (10-11 yrs) children in three SES grouping, with SPM used as a Level II measure. No clear distinctions between Levels I and II were found. SPM (20 minute timed administration) did correlate positively with SES. Absence of effects may relate to the study being conducted in New Zealand with a class structure different from that studied by Jensen.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Vargha-Khadem,F.				
TITLE				
Hemispheric specialization for the processing of tactual stimuli in congenitally deaf and hearing children.				
JOURN_BOOK				
Cortex				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	-	277-286	CLIN KIDS DEAF PHYS VERB SPM NOAM	C.
ABSTRACT				
A group of 16 congenitally deaf children and a control group matched on SPM were given two dichhaptically presented tests of hemispheric specialization. Age and SPM interactions produced significant differences between subgroups on a nonsense shapes task.				

MATRICES		YEAR		
SPM		1982		
AUTHOR				
Vers,A. & Zaal,J.N.				
TITLE				
Trends in test use in The Netherlands.				
JOURN_BOOK				
International Review of Applied Psychology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
31	-	35-53	CRIT VOC SPM EURO	-
ABSTRACT				
Reports results of surveying psychological test usage in Holland, based on a survey of users. Results from 1961 and 1971 are compared with this survey conducted in 1975. SPM is found to be the sixth most frequently used test(the most popular group ability test) and given a 'B' rating for quality. Its major usage is in vocational contexts.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1982		
<i>AUTHOR</i>				
Wilgosh,L. & Paitich,D.				
<i>TITLE</i>				
Delinquency and learning disabilities: more evidence.				
<i>JOURN_BOOK</i>				
Journal of Learning Disabilities				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
15	5	278-279	CLIN WISC IQTS CRIM KIDS MFSX SPM NOAM	C.
<i>ABSTRACT</i>				
Male and female delinquents with learning difficulties completed SPM, WRAT and WISC Vocabulary. No significant sex differences on SPM were found. Taking that cognitive criterion, which showed the group to be of average ability, a high percentage was found to demonstrate significant learning difficulties (over 60% on a conservative criterion).				

MATRICES		YEAR		
SPM		1981		
AUTHOR				
Alexander,P.A.M.				
TITLE				
Predictive accuracy of third and fifth graders on linguistic and non-linguistic comprehension figures: the relationship between performance on graduated passage questions under				
JOURN_BOOK				
listening and reading conditions and the Standard P.M. ... Doctoral Thesis, University of Maryland				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			EDUC NOAM KIDS IQTS CORR VALD	E.
ABSTRACT				
A group of 18 boys and 22 girls was tested on tasks of reading and listening, and given SPM and the Slosson Test. Correlations between tests found significant relationships between procedures, and developmental differences in predictive adequacy.				

MATRICES		YEAR		
SPM		1981		
AUTHOR				
Armstrong,D.F.				
TITLE				
Relationships between biological and mental development at adolescence.				
JOURN_BOOK				
Doctoral dissertation, University of Pennsylvania Dissertation Abstracts				
VOLUME	SECTION	PAGES	CODES	INT_CODE
41A	10	4439	ANTHROP GENET NOAM SPM PPVT CORR TWIN	A
ABSTRACT				
Data from 400 same sexed twins in the Philadelphia twin Study of levels of biological and mental development were analyzed to test for effects of intervening variables. SPM and PPVT were included. The study confirms earlier work indicating a positive correlation between biological maturity level and level of cognitive development.				

MATRICES		YEAR		
SPM		1981		
AUTHOR				
Brenner, R.A.				
TITLE				
Elementary school students' abilities to read and solve arithmetic word problems: A study of prerequisite skills.				
JOURN_BOOK				
Doctoral Dissertation, University of California,LA. In Dissertation Abstracts DAI-A				
VOLUME	SECTION	PAGES	CODES	INT_CODE
42	5	1947	EDUC KIDS NOAM SPM CORR VALD FACT	E
ABSTRACT				
Ten original subtests, designed to measure student proficiencies in 10 hypothesized skills, and a further test of arithmetic word problems were developed and administered to 39 male and 52 female fifth grade students at two racially integrated schools in L.A. SPM was also administered. Posttest interviews were compared with cognitive processes. Data analyses included correlations and factor analysis of results on all tests, and multiple regression concerning the predictive value of the 10 tests, SPM and math and reading strategies.				

MATRICES		YEAR		
SPM		1981		
AUTHOR				
Clemens, V. M.				
TITLE				
Cognitive functioning and cultural hemisphericity: A study of race and class				
JOURN_BOOK				
Doctoral dissertation: California School of Professional Psychology. Dissertation Abstracts				
VOLUME	SECTION	PAGES	CODES	INT_CODE
B	42	367	CLIN NUSY HEMI SCLS RACE SPM NOAM MFSX	C
ABSTRACT				
A study of hemispheric specialization of function using 130 middle and low SES White and Black adults. Measures for laterality were administered as well as SPM. It was hypothesised that racial differences on SPM would be due to variation in degrees of lateralisation. This was confirmed, together with main effects for SES, race and sex.				

MATRICES		YEAR		
SPM		1981		
AUTHOR				
Crookes, T.G., Pearson, P.R., Francis, L.J. & Carter, M.				
TITLE				
Extraversion and performance on Raven's Matrices in 15-16 year old children: an examination of Anthony's theory of the development of extraversion.				
JOURN_BOOK				
British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
51	-	109-111	EDUC KIDS PERS CORR SPM UK	E.
ABSTRACT				
Anthony's theory (1973) of the development of extraversion in children requires that there should be a negative correlation between extraversion and intelligence in adolescents of the age of 13 or 14. To test this, SPM and the Junior Eysenck Personality Inventory were administered to a large group (802) of 15- and 16-year olds. There was small but significant positive correlation between extraversion and SPM (+0.1), so Anthony's theory was not supported.				

MATRICES		YEAR		
SPM		1981		
AUTHOR				
Gilmore,A.				
TITLE				
The Raven Standard Progressive Matrices for New Zealand children.				
JOURN_BOOK				
Unpublished Report,NZCER.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC KIDS NORM SPM AUST	E.
ABSTRACT				
Reports data from a 1981 pilot study for renorming SPM with child ren in New Zealand,aged 8-16 years. Unpublished, but for results see De Lemos (1984) and Reid and Gilmore (1988).				

MATRICES		YEAR		
SPM		1981		
AUTHOR				
Guttman,R.				
TITLE				
Performance on the Raven Progressive Matrices as a function of age, education and sex				
JOURN_BOOK				
Educational Gerontology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	1	49-55	ASIA ISRAEL AGES SPM CLIN ANTHROP MFSX EDUC	A.C.
ABSTRACT				
SPM was given to 408 individuals aged 8 to 60 in 100 family groups in Israel. Males scored higher than females at all age levels. Total scores were highest in the 18-26 age range and decreased with age, especially on Set E. Age decrement remained even when education was held constant. It is possible cohort differences may account for some of the decline.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1981		
<i>AUTHOR</i>				
Haznedar, Binnur Sidika Koklu				
<i>TITLE</i>				
Using the D-48 test in the identification of the disadvantaged gifted.				
<i>JOURN_BOOK</i>				
Doctoral Dissertation, University of Alabama In Dissertation Abstracts, DAI-A				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
62	6	2572	EDUC IQTS SBIT GIFT KIDS SLCT PGET	E
<i>ABSTRACT</i>				
Using a battery of tests, the study attempted to identify gifted disadvantaged children at third and fourth grade levels.The D-48 was used as a primary screening measure, together with SPM, SBIT, Piagetian tasks and a behavior checklist. Two studies were reported. All children identified as gifted using the D-48 were also identified as gifted with SPM and the Piagetian tasks.				

MATRICES YEAR				
SPM		1981		
AUTHOR				
Kyostio,O.K.				
TITLE				
The child and his environment				
JOURN_BOOK				
Unpublished Ms				
VOLUME	SECTION	PAGES	CODES	INT_CODE
		Pp 11	ANTHROP EURO KIDS AGES CORR EDUC SPM EURO	A.E
ABSTRACT				
Report of a nine-year study of the development of Finnish schoolchildren throughout their period of compulsory schooling, i.e. ages 7 to 16. An initial cohort of 767 children was tested with SPM, a Finnish performance test, and results compared with school achievements. SPM correlated well with reading (.73) and maths (.90) performance.				

MATRICES		YEAR		
SPM		1981		
AUTHOR				
Leal,L.L., Baxter,E.G., Martin,J. and Marx,R.W.				
TITLE				
Cognitive modification and systematic desensitization with test anxious high school students				
JOURN_BOOK				
Journal of Counseling Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28	6	525-528	CLIN EDUC STUD PERS NOAM SPM	C
ABSTRACT				
Examined the effectiveness of cognitive modification and systematic desensitization in reducing test anxiety among students. The STAI and SPM were used as pre and post tests. Treatment X Time ineractions showed an increase on SPM with S.D. and a decrease for the cognitive intervention for the STAI.				

MATRICES		YEAR		
SPM		1981		
AUTHOR				
LONGSTRETH,L.E. ET AL				
TITLE				
Separation of home intellectual environment and maternal IQas determinants of child IQ.				
JOURN_BOOK				
Developmental Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17	5	532-541	EDUC ANTHROP SPM KIDS PPVT NOAM	E.A.
ABSTRACT				
Measured parental and child IQ with the RPM and the Peabody Picture Vocabulary Test. Home intellectual environment was assessed through a 2 hour interview with the mother. It was found through multiple regression analyses that the correlation of home environment and child IQ was considerably over- estimated when maternal IQ was allowed to covary. When maternal IQ was statistically controlled, the correlation between home environment ratings and child IQ was attenuated to nonsignificance.				

MATRICES	YEAR			
SPM	1981			
AUTHOR				
Mehlhorn,G. and Mehlhorn,H.G.				
TITLE				
Intelligenz-Tests und Leistung. [Intelligence tests and achievement]				
JOURN_BOOK				
Wissenschaft und Fortschritt				
VOLUME	SECTION	PAGES	CODES	INT_CODE
31	9	346-351	EDUC KIDS SPM EURO	E.
ABSTRACT				
Reports repeated testing of Leipzig children from age 11-12, annually with SPM over 4 years and finding a significant increment in mean scores greater than that attributable to practice effects. [Text in German]				

MATRICES		YEAR		
SPM		1981		
AUTHOR				
Mergler,N.L. & Hoyer,W.J.				
TITLE				
Effects of training on dimensional classification abilities: adult age comparisons				
JOURN_BOOK				
Educational Gerontology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	2-3	135-145	EDUC NOAM AGES SPM CORR	E
ABSTRACT				
Compared young adults' and the elderly's methods of problem solving after training, using strategy training or noncontingent social praise. SPM was completed by college young adults, noncollege young adults and an elderly group (mean age 71). Results on SPM showed college students completed significantly more problems than the elderly. Training did not enhance the performance of the elderly. Noncontingent social praise had no effect at any age.				

MATRICES		YEAR		
SPM		1981		
AUTHOR				
Naglieri,J.A., Kaufman,A.S., Kaufman,N.L. and Kamphaus,R.W.				
TITLE				
Cross validation of Das' simultaneous and successive processes with novel tasks.				
JOURN_BOOK				
Alberta Journal of Educational Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
27	3	264-271	EDUC AGES KIDS FACT VALD CPM SPM SISU NOAM	E.
ABSTRACT				
In a study of simultaneous and successive processing, CPM and SPM were used with 77 elementary school children aged 4-12.5. 10 other tasks were also used and the battery subjected to varimax analysis. RPM loaded 0.66 on the simultaneous factor.				

MATRICES		YEAR		
SPM		1981		
AUTHOR				
Nowparast, N.				
TITLE				
A comparative personality study of Moslem, Jewish and Christian college students in Iran				
JOURN_BOOK				
Doctoral Dissertation, Florida Institute of Technology Dissertation Abstracts				
VOLUME	SECTION	PAGES	CODES	INT_CODE
B	41	4271	ANTHROP STUD PERS SPM ASIA	A
ABSTRACT				
Objective measures were taken to determine whether significant personality differences exist between Moslems, Jews and Christians. Personality measures and SPM were given to 35 students from each category, matched for age, race,SES, marital status and IQ score. Significant personality differences were found.				

MATRICES		YEAR		
SPM		1981		
AUTHOR				
Otero-Cordero,M.E. & Cruz-Lamadrid,T.				
TITLE				
Perfil psicologico en colitis ulcerativa idiopatica. [Psychological profile in idiopathic ulcerative colitis.]				
JOURN_BOOK				
Boletin de Psicologia Cuba				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	1	1-12	PERS PHYS SPM AGES SCAM CLIN ANTHROP	
ABSTRACT				
Examined the psychological characteristics of 37 patients suffering ulcerative colitis and 38 controls. Tests included the ETI, 16PF and SPM. Ss were grouped according to sex, age and duration of illness, and results were subjected to analysis of variance. The intellectual level of patients was high. [Text in Spanish: Summary in English.]				

MATRICES		YEAR		
SPM		1981		
AUTHOR				
Penk,W.E., Brown,A.S. Roberts,W.R., Dolan,M.P.,Atkins,H.G. and Robinowitz,R.				
TITLE				
Visual memory of Black and White male heroin and nonheroin drug users.				
JOURN_BOOK				
Journal of Abnormal Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
90	5	486-489	CLIN DRUG SPM RACE NOAM	C
ABSTRACT				
Observed intellectual functioning, measured by SPM, was compared with expected levels of visual memory, using the Benton VRT, for substance abusers. Significant ethnic differences were found. Heroin addicts and polydrug users were 2SD below expected performance on BVRT.				
----- Get Mail Starts				

MATRICES		YEAR		
SPM		1981		
AUTHOR				
Ruth, J.-E.				
TITLE				
Creativity as a cognitive construct: The effects of age, sex and testing practice.				
JOURN_BOOK				
Doctoral dissertation, University of Southern California In Dissertation Abstracts, DAI-B				
VOLUME	SECTION	PAGES	CODES	INT_CODE
42	03	1155	ANTHROP SPM MFSX AGES CVS NOAM	A
ABSTRACT				
150 subjects were tested to analyze the effects of age, sex and testing practice on creativity. Intelligence was included as part of the experimental variables and was therefore also studied for these effects. 46 Ss were young (25-35), 54 Ss were middle aged (45-55) and 50 were old (65-75). 64 Ss were men and 86 women. Creativity was measured by two verbal and two non-verbal creativity tests. Intelligence was measured by the Crichton Vocabulary Scale (CVS) and the SPM. Intelligence showed an age difference dependent on which ability was measured. An age difference was found in logical reasoning but not in verbal activity. The SPM was found to be sensitive to testing practice.				

MATRICES		YEAR		
SPM		1981		
AUTHOR				
Scarr,S.				
TITLE				
JOURN_BOOK				
Race, Social Class, and Individual Differences in I.Q. Hillsdale,N.J.: Lawrence Erlbaum				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			ANTHROP RACE SCLS IQTS PPVT CORR VALD SPM	A
ABSTRACT				
Reports on the psychometric study of sets of twins, using measures of social status, blood groups, and a range of psychological tests including SPM and PPVT.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1981		
<i>AUTHOR</i>				
Scheuneman,J.D.				
<i>TITLE</i>				
A new look at bias in aptitude tests.				
<i>JOURN_BOOK</i>				
New Directions for Testing and Measurement				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
12		3-35	CRIT SPM ITEM VALD ANTHROP	
<i>ABSTRACT</i>				
Concludes that internal analyses of item difficulties and item-by -group interactions point to a relatively low cultural bias in the SPM.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1981		
<i>AUTHOR</i>				
Singh,S.				
<i>TITLE</i>				
Intra-psychic predictors of modernization among Indian farmers				
<i>JOURN_BOOK</i>				
In J.L.M. Binnie-Dawson, G.H.Blowers & R. Hoosain (Eds) Perspectives in Asian Cross-Cultural Psychology. Amsterdam: Swets and Zeitlinger				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
		183-192	ANTHROP ASIA SPM VOC	A
<i>ABSTRACT</i>				
Provides an account of the performance of a group of 200 Indian farmers. Several test measure including SPM are described in this conference paper. For fuller details see S. Singh (1984).				

MATRICES		YEAR		
SPM		1981		
AUTHOR				
Vernon,P.A.				
TITLE				
Reaction time and intelligence in the mentally retarded				
JOURN_BOOK				
Intelligence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5		31-36	TIME SPM BRDM NOAM FACT CORR STUD DFCT EDUC CL INLYVERN SIME	
ABSTRACT				
Mildly retarded young adults were tested with simple and choice RT. Scores were available for SPM and Figure Copying. Ss' RT increased as a function of stimulus complexity and were consistently slower than non-retarded Ss, and intraindividual variability was greater. A fairly strong relationship was found between some RT variables and RPM scores with intraindividual variability showed the highest correlation. On a principal components analysis, RPM loaded .55 on the first factor.				

MATRICES		YEAR		
SPM		1981		
AUTHOR				
Williams,R.M., Goldman,M.S. and Williams,D.L.				
TITLE				
Expectancy and pharmacological effects of alcohol on human cognitive and motor performance: The compensation for alcohol effect.				
JOURN_BOOK				
Journal of Abnormal Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
90	-	267-270	CLIN NUSY DRUG SPM NOAM	C.
ABSTRACT				
Expectancy and pharmacological effects of alcohol were assessed on perceptual, cognitive and motor tasks at two alcohol dose levels. 42 male students aged 18-25 expected either alcohol or tonic. Testing including a subset of 13 SPM items to be attempted over 3 minutes. Results suggest that subjects can compensate for alcohol induced deterioration on cognitive tasks if they are aware they have consumed alcohol.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1981		
<i>AUTHOR</i>				
Winkler,I.				
<i>TITLE</i>				
Incremental validity of short IQ tests				
<i>JOURN_BOOK</i>				
Doctoral dissertation, University of Iowa Dissertation Abstracts				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
42A	1	151	CLIN NOAM WAIS IQTS SPM PPVT VALD PSAT BRDM	C
<i>ABSTRACT</i>				
With a mixed psychiatric sample, a study was conducted to compare the accuracy of three measures in predicting WAIS IQ scores. Only the Shipley Institute of Living Scale proved to be a satisfactory alternative. SPM and PPVT were also assessed and not found to be comparable measures to use of the WAIS.				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Averbrough,S. & Fuchs,D.				
TITLE				
Le Test Progressive Matrices - PM38 (SPM). Instrument de depist- age de l'inadaptation Scolaire.				
JOURN_BOOK				
Revue de Psychometrie et de Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	-	71-76	EDUC NORM KIDS DFCT SPM EURO	E.
ABSTRACT				
Contains norms for the SPM for 7-11 year olds for urban areas, based on 1,700 children. It is argued that the test allows early detection of a lack of school integration due to intellectual deficiency.				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Bergami,E., Falato,R. & Valenzi,C.				
TITLE				
La somministrazione di test psicodiagnostici in ambiente ospedaliero. [Psychodiagnostic tests administered to patients in a hospital setting: A methodological evaluation]				
JOURN_BOOK				
Lavoro-Neuropsichiatrico				
VOLUME	SECTION	PAGES	CODES	INT_CODE
67	3	47-51	CLIN PSAT EURO SPM	C
ABSTRACT				
A description of the range of diagnostic tests used in the Ospedale s. Spirito in Italy. Personality and intellectual measures are described, including SPM. [Text in Italian]				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Biersner,R.J. & Larocco,J.M.				
TITLE				
Determinants of reading performance and achievement.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
50	-	715-721	EDUC IQTS CORR VALD RACE SPM NOAM	E.
ABSTRACT				
Reading achievement in a remedial group of 34 Navy recruits and 53 regular recruits was related to various criterion measures including General Classification Test and SPM(but described as 40 patterns with a choice of five alternatives). The comparison group scored higher on SPM, which was highly correlated with the GTC (0.74) but also contributed separately to multiple regression through its conceptual component.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1980		
<i>AUTHOR</i>				
Bizman,A., Yinon,Y., Ronco,B. & Shachar,T.				
<i>TITLE</i>				
Regaining self-esteem through helping behaviour.				
<i>JOURN_BOOK</i>				
Journal of Psychology				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
105	-	203-209	MISC STUD SPM ISRAEL ASIA	-
<i>ABSTRACT</i>				
Thirty-seven female undergraduates failed or succeeded in a task requiring intellectual ability (hard or easy items from SPM) and were then asked to help by either reperformance of an identical task or by manifesting their intellectual ability in a completely different way. More time was devoted to help under the different task conditions by subjects who failed than by subjects who succeeded.				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Christie,D.J. & Glickman, C.D.				
TITLE				
The effects of classroom noise on children: Evidence for sex differences.				
JOURN_BOOK				
Psychology in the Schools				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17		405-408	EDUC KIDS MFSX AGES AUST SPM	E.
ABSTRACT				
The intellectual performance of 156 first, third and fifth grade children given SPM problems to solve in a noisy or quiet environment was fiund to increase with age. Boys tolerated the noisy background better than girls, but noise intrusion was not correlated with age.				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Cole,R.F.				
TITLE				
Cerebral specialization in exceptional children				
JOURN_BOOK				
Doctoral dissertation, Brigham Young University. Dissertation Abstracts				
VOLUME	SECTION	PAGES	CODES	INT_CODE
41A	6	2550	EDUC CLIN NOAM KIDS HEMI NUSY ?SPM BRDM GIFT	E.C.
ABSTRACT				
Groups of children categorized as learning disabled, normal and gifted were assessed with tests hypothesized to involve the left or right hemisphere for solution. Ss were 88 children, drawn from grades 2 - 6. Age differences were found for all tasks. On factor analysis, the Raven Progressive Matrices (?SPM) , identified as a right hemisphere task, actually clustered with left hemisphere tests. Gifted children showed left hemisphere strength and learning disabled children showed left hemisphere weakness.				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Corno,L.				
TITLE				
Individual and class level effects of parent-assisted instruction in classroom memory support strategies.				
JOURN_BOOK				
Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
72	-	278-292	EDUC IQTS KIDS SPM NOAM	E.
ABSTRACT				
An experimental treatment designed to familiarise third graders with common classroom memory support strategies was delivered by parents. Treatment effects were assessed on a number of cognitive outcomes. Gc was measured with two verbal tests. Gf was assessed using a non-standard version of SPM, involving a section of 16 items to be completed in ten minutes.				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Desai,K.G.				
TITLE				
Comparative factorial structure of Raven's Standard Progressive Matrices, Cattell's Culture Fair Scale 3, Desai-Bhatt Group Tests of Intelligence on samples of various sub-cultures of Gujarat.				
JOURN_BOOK				
Journal of Psychological Researches				
VOLUME	SECTION	PAGES	CODES	INT_CODE
24	1	8-15	CRIT IQTS RACE ANTHROP SPM EDUC FACT MFSX ASIA	A.E.
ABSTRACT				
An investigation with VIII grade children (average age 13 yrs) to find out how far various intelligence tests discriminate among various cultural groups. Children from urban, semi-urban, rural and tribal sub-cultures of Gujarat were assessed using SPM, Cattell's Culture Fair 3 and two Indian tests. Factor loadings for each test are reported. Total sample was 338, with 239 boys. Girls scores were on average below those for boys on SPM. The means for both sexes decrease as one goes from urban to semi- urban, through rural to tribal groups. SPM loaded on two factors identified as 'perception of relationship' and 'manipulation of correlates'				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Flathouse,V.E., Burks,S.B., Morris,P.B. & Carr,C.S.				
TITLE				
Texas School for the Deaf Talented and Gifted Project Manual. Volume 1.				
JOURN_BOOK				
Texas School for the Deaf, Austin, Texas				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	-	-	EDUC CLIN PHYS AGES SLCT VALD STUD SPM NOAM	E.C.
ABSTRACT				
This manual describes procedures for the identification and selection of talented and gifted deaf students. From a range of possible measures several were selected on the basis of the performance of 537 students, aged 6 to 21. SPM was found to contribute significantly to the selection process in the age ranges 6 - 11 and 15 - 21.				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Francis,L. & Carter,M.				
TITLE				
Church-aided secondary schools. Religious education as an examin- ation subject and pupil attitude towards religion.				
JOURN_BOOK				
British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
50	-	297-300	EDUC PERS SPM UK	E.
ABSTRACT				
Compared the religious attitudes of 802 5th yr. secondary students in England attending church schools or local education authority schools. Measures of religious attitudes, intelligence (SPM) and personality (Junior EP1) were obtained. No differences in religious attitudes between the two systems were detected.				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
French,L.A.				
TITLE				
Cognitive consequences of education: Transfer of training in the elderly				
JOURN_BOOK				
Doctoral dissertation: University of Illinois Dissertation Abstracts				
VOLUME	SECTION	PAGES	CODES	INT_CODE
B	41	717	EDUC SPM NOAM AGES VARI	E
ABSTRACT				
A study of elderly people and the long term consequences of education. A clinical procedure for diagnosing retardation provided a training method and problems similar to those in SPM were used for training. Problem solving ability did improve with the training procedure.				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Genesee,F. & Hamayan,E.				
TITLE				
Individual differences in second language learning.				
JOURN_BOOK				
Applied Psycholinguistics				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	-	95-110	EDUC FACT KIDS VALD CORR SPM NOAM	E.
ABSTRACT				
An investigation of individual differences in French language achievement in a group of grade 1 Anglophone students attending a total early immersion program in Montreal. Predictor factors to predict French language achievement included indices of attitudes personality traits, SPM, field independence and school-related behaviour. SPM had a factor loading of 0.60 on a factor tentatively described as intelligence. Correlations of SPM with other meas- ures are also reported.				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Herrick,H.M.				
TITLE				
Concept formation and prevocational competence in deaf students				
JOURN_BOOK				
Doctoral dissertation, Boston University.. Dissertation Abstracts				
VOLUME	SECTION	PAGES	CODES	INT_CODE
41A	5	2060	EDUC NOAM CLIN PHYS IQTS DEAF STUD CORR VALD SP M	E.C.
ABSTRACT				
A study of the relationship of nonverbal concept formation and pre-vocational competence among deaf students, using SPM and the Halstead Category test. These two tests correlated moderately positively. Ss were 52 male deaf students, average age 18, without visual or physical abnormalities.				

MATRICES	YEAR			
SPM	1980			
AUTHOR				
Holtzman,W.H.				
TITLE				
Divergent thinking as a function of the degree of bilingualism of Mexican-American and Anglo fourth-grade students				
JOURN_BOOK				
Doctoral dissertation, University of Texas at Austin Dissertation Abstracts				
VOLUME	SECTION	PAGES	CODES	INT_CODE
41A	4	1490	EDUC RACE CORR SPM NOAM KIDS	E
ABSTRACT				
An investigation with Mexican-American and Anglo boys in Texas of the relationship between divergent thinking and bilingualism. Ss were all in fourth grade, with an average age of 10 yrs 5 mths , and low SES. SPM was used as a covariate to control for possible differences in IQ level. Significant SPM differences were found across language groups. Relationships between SPM, father's occupational level and Torrance Test measures of divergent thinking were low (ranging from -.29 to .37).				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Jarman,R.F.				
TITLE				
Cognitive processes and syntactical structure: Analyses of paradigmatic and syntagmatic associations.				
JOURN_BOOK				
Psychological Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
41	-	153-167	EDUC KIDS FACT VALD CORR SPM NOAM	E.
ABSTRACT				
Research in two separate traditions in the study of language functions, one developmental, the other related to aphasia, suggests that paradigmatic and syntagmatic processes form an important distinction in the understanding of language, learning and conceptual development. Two explanatory studies, with 7 and 9 year olds were conducted investigating simultaneous and successive processing. Results were factor analysed, with SPM loading .784 and .686 on the simultaneous processing factor.				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Krukoff,S. and Krukoff,D.				
TITLE				
Premier Resultats Obtenus en France sur des Ecoliers Ruraux de l'enseignement secondaire et Depistage de l'inadaption scolaire par l'application du test "Progressive Matrices - PM38" (SPM).				
JOURN_BOOK				
Revue de Psychometrie et de Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	-	99-107	ANTHROP EDUC KIDS NORM VALD SPM EURO	A.E.
ABSTRACT				
Contains norms for pupils aged 11-16 attending secondary schools, based on 410 rural children. Carried out in the context of an anthropological study of rural-urban migration, the article contends that the SPM has the ability to predict the likelihood of termination of orientation toward further education among 16 year olds.				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Krukoff,S. and Krukoff,D.				
TITLE				
Premiers resultats obtenus en France sur des ecoliers ruraux de l'enseignement primaire et depistage de l'inadaption scolaire par l'application due test "Progressive Matrices - PM38 (SPM) (1).				
JOURN_BOOK				
Revue de Psychometrie et de Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	-	63-70	ANTHROP EDUC NORM KIDS TIME SPM EURO	A.E.
ABSTRACT				
The data were collected in the course of an anthropological study of rural-urban migration. Norms for the SPM for 8-11 yr. olds are published, and it is contended that there are no previous rural norms. The test was administered with a 20 minute time limit. 12 yr. olds in primary schools have scores below 10 yr. olds, having been kept back. N=308.				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Luther,K.E.				
TITLE				
Hearing as an age-related variable in language acquisition				
JOURN_BOOK				
Doctoral dissertation : University of Southern California Dissertation Abstracts				
VOLUME	SECTION	PAGES	CODES	INT_CODE
41A	2	572	CLIN EDUC PHYS STUD CORR SPM NOAM	C.E.
ABSTRACT				
Compared the performance of 46 profoundly deaf college students, some of whom were congenitally deaf and others with acquired deafness, on language facility and cognitive ability, using the Michigan Test of English and SPM. The groups differed significantly on language ability but not on SPM.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1980		
<i>AUTHOR</i>				
MACKENZIE,A.J.				
<i>TITLE</i>				
The effect of training in categorization on free recall: Some implications for Jensen's two-level theory.				
<i>JOURN_BOOK</i>				
Intelligence				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
4	4	333-348	CRIT THEO SPM SCLS KIDS FLUI CRY5 PPVT AUST	
<i>ABSTRACT</i>				
Attempted to clarify an issue relating to A.R.Jensen's 2-level theory of ability, namely whether training in categorization would eliminate the reported association between free recall of categorized lists and socioeconomic status (SES). 132 5th grade children were administered a battery of tests including the SPM and Peabody Picture Vocabulary Test (PPVT). Subjects were divided into three groups according to R.B. Cattell's theory of fluid and crystallized intelligence. Results did not support Jensen's hypothesis				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Maqsud,M.				
TITLE				
Extraversion, neuroticism, intelligence and academic achievement in Northern Nigeria.				
JOURN_BOOK				
British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
50	-	71-73	EDUC KIDS PERS VALD SPM AFRICA	E.
ABSTRACT				
Testing a hypothesis regarding a positive association between extraversion and academic achievement, 160 primary boys (mean age 13.2) from Nigerian schools completed the JEPI and SPM. A significant negative relationship between extraversion and achievement scores was found, while SPM and academic attainment were positively related, with SPM providing the most significant proportion of variance.				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Maqsud,M.				
TITLE				
Personality and academic attainment of primary school children.				
JOURN_BOOK				
Psychological Reports				
VOLUME	SECTION	PAGES	CODES	INT_CODE
46	-	1271-1275	ANTHROP EDUC CORR PERS KIDS SPM AFRICA	A.E.
ABSTRACT				
A study from Nigeria examining relationships between extraversion (E.P.I.), mental ability (SPM) and academic attainment in 60 primary school children from a modern primary school and 60 from a traditional school. A significant correlation of .38 to .52 between extraversion and academic attainment was found in the modern school, but -.39 and -.51 in the traditional school. Correlations of .49 to .65 between academic attainment and SPM were found in the modern school, and from .19 to .38 in the traditional school.				

MATRICES YEAR				
SPM		1980		
AUTHOR				
Mehlhorn,H.G.				
TITLE				
Aspekte der geistigen entwicklung jugendlicher.				
JOURN_BOOK				
In Friedrich,W. & Muller,H. (Eds.). Zur psychologie der 12 bis 22 jahrigen. East Berlin: VEB Deutscher Verlag der Wissenschaften.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC KIDS AGES RELI CORR VALD SPM EURO	E.
ABSTRACT				
This article reports a longitudinal study of mental and educat- ional development in about 1,000 German schoolchildren. The pupils were first tested in the 6th school year. Mean scores and standard deviations on the SPM are reported for each school year and for when the children were 20-21 years old. Re-test correlations on the SPM are reported over this period. The 11 yr. test-retest correlation was .46. The four year (16-20) test-retest correlation was .61. Intermediate values are reported for the intervening years. Validity correlations for the SPM against educational performance in German, Mathematics, Russian, History, and Biology range from .46 (Russian) to .61 (Mathematics). correlations				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Rimon,D.				
TITLE				
Children's Assessment of their Self-control: Development of a Scale				
JOURN_BOOK				
M.A. Thesis, Tel-Aviv University.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC KIDS CORR PERS SPM ASIA ISRAEL	E.
ABSTRACT				
A self-report scale of self-control in children was developed through group administration to 144 5-7 grade children. This measure was examined in relation to locus of control scores, cognitive style and intellectual performance (SPM). No correlation was found between locus of control and SPM.				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Roether,D.				
TITLE				
Untersuchungen zur Lernfähigkeit bei Patienten mit hirnatrophischen Prozessen				
JOURN_BOOK				
Studia Psychologica				
VOLUME	SECTION	PAGES	CODES	INT_CODE
22	-	153-161	CLIN BRDM SPM EURO	C.
ABSTRACT				
[Investigation of learning abilities in patients with atrophic processes of the brain]. Learning was studied in 100 patients with pneumo-encephalitis, using a modified SPM administered on two occasions, and other tests. It was found that cortical atrophy appears often in combination with subcortical atrophy. Patients showed low initial levels and negligible improvement on retest. - [Text in German: Summaries in English, Polish and Russian]				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Smith,G. & Stanley,G.				
TITLE				
Relationships between measures of intelligence and choice reaction time.				
JOURN_BOOK				
Bulletin of the Psychonomic Society				
VOLUME	SECTION	PAGES	CODES	INT_CODE
16	-	8-10	MISC CORR VALD KIDS SPM AUST	-
ABSTRACT				
An experiment using choice reaction time was concerned with the relationship between rate of reduction of uncertainty (RRU) and verbal intelligence (ML). With 45 girls a correlation of .20 was found. A supplementary study using SPM produced a correlation of .40 and lent support to the view that a common (spatial) factor other than general intelligence contributes to the correlation between SPM and reaction time.				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Stein,Z.A., & Susser, M.W.				
TITLE				
Prenatal nutrition and mental competence.				
JOURN_BOOK				
Chap. 3 in Lloyd-Still, J.D. (Ed). Malnutrition and Intellectual Development.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	GENET PHYS SPM EURO	-
ABSTRACT				
In a survey of studies relating early malnutrition to later levels of functioning. The authors refer to their own work on intellectual development in Holland, following the Dutch famine of 1944/45. No variation in SPM scores in association with prenatal exposure to famine was detected. (See also a fuller presentation in Stein, Susser, Saenger and Marolla, Science, 1973, and their book Famine and Human Development: The Dutch Hunger Winter of 1944/45: New York: Oxford U. P. 1975).				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Weddel,R., Oddy,M. & Jenkins,D.				
TITLE				
Social adjustment after rehabilitation: A two year follow-up of patients with severe head injury.				
JOURN_BOOK				
Psychological Medicine				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10	-	257-263	CLIN NUSY BRDM SPM UK	C.
ABSTRACT				
44 young adults, having suffered severe head injury were followed up after 2 years post-accident to assess changes in work, leisure activities, contact with friends and family life. SPM was used as an indicator of gross intellectual impairment. The 16 patients back in full-time employment had significantly higher SPM scores than the 28 not in employment.				

MATRICES		YEAR		
SPM		1980		
AUTHOR				
Zagar,R., Arbit,J. & Friedland,J.				
TITLE				
Structure of a psychodiagnostic test battery for children.				
JOURN_BOOK				
Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
36	-	313-318	CRIT VALD FACT CORR ITPA WISC IQTS SBIT KIDS SPM N - OAM	
ABSTRACT				
A battery of tests including SPM and WISC-R, was given to 213 children, mean age 11.2. Results were subjected to principal component analysis and hierarchical cluster analysis. With both methods, the first factor was identified as general intelligence, with SPM loading .748 and .808 respectively.				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Ashton,G.C., Polvina,J.J. & Vanderberg,S.G.				
TITLE				
Segregation analysis of family data for 15 tests of cognitive ability.				
JOURN_BOOK				
Behaviour Genetics				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	-	329-347	GENET TIME FACT SPM EURO ASIA	-
ABSTRACT				
Segregation analysis of 15 tests of cognitive ability administer- ed to 894 families of European ancestry and 366 families of Japanese ancestry who gave evidence for a major gene contribution to performance on three tests of spatial ability. In both ethnic groups SPM was administered as a 30 item test (omitting some easy problems) and a 20 minute time-limit. Results indicated that SPM performance was due in part to an autosomal dominant gene accoun- ting for 37% of the variance.				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Bereiter,C. & Scardamalia,M.				
TITLE				
Pascual-Leone's M construct as a link between cognitive- developmental and psychometric concepts of intelligence.				
JOURN_BOOK				
Intelligence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	-	41-63	EDUC ITEM THEO SPM NOAM	E.
ABSTRACT				
A study exploring relations between Pascual-Leone's developmental construct,M,(the span demand of conceptual tasks) and performance on SPM, items of which were analysed for M demand. Sets A, B, C and D were given to 70 second grade and 69 third grade subjects on two occasions a day apart, and results related to performance on the Figural Intersection Test (FIT), a group test of M capacity. Found that raw SPM score can be deduced rationally from knowledge of FIT score and that SPM can be scored rationally to yield absolute estimates of M capacity.				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Borzym,I.				
TITLE				
Styl Kierowania Procesem Dydaktyczno-Wychowawczym a Osiagniecia Szkolne Uczniow [Guidance style in the teaching process and school achievement].				
JOURN_BOOK				
Psychologia Wychowawcza				
VOLUME	SECTION	PAGES	CODES	INT_CODE
22	2	240-247	EDUC WAIS STUD SPM EURO ANTHROP	A.E.
ABSTRACT				
High school students (3rd and 4th year) were grouped according to IQ (SPM or WAIS) and taught by democratic or autocratic methods. Results showed the most able subjects achieved best in a democra- tic setting while the least able achieved best in the autocratic setting. Average students benefitted from a mixed teaching style. [Text in Polish : Summaries in Russian and English] [Guidance style in the teaching process and school achievement]				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1979		
<i>AUTHOR</i>				
Cole,R.E. et.al.				
<i>TITLE</i>				
A family study of memory processes and their relations to cognit- ive test scores.				
<i>JOURN_BOOK</i>				
Intelligence				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
3	-	127-138	GENET RELI CORR FACT WAIS IQTS SPM NOAM	-
<i>ABSTRACT</i>				
Members of 118 families (456 individuals) previously tested on several cognitive measures were retested after at least 9 months to determine test-retest ability. They were then given further tests, including WAIS, the results of which were factor-analysed. A modified 20-minute presentation of SPM obtained a reliability on retest of 0.86.				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Conrad,R.				
TITLE				
The Deaf Schoolchild : Language and cognitive function.				
JOURN_BOOK				
Harper and Row				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC CLIN CORR PHYS KIDS MFSX VERB SPM UK	E.
ABSTRACT				
Chapter 2 provides a demographic snapshot of deaf school- leavers of England and Wales. The question of intelligence in the deaf is explored using SPM. 464 students were tested in- dividually or in small groups. Concluded that profoundly deaf children are no less intelligent than those who are partially hearing, and we can safely regard the two variables as independent. No sex differences were found. Children with a serious handicap in addition to deafness did perform less well on SPM than those handicap-free. No differences were found between right-handers and left-handers. The use of internal speech was important. children who use internal speech are likely to be less deaf and more				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Defries,J.C.et al.				
TITLE				
Familial resemblance for specific cognitive abilities.				
JOURN_BOOK				
Behaviour Genetics				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	-	23-43	GENET RACE VALD CORR MFSX SPM NOAM	A.
ABSTRACT				
Measures of familial resemblance are presented for groups of Americans of European and of Japanese ancestry in the Hawaii Family Study of Cognition. A 30 item, 20 minute version of SPM was included. Results of hierarchical multiple regression analyses provide no evidence for spatial ability being influenced by a sex-linked, recessive gene.				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Guttman,R. & Shoham,I.				
TITLE				
Intra-familial invariance and parent-offspring resemblance in spatial abilities.				
JOURN_BOOK				
Behavior Genetics				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	-	367-378	GENET FACT SPM ISRAEL ASIA	G.
ABSTRACT				
Members of 261 families in Jerusalem completed eight spatial tests, including SPM (15 items, 10 minutes), designed to identify three major facets of content. Intercorrelation of scores for fathers, mothers and children were found to be the same. SPM was one of the contributors to the measure of rule inference. Patterns of correlation showed no evidence of X linkage.				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Jenkinson,J.				
TITLE				
Standard Progressive Matrices;Norms for apprenticeship applicants				
JOURN_BOOK				
Available on request to Psychological services, ACER,Melbourne				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	VOC SLCT NORM SPM AUST	V.N.
ABSTRACT				
These norms supplement those presented in the SPM manual. Based on the test scores of 2605 applicants for entry to the following trades with the Victorian Railways: electrical mechanic, fitter and turner, telephone technician,- painter/car painter, carpenter and joiner, car and wagon builder, boilermaker, electrical fitter, tin smith and sheet metal worker, upholsterer, electroplater, blacksmith, moulder, patternmaker, copper smith, linesman and motor mechanic.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1979		
<i>AUTHOR</i>				
Jensen,A.R. & Munro,E.				
<i>TITLE</i>				
Reaction time, movement time and intelligence.				
<i>JOURN_BOOK</i>				
Intelligence				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
3	-	121-126	OTHER RELI CORR SPM NOAM JENS SIME	-
<i>ABSTRACT</i>				
Reaction time (RT) and movement time (MT) to five stimulus displays differing in amount of information transmitted (0 to 3 bits) were measured and related to SPM performance with 39 9th grade girls. Internal consistency of SPM was 0.9. RT and MT showed reliable individual differences significantly correlated with SPM				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Kratzmeier,M. & Horn,R.				
TITLE				
Manual: Raven-Matrizen-Test. SPM.				
JOURN_BOOK				
Weinheim: Beltz test				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CRIT NORM SPM	-
ABSTRACT				
The Manual for German-speaking users.		[Text in German]		

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Long,F.Y.				
TITLE				
A study of the Raven Progressive Matrices and Eysenck Personality Inventory in Singapore.				
JOURN_BOOK				
Journal of Sociology and Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2		36-42	ANTHROP VOC PERS NORM AGES MFSX CORR RACE ASI A 00	V A
ABSTRACT				
SPM and EPI were administered to vocational and ethnic groups in Singapore, 1177 completing SPM, with a view to preparing local vocational norms. Scores were positively correlated to occupational groups of higher educational levels. Males performed better than females due to an over-representation of educated males in the sample. A significant downward trend with age was noted.				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Mackenzie,A.				
TITLE				
Are ability tests up to standard?				
JOURN_BOOK				
Paper Presented at the APS Conference, Hobart				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CRIT SPM AUST	-
ABSTRACT				
Reviews some of the difficulties encountered by users of tests in Australia, arising from inadequacies with respect to information in manuals. The ACER manuals for SPM and other tests cited as limited and obsolete. Reasons for these limitations are discussed				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Marjoribanks,K.				
TITLE				
Families and their Learning Environments.				
JOURN_BOOK				
London, Routledge and Kegan Paul				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC ANTHROP KIDS CORR SCLS SPM AUST	E.A.
ABSTRACT				
In this study SPM was used in a study of the school and home determinants of school success. N 900, Australians, 11-yr olds.				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Marjoribanks,K.				
TITLE				
Ethclass, the achievement syndrome, and children's cognitive performance.				
JOURN_BOOK				
Journal of Educational Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
72	6	327-333	EDUC SCLS RACE KIDS SPM AUST	E.
ABSTRACT				
Examined relationships between ethnicity, social class (ethclass) the achievement syndrome and cognitive ability of 850 11 yr. old Australian children drawn from 6 ethclass groups. SPM was used for cognitive ability, with ACER achievement tasks. Sex differen- ces were noted. Results support the proposition that if children from different cultural groups are found to be characterised by distinct patterns of cognitive scores, then the groups are characterised by distinct patterns of family learning environments.				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Marjoribanks,K.				
TITLE				
Ethnic Families and Children's Achievements.				
JOURN_BOOK				
Sydney: George Allen and Unwin				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP EDUC MFSX CORR SCLS RACE SPM AUST	A.E.
ABSTRACT				
A book devoted to the academic achievements of 11 yr old children from a variety of ethnic and social class backgrounds in Austral- ia- 140 Anglo-Australian middle class families, and lower SES families- and Yugoslavian, (50). Intelligence was assessed using SPM. Results were intercorrelated separately for boys and girls, and no significant differences between sexes for SPM were found.				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Miao,E. and Che-Chun,H.				
TITLE				
Mental health status, personality characteristics and intelligence of college freshmen.				
JOURN_BOOK				
Journal of the Chinese Measurement and Testing Society				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	-	22	EDUC ANTHROP PERS MFSX STUD SPM ASIA	E.A.
ABSTRACT				
Mental health (Zung scales) and personality (Guildford Personal- ity Inventory) were administered with SPM to 484 freshmen in the College of Chinese Culture, from various departments. Engineering, industry and agriculture student's mean SPM scores exceeded those from physical education and dramatics. There were no sex differences.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1979		
<i>AUTHOR</i>				
Mohan,V.				
<i>TITLE</i>				
Scores on EPPS and their relation with Standard Progressive Matrices.				
<i>JOURN_BOOK</i>				
Indian Psychological Review				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
17	-	6-8	ANTHROP CORR MFSX PERS STUD AGES SPM ASIA	A.
<i>ABSTRACT</i>				
Two samples of 100 each - male and female - in age groups 15-20 and 20-25 were given the EPPS and SPM. No clear relationships emerged between the 15 EPPS variables and SPM scores, though achievement and dominance were positively related to SPM in the younger group. The same group showed a significant sex difference on SPM favouring males (47.4 and 42.3, P<.01).				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Mohan,V.				
TITLE				
The relation of neuroticism and extraversion to intelligence and educational attainment at different age levels.				
JOURN_BOOK				
Doctoral dissertation: Punjab University Indian Dissertation Abstracts				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	-	218	ANTHROP CLIN PERS AGES SPM ASIA	A.C.
ABSTRACT				

MATRICES YEAR				
SPM		1979		
AUTHOR				
Mohan,V. & Dalip,K.				
TITLE				
Performance of neurotics and stables on the Standard Progressive Matrices.				
JOURN_BOOK				
Intelligence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	4	355-368	CLIN NEUR SPM ANTHROP ASIA	C.A.
ABSTRACT				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Mohan,V. & Kumar,D.				
TITLE				
Performance of neurotics and stables on the Standard Progressive Matrices.				
JOURN_BOOK				
Intelligence				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	-	355-367	ANTHROP MFSX PERS STUD SPM ASIA CLIN	A.
ABSTRACT				
It was predicted that as item difficulty on SPM increased high neuroticism subjects would perform progressively worse and low N subjects better. The study reports testing 400 subjects, aged 19-25 years, equally divided as stable or neurotic, and male or female. Neurotics performed better on Set A, but with increasing difficulty, stables performed better. No sex differences were found in either group.				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Onat,T., Koptagel-Ilal,G., Enbiyaoglu,M., & Uctum,N.				
TITLE				
The relationship between somatic growth and psychological develop ment in Turkish adolescents.				
JOURN_BOOK				
Psychotherapy and Psychosomatics				
VOLUME	SECTION	PAGES	CODES	INT_CODE
32	-	313-321	CLIN SPM PERS ANTHROP PHYS EURO	C.A.
ABSTRACT				
The relationship between somatic and psychological development, including intellectual capacity, measured by SPM, introversion- extraversion,neuroticism annd anxiety was investigated with the aid of 148 Turkish adolescents and preadolescents. No relation- ship was found between the rate of somatic growth and psychol- ogical development. The level of parental cultural environment influenced intellectual capacity to the disadvantage of those from lower levels.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1979		
<i>AUTHOR</i>				
Penk,W., Robinowitz, R., Kidd, R. & Nisle, A.				
<i>TITLE</i>				
Perceived family environments among ethnic groups of compulsive heroin users.				
<i>JOURN_BOOK</i>				
Addictive Behaviors				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
4	-	297-309	CLIN DRUG PERS SPM NOAM	-
<i>ABSTRACT</i>				
A study designed to search for similarities in personality among subgroups of heroin addicts. The MMPI and Family Environment Scales (FES) were given together with SPM. Results on the personality measures are reported.				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Penney,G. and Lazzerini,A.J.				
TITLE				
JOURN_BOOK				
Data Processing Staff Selection - A validation study. Manchester: NCC Publications.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			VOC SLCT IQTS CORR FACT VALD EDUC TIME	E.V.
ABSTRACT				
A sample of 1639 school leavers was tested with several psychometric instruments, including AH2 and SPM as part of a selection procedure for computer programming training. SPM was used in a timed format. Results were factor analysed, and scores were correlated with subsequent outcomes. SPM correlated .53 and .60 with AH2 subtests, and loaded .788 on a factor identified as 'g'. SPM discriminated well in relation to type of job obtained.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1979		
<i>AUTHOR</i>				
Peterson,P.L. and Janicki, T.C.				
<i>TITLE</i>				
Individual characteristics and children's learning in large-group and small-group approaches.				
<i>JOURN_BOOK</i>				
Journal of Educational Psychology				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
71	-	677-687	EDUC VALD FACT KIDS CORR SPM NOAM	E
<i>ABSTRACT</i>				
This study investigated aptitude-treatment interactions in 4, 5, and 6 grade students, with large-group and small-group teaching approaches. SPM was used as an aptitude measure, which loaded .59 on a principal components analysis first factor. Performance on maths correlated positively with SPM (.52 and .48).				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Rajamohan,G. and Rajarathnam,V.D.				
TITLE				
Internal-external control as a determinant of academic competence				
JOURN_BOOK				
Indian Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	-	13-16	EDUC PERS STUD SPM ANTHROP ASIA	E.A.
ABSTRACT				
A study of the relationship between locus of control and academic motivation, using 118 female students from a Madras college. Subjects were matched for age, SES, mother tongue, sex and intellectual level, the last using SPM.				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Rao,G. & Sen,A.				
TITLE				
Some psychosocial aspects of juvenile delinquency.				
JOURN_BOOK				
Indian Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	-	51-61	ANTHROP CLIN KIDS CRIM SPM ASIA RELI	A.C.
ABSTRACT				
Ten delinquent boys were selected from a remand home in Delhi and examined using the Rorschach, TAT, Bhatia's battery (for concrete and abstract intelligence) and SPM. Intellectually, 70% of the sample fell within the IQ range 80-110, the others scoring higher				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Rath,R. & Patnaik,N.				
TITLE				
Effect of training on some cognitive abilities.				
JOURN_BOOK				
Journal of Psychological Researches				
VOLUME	SECTION	PAGES	CODES	INT_CODE
25	2	81-92	ANTHROP EDUC PGET WISC KIDS SPM ASIA	A.E.
ABSTRACT				
45 advantaged and 45 disadvantaged primary children were subdiv- ided into three groups- one given incentives in Piagetian conser- vation principles, one given training and incentive and one cont- rol group. Performance on SPM and Wechsler type verbal reasoning tasks was assessed. Groups improved especially with training plus incentive, with the disadvantaged benefitting most.				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Riaz,M.				
TITLE				
A study of intelligence-creativity distinction and their relation ship with academic achievement.				
JOURN_BOOK				
Pakistan Psychological Studies.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	-	58-70	EDUC VALD CORR KIDS SPM ASIA	E.
ABSTRACT				
147 8th graders completed SPM and Wallach-Kogan Tests of Creativity. Creativity and SPM scores were independent of each other but added significantly to prediction of achievement beyond SPM scores alone.				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Rich,Y. & Rothchild,G.				
TITLE				
Personality differences between well and poorly behaved adolescents in school.				
JOURN_BOOK				
Psychological Reports				
VOLUME	SECTION	PAGES	CODES	INT_CODE
44	-	1143-1148	EDUC CLIN PERS CRIM SPM NOAM	E.C.
ABSTRACT				
Chronically misbehaving adolescents (18 girls, 42 boys) in a special Israeli educational setting were compared with their well behaved schoolmates (54 girls, 58 boys). Social and personality measures, as well as SPM were administered. Self-concept and family relations measures differentiated the groups, but there was no difference on SPM.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1979		
<i>AUTHOR</i>				
Simon,A. & Ward,L.O.				
<i>TITLE</i>				
Some variables influencing judgements of the size of angles.				
<i>JOURN_BOOK</i>				
Contemporary Educational Psychology				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
4	-	11-14	EDUC CORR VALD KIDS SPM UK	E.
<i>ABSTRACT</i>				
Eighty subjects (ages 11-14) were tested on 8 cards on which were printed angles between 0 and 180 degrees, together with Schonell R4 Reading Test and SPM. Significant differences on performance were found in relation to age and ability variables. Correlations between SPM and R4 ranged from .42-.48 for remedial readers, and .58-.63 for normals.				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Singh,S.				
TITLE				
Personal characteristics differentiating fast processing from slow processing farmers.				
JOURN_BOOK				
Indian Psychological Review				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	-	9-19	VOC CORR PERS VALD SPM ANTHROP ASIA	V.A.
ABSTRACT				
A study designed to assess motives and personality characterist- ics of farmers designated as fast or slow progressing on their farms in India (FP &SP). A range of personality measures was used, together with SPM on 400 farmers. All the analyses found n-Ach and SPM promoted farm behaviour while anxiety and religious interest were associated with SP.				

MATRICES YEAR				
SPM	1979			
AUTHOR				
Stout, J.L.				
TITLE				
The prediction of Stanford Achievement Test scores from Lorge- Thorndike and Progressive Matrices among Anglo and Chicano pupils differing in language background.				
JOURN_BOOK				
Doctoral Dissertation: University of California, Berkeley. Dissertation Abstracts				
VOLUME	SECTION	PAGES	CODES	INT_CODE
A	40	174	EDUC IQTS RACE NOAM SPM CORR VALD KIDS	E
ABSTRACT				

MATRICES		YEAR		
SPM		1979		
AUTHOR				
Waterfall,R.C.				
TITLE				
Automating standard intelligence tests.				
JOURN_BOOK				
The Journal of Audiovisual Media in Medicine				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	-	21-24	OTHER SPM UK AUTO	-
ABSTRACT				
Describes a testing unit, based on a slide-projector, for the automatic administration of multiple choice tests. Accompanying logic in the control unit scores tests and displays the results. Use of the unit is exemplified with SPM as an ideally suited test for this type of presentation. Recommendations for improvements to the system are included.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1979		
<i>AUTHOR</i>				
Watts,W.J.				
<i>TITLE</i>				
The influence of language on the development of quantitative, spatial and social thinking in deaf children.				
<i>JOURN_BOOK</i>				
American Annals of the Deaf - -				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
124	-	46-56	EDUC CLIN DEAF PHYS VERB KIDS IQTS SPM NOAM	E.C.
<i>ABSTRACT</i>				
A study of deaf children investigating quantitative spatial and social thinking, to determine the relationship between cognitive and verbal abilities in the deaf. A stratified sample was used to derive three groups of 10-16 yr. olds matched for intelligence, based on SPM and the Snijders-Oomen Non-Verbal Intelligence Test. There were 70 children in each group of deaf, partially hearing and hearing children.				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Andrews,G., Kiloh,C.G. & Kehoe,L.				
TITLE				
Asthenic personality, myth or reality.				
JOURN_BOOK				
Australian and New Zealand Journal of Psychiatry				
VOLUME	SECTION	PAGES	CODES	INT_CODE
12	-	95-98	CLIN PERS PSAT SPM AUST	C.
ABSTRACT				
The personality types of 175 neurotics were assessed using EPI, 16PF and SPM, and 47% were found to be characterised as asthenic personality disorder. Personality traits are reported, but there is no discussion of SPM findings.				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Bertumen,D.C.				
TITLE				
An investigation of the applicability of the Raven Learning Potential Assessment procedure to first and second grade Filipi- no children and its relationships to other non-verbal measures.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
38	12a	7266-7267	EDUC ANTHROP KIDS CORR AGES SPM ASIA	E.A.
ABSTRACT				
Investigated the Raven learning potential procedure with 40 first and second grade Filipinos. SPM, Torrance Tests and Matching Familiar Figures Test were given, training did not improve SPM scores. Second graders did no better than first graders. Teacher ratings did not correlate with SPM score.				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Braun,N.J. & Knoche,M.				
TITLE				
Prediction of job performance using psychological appraisal test- ing: A validity study.				
JOURN_BOOK				
Australian Psychologist				
VOLUME	SECTION	PAGES	CODES	INT_CODE
13	3	379-389	VOC VALD SPM AUST	V.
ABSTRACT				
Reports a study of the predictive validity of a range of person- el selection tests used with banking staff where predictive data were available but never used. Original information obtained included the Kuder Preference Scale, the Humm-Wadsworth Scale and SPM. Data obtained in 1968-70 was compared with job performance measures in 1973 and 1977. Results were generally in the direct- ion of supporting predictions made from the test data, though clinical predictive information was found to be superior to these actuarial data.				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Eaves,J.				
TITLE				
Reading disability and social adjustment in intelligent children.				
JOURN_BOOK				
Educational Studies				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	-	45-51	EDUC PERS KIDS SPM UK	E.
ABSTRACT				
Investigated whether there is a positive relationship between reading disability in intelligent children and poor social adjustment.The SPM,The Vernon Graded Reading Test,The Bristol Social Adjustment Guide and Cloze tests were administered to 31 14 year old boys of above average intelligence (IQ 105 or above) but whose reading level was at least 2 years below MA, and 31 boys with similar characteristics but who read at or less than 2 years below their MA.No correlation was found between reading ability and total adjustment score, but over reaction ie. hostility and unforthcomingness (withdrawal and depression) was found to be significantly related. There was a considerable degree of				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Firkowska,A., Ostrowska,A., Sokolowska,M., Stein,Z., Susser,M. & Wald,I.				
TITLE				
Cognitive development and social policy.				
JOURN_BOOK				
Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
200	-	1357-1362	ANTHROP GENET SCLS KIDS SPM EURO	A.
ABSTRACT				
The city of Warsaw was razed at the end of World War II and rebuilt under a socialist government whose policy was to allocate dwellings, schools and health facilities without regard to social class. Of the 14,238 children born in 1963 and living in Warsaw, 96% were given SPM, together with an arithmetic and a vocabulary test, in 1974. Analysis showed that the initial assumption of even distribution of family, school and district attributes was reasonable. Mental performance was unrelated either to school or district factors. It was strongly related to parental education and own education.				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Frank,H. & Wilcox,C.				
TITLE				
Development and preliminary cross-validation of a two-step procedure for firefighter selection.				
JOURN_BOOK				
Psychological Reports				
VOLUME	SECTION	PAGES	CODES	INT_CODE
43	-	27-36	VOC CORR VALD SLCT SPM NOAM	V.
ABSTRACT				
Derives an empirical fireman interest key for the Strong-Campbell Interest Inventory and, on two studies, found a shortened version of SPM provides high concurrent validity for trainee performance of applicants, especially those obtaining SPM score above the median.				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Hundal,P.S. & Singh,S.				
TITLE				
Some correlates of progressive farm behaviour.				
JOURN_BOOK				
Journal of Occupational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
51	-	327-332	ANTHROP VOC PERS SLCT SPM ASIA	A.V.
ABSTRACT				
A study of motives and characteristics of slow-progress and fast- progress farmers in relation to modern farming methods in India. Various personality and achievement measures were given, with SPM to measure intellect. Fast-progress farmers were significantly more intelligent, more achievement oriented, radical and tender- minded.				

MATRICES YEAR				
SPM		1978		
AUTHOR				
Jensen,A.R.				
TITLE				
G: Outmoded theory or unconquered frontier?				
JOURN_BOOK				
Proceedings, Annual Convention of the American Psychological Association, Toronto				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CRIT THEO SPM NOAM JENS	-
ABSTRACT				
Presents an extended theoretical consideration of the nature of 'g' and its correlates. Proposes a strategy for studying the generality of the concept and then describes studies relating a criterion measure of 'g' (SPM) with performances on reaction time tasks. Reports significant correlations between measures of decision time and movement time with SPM at all levels of intellectual ability. The intercept and slope and intraindividual variability of R.T. all decrease with age from childhood to maturity. The observed correlations are not merely due to a common test-taking speed factor, but interpreted as a function of the ubiquity of 'g' in tasks involving some degree of complexity in cognitive processing.				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Johnson,E.S.				
TITLE				
Validation of concept-learning strategies.				
JOURN_BOOK				
Journal of Experimental Psychology: General				
VOLUME	SECTION	PAGES	CODES	INT_CODE
107	-	237-265	EDUC STUD VALD SPM NOAM	E.
ABSTRACT				
A study of strategies applied to concept-learning in which a range of concept-learning problems, computer administered problem -solving tasks, the Concept Mastery Task and SPM were given to 130 subjects. Different strategy groups were identified as tact-icians, focusers, scanners and blunderers. Scanners differed from tacticians on SPM but focusers and tacticians did not differ. It was concluded that strategy classification provides useful pred-ictive power beyond what can be predicted by intelligence alone.				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Keating,D.P.				
TITLE				
A search for social intelligence.				
JOURN_BOOK				
Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
70	-	218-223	EDUC IQTS CORR FACT SLCT VALD SPM NOAM	E.
ABSTRACT				
Notes that efforts to highlight educationally neglected areas of abilities have often focused on the putative domain of social intelligence. In the present study, the empirical coherency of this domain was investigated in a group of 117 college students, since N.W. Dye and P.S. Very's (1968) and others findings would predict maximum differentiation of abilities in this age group. Three measures of academic intelligence- the Concept Mastery Test SPM, and Remote Associates Test- and 3 measures of social intelligence - the Defining Issues Test, Chapin Social Insight Test, and Social Maturity Index - were used. Major findings on the social domain show that (a) intradomain correlations were no				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
MacArthur,R.S.				
TITLE				
Ecology, culture and cognitive development:Canadian Native Youth.				
JOURN_BOOK				
In L.Driedger (Ed.),The Canadian ethnic mosaic: A quest for identity. Toronto: McClelland and Stewart				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10	-	-	ANTHROP EDUC KIDS RACE FACT VALD AGES IQTS SPM NOAM	A.E.
ABSTRACT				
For the findings in this chapter, see MacArthur in Schluderman (1978) and MacArthur (1973).				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Marjoribanks,K.				
TITLE				
Birth order, age spacing between siblings, and cognitive performance.				
JOURN_BOOK				
Psychological Reports				
VOLUME	SECTION	PAGES	CODES	INT_CODE
42	-	115-123	EDUC GENET AGES KIDS CORR MFSX SPM AUST	E.
ABSTRACT				
Regression surface analysis was used to examine the confluence model which proposes that the relations between birth order and intellectual ability are accounted for by the age spacing between adjacent siblings. The model was extended to investigate relationships between birth order, age spacing between older and younger adjacent siblings, and measures of intelligence, mathematics, word knowledge, word comprehension, the language environment of the family, and parent's expectations for 500 11 yr. old Australian children. The results provided support for the confluence model when relations between birth order, age spacing to younger adjacent siblings, and intelligence test scores				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1978		
<i>AUTHOR</i>				
Marjoribanks,K. and Walberg,H.J.				
<i>TITLE</i>				
Birth order, family size, social class and intelligence.				
<i>JOURN_BOOK</i>				
Social Biology				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
22	-	261-268	GENET SCLS CORR SPM EURO	-
<i>ABSTRACT</i>				
Reports a re-analysis of the Belmont and Marolla data (1973,q.v.) in which 400,000 Dutch 19 year old males were given SPM (slightly modified). Using complex multiple regression models, significant relationships emerged between SPM scores and social class. Significant linear and quadratic relationships were found among family size and birth order differed across three social class groups.				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
McGurk,B.J., Bolton,N. and Smith,M.				
TITLE				
Some psychological, educational and criminological variables related to recidivism in delinquent boys.				
JOURN_BOOK				
British Journal of Social and Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17	-	251-254	EDUC PERS VALD SPM UK	E.
ABSTRACT				
Describes psychological test data obtained from 315 detainees in a Durham detention centre, with comparative information on recidivists and non-recidivists. HDHQ, 16PF, PSI and SPM were administered with no significant difference between the two groups on SPM.				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
McManman,K.M. and Cohn,M.J.				
TITLE				
The performance of English speaking and Spanish speaking children on a measure of nonverbal intelligence.				
JOURN_BOOK				
Journal of Instructional Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	-	2-5	ANTHROP ITEM KIDS RACE SPM NOAM	A.
ABSTRACT				
Investigation of the suitability of SPM for 87 Mexican-Americans and 90 Anglo subjects from 3rd and 5th grade classes. The study enquired whether these Ss performance was comparable to original norms, and found it to be so. No significant differences between Mexican-Americans and Anglos. Item analysis found only one aberrant item, for 3rd grade only. Concluded SPM provides a better educational predictor for Mexican-Americans than a verbal measure of intelligence.				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Meuris,G.				
TITLE				
Contribution a l'etude psychometrique des relations entre le developpement mental et le developpement moteur.				
JOURN_BOOK				
Bulletin de Psychologie Scolaire et d'Orientation				
VOLUME	SECTION	PAGES	CODES	INT_CODE
27	4	191-196	EDUC VALD CORR KIDS SPM EURO	E.
ABSTRACT				
A study of 50 normal and 50 educationally handicapped 10 yr. olds was given SPM and Oseretsky test of Motility. The measures were significantly correlated (0.53 and 0.61). [Text in French: Summary in English]				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Narayanan,S. and Paramesh, C.R.				
TITLE				
Paramesh Remote Associations Test (PRAT) and its relation to con- vergent and divergent tests.				
JOURN_BOOK				
Indian Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
53	-	8-12	ANTHROP CORR VALD IQTS SPM ASIA	A
ABSTRACT				
The Paramesh Remote Associates Test (PRAT) was given to 400 Tamil Ss and performance compared with other tests of creativity (di- vergent thinking), with SPM and Cattells Culture Fair tests (con- vergent thinking). SPM correlated 0.07 with PRAT, and signific- antly (0.58) with the Cattell Test.				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Nobes,J.				
TITLE				
Some notes on the 'Cross-Cultural' use of Raven's Standard Progressive Matrices with a sample of Iranian trainee marine officers in a shipping country.				
JOURN_BOOK				
National Foundation for Educational Research, Test Information Sheet, TIS/28.05.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	VOC ANTHROP SLCT VALD NORM SPM ASIA	V
ABSTRACT				
After a discussion of the problems inherent in using tests out- side the cultural context in which they were developed, results are reported on the use of SPM in job selection for marine train- ee cadetships. A frequency distribution is given, together with a table of percentile norms for this population.				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Ogunlade,J.O.				
TITLE				
The predictive validity of the Raven Progressive Matrices with some Nigerian children.				
JOURN_BOOK				
Educational and Psychological Measurement				
VOLUME	SECTION	PAGES	CODES	INT_CODE
38	-	465-467	ANTHROP EDUC VALD CORR KIDS SPM AFRICA	A
ABSTRACT				
537 Nigerian 14 year olds were given the SPM and results were compared with performance on two achievement examinations. The two exams correlated together (.86). The combined performance showed a low correlation with SPM (.15). This low predictive validity may be because SPM measures a specific ability whereas achievement exams are multifactorial.				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Park,J., Johnson,R.C. Defries,J.C., McClearn,G.E., Mi,M.P., Rashad,M.N., Vandenberg,S.G. and Wilson,J.R.				
TITLE				
Parent offspring resemblance for specific cognitive abilities in Korea.				
JOURN_BOOK				
Behaviour Genetics				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	1	43-52	GENET CORR RELI IQTS RACE SPM ASIA	A.
ABSTRACT				
Regressions of offspring on midparent value for tests of specific cognitive abilities in Korea were considerably higher than those for Americans of Japanese ancestry or Americans of European ancestry in Hawaii. This greater parent-offspring resemblance in Korea may be due to the particular method of test administration or to an increased genetic variance resulting from assortative mating. The pattern of parent-child correlations for three relatively pure tests of spatial ability (inc. SPM) and for the spatial factor did not conform to that of a sex linked recessive character.				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Penk, W.E., Robinowitz, R., and Fudge, J.W.				
TITLE				
Differences in interpersonal orientation of heroin, amphetamine and barbiturate users.				
JOURN_BOOK				
British Journal of Addiction				
VOLUME	SECTION	PAGES	CODES	INT_CODE
73	1	82-88	CLIN DRUG SPM PERS NOAM	C.
ABSTRACT				
To test the clinical utility of D.C. McClelland's power- conflict notions in compulsive drug use and J.C. Teasdale's empirical findings that British heroin users characteristically evidence higher power orientations in interpersonal interaction than nonheroin drug users, T.F. Leary's (1957) measures of dominance and 8 interpersonal orientation types were compared among 142 White male American veterans (mean age 23.3 yrs) voluntarily seeking treatment for drug use problems. Ss were divided into 3 groups on the basis of most frequently used drug: 62 heroin users, 45 amphetamine users, and 34 barbiturate users. Ss completed the SPM and MMPI. Drug users scored significantly higher in				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Rabinowitz,S. and Van der Spuy,H.I.				
TITLE				
Selection criteria for dialysis and renal transplant.				
JOURN_BOOK				
American Journal of Psychiatry				
VOLUME	SECTION	PAGES	CODES	INT_CODE
135	-	861-863	CLIN PHYS IQTS SCLS SLCT SPM AFRICA	C.
ABSTRACT				
Investigated the criteria of selection for a renal program by contrasting 17 accepted and 11 nonaccepted patients. Subjects completed the Wechsler-Bellevue Intelligence Scale (WBIS: verbal sub-tests), SPM, and the Rorschach and were rated by social class and education. It was hypothesized that patients with whom the selection team could more readily identify were more likely to be selected. Selected patients had significantly higher scores on the WBIS and were significantly higher in both social class and education. Results support the hypothesis.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1978		
<i>AUTHOR</i>				
Shallice,T. & Evans,M.E.				
<i>TITLE</i>				
The involvement of the frontal lobes in cognitive estimation				
<i>JOURN_BOOK</i>				
Cortex				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
14		294-303	CLIN NUSY BRDM SPM	C
<i>ABSTRACT</i>				
Investigated whether cognitive estimation is impaired in patients with frontal lobe impairment, and whether such a deficit, if present, is distinct from intellectual impairment as measured on conventional tests. 96 patients were tested, together with 25 controls, and 79 of the patients completed Sets B and C of SPM. It is concluded that the observed "frontal deficit" cannot be attributed to a defect in reasoning assessed by SPM.				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Sokolowska, M., Firkowska-Mankiewicz, A., Ostrowska, A. & Czarkowski, M.P.				
TITLE				
Intellectual performance of children in the light of socio- cultural factors and Sociocultural determinants of the intellectual level of Warsaw children.				
JOURN_BOOK				
Research Report, Polish Academy of Sciences. Institute of Philosophy and Sociology. Later published in Studia Socjologiczne.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	67	186-198	ANTHROP EDUC KIDS SCLS MFSX WISC CORR SPM EUR	-
ABSTRACT				
Reports on the psychometric assessment of Warsaw children, relating results to demographic variables. SPM, a word knowledge test and arithmetic test were given. Split-half reliability coefficient of 0.93 on a 45-minute timed version and retest reliability of 0.83 (after 4 weeks) were reported, (N=215 and 283). Family variables contributed strongly to levels of performance. No significant sex differences emerged with SPM (N=13,695).				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Streff,M., Barefoot, S., Walter, G., & Crandall, K.				
TITLE				
A comparative study of hearing-impaired and normal hearing young adults.				
JOURN_BOOK				
Journal of Communication Disorders.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
11	-	489-498	CLIN PHYS DEAF SPM NOAM	-
ABSTRACT				
A study comparing 3 groups of hearing impaired young adults with a normal hearing group on learning and memory tasks, some verbal and some non-verbal tasks, including SPM. No difference between groups were found for SPM.				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Surrey Educational Research Association				
TITLE				
Analysis of Raven's Matrices Scores.				
JOURN_BOOK				
Surrey Educational Research Association. Preliminary Report (unpublished)				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC KIDS MFSX NORM SPM UK	E.
ABSTRACT				
A distribution of 11,621 scores for subjects aged 12 was compared with original norms. Results were sufficiently close to the original norms to make new ones unnecessary. Results for 2699 girls were compared, and no significant difference was found.				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Sutker,P.B., Allain, A.N., & Geyer, S.				
TITLE				
Female criminal violence and differential MMPI characteristics.				
JOURN_BOOK				
Journal of Consulting and Clinical Psychology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
46	5	1141-1143	CLIN PERS SPM NOAM	-
ABSTRACT				
Used a cross-validated approach to compare MMPI scale elevations and profile patterns produced by 22 female murderers and 40 female non-violent offenders in 2 geographic regions. Ss did not differ between groups in race distribution, age education age at or months served on current offense, total time incarcerated, or intellectual level. Ss also completed the Shipley-Institute of Living Scale for Measuring Intellectual Impairment and SPM. Murderers from both prison sources produced subdued group mean profiles, whereas non-violent offenders were characterized by elevations on Scale 4. Discriminant function classification was highly dependent on scores on Scales 4, 5, K and A.				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Sutker,P.B., Allain, A.N., Smith, C.J. & Cohen, G.H.				
TITLE				
Addict descriptions of therapeutic community, multimodality and methadone maintenance treatment clients and staff.				
JOURN_BOOK				
Journal of Consulting and Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
46	-	508-517	CLIN DRUG SPM NOAM	C.
ABSTRACT				
Attitudes of 88 drug addicts in treatment were assessed in relation to methadone maintenance, multimodal therapy and therapeutic community. All subjects were also given SPM. Significant differences between groups were found with highest SPM scores among therapeutic community residents.				

MATRICES		YEAR		
SPM		1978		
AUTHOR				
Vandenberg,S.G. & Price,R.A.				
TITLE				
Replication of the factor structure of the Comrey Personality Scales.				
JOURN_BOOK				
Psychological Reports				
VOLUME	SECTION	PAGES	CODES	INT_CODE
42	2	343-352	MISC PERS SCLS MFSX FACT CORR SPM NOAM	-
ABSTRACT				
Replicated the factor structure of the Comrey Personality Scales using a sample of 377 suburban residents. Correlations are reported between the Comrey scales and age, SES, sex,body type a short locus of control scale, and the Neuroticism and Extraversion scales from the Eysenck Personality Inventory. SPM correlated with Comrey measures of trust (0.15) stability (0.14) and masculinity (0.23) i.e. those scoring higher on masculinity also had higher SPM scores even with sex partialled out.				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Aiken,E.G., Duffy,R.M. & Nugent,W.A.				
TITLE				
Reading skill and performance in a sample of Navy Class A schools.				
JOURN_BOOK				
U.S. Navy Personnel Research and Development Center Technical Report				
VOLUME	SECTION	PAGES	CODES	INT_CODE
77	28	44	EDUC VALD SLCT SPM NOAM	E.
ABSTRACT				
Sought to define the relationship between reading skill, reading requirements, and success in a sample U.S. Navy Class "A"schools. A further objective was to provide a methodological demonstration of the procedures required to allow an inference about causality in these relationships. The Nelson-Denny Reading Test and an adaptation of SPM were administered to 1,325 students in 10 different schools. Reading skill was compared with a non-verbal measure of general ability and scores on the Navy's Basic Test Battery as predictors of school success and failure. Results show wide variation in the dependence of performance on reading skills among the schools, as well as the				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Bart,W.M. & Lele,K.				
TITLE				
Defusing the intelligence x race debate: comparison of intelligence test item hierarchies for two races.				
JOURN_BOOK				
Paper presented to the American Educational Research Association, New York.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP EDUC RACE ITEM KIDS SPM NOAM	A.E.
ABSTRACT				
180 sets of black twins and 223 sets of white twins responded to 4 subsets of SPM. All children were in elementary school. Their item response patterns were analysed to search for best- fitting hierarchies without any item intransitivities occurring. The item hierarchies were found to be quite similar for the two areas. However, some items were located as acting quite differently with respect to their placements in their respective item hierarchies.				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Bashi,J.				
TITLE				
Effects of inbreeding on cognitive performance.				
JOURN_BOOK				
Nature				
VOLUME	SECTION	PAGES	CODES	INT_CODE
266	-	440-442	GENET SPM ISRAEL ASIA	-
ABSTRACT				
Examined the effects of inbreeding on cognitive performance in an Arab population with a high rate of consanguineous marriage which minimized distortion due to nongenetic variables. Data were obtained from a representative sample of 3,203 10-12 yr. old children in the Arab educational system in Israel. Results show that offspring of unrelated parents performed better than offspring of first-cousin marriages in intelligence and achievement tests (a verbal general knowledge and comprehension test, a verbal test to find the "odd one out" a shortened version of SPM, a substitution test given under a strict time limit to measure associative learning, and 4 curriculum related achievement tests).				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Belmont,L.				
TITLE				
Birth order, intellectual competence and psychiatric status.				
JOURN_BOOK				
Journal of Individual Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
33	-	97-104	GENET PHYS SPM EURO	-.
ABSTRACT				
Comments on the relationships found between SPM, family status, height and psychiatric status, with 400,000 19 yr. old Dutchmen. A birth order effect on SPM was present even when family size and social class were controlled. For men of any given birth order, SPM on average was inversely related to family size. Members of smaller families were taller and had higher SPM scores.				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Bourassa,M.				
TITLE				
Effet de la marijuana sur le jugement et le raisonnement analogique.				
JOURN_BOOK				
International Review of Applied Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	1	21-29	SPM DRUG CLIN NOAM	C.
ABSTRACT				
In a controlled experiment, the functions of judgement and reasoning were analysed under the effects of marijuana and of a placebo. Subjects were 60 male volunteers, ages 21-30, who had previously experienced marijuana. SPM and Wechsler's Comprehension test were administered on three occasions under carefully standardised conditions. Marijuana had a highly significant effect on subjects judgement (P<.001) [Text in French : English summary]				

MATRICES YEAR				
SPM		1977		
AUTHOR				
Conrad,R.				
TITLE				
Lip-reading by deaf and hearing children.				
JOURN_BOOK				
British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
47	-	60-65	CLIN DEAF PHYS SPM UK	-
ABSTRACT				
A lip-reading test was given to two groups of 67 subjects, aged 15, one deaf, the other deafened by white noise. All subjects were given SPM to determine they were of average intellectual ability.				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Crawford-Nutt,D.H.				
TITLE				
The Symco test as a test of ability.				
JOURN_BOOK				
Psychologia Africana				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17	-	79-98	ANTHROP FACT IQTS RACE CORR VALD SPM AFRICA	A.
ABSTRACT				
Examined the Symmetry Completion (Symco) test, originally called the Pattern Completion test, as a measure of intellectual ability among Blacks in South Africa. The SYMCO test and 6 intellectual abilities tests, including SPM, were administered to 2 samples of 102 and 100 Black pupils in their final years of high school. Information about age, sex, and the examination results from 7 academic subjects studied by the pupils were also collected. Results show that (a) as expected, a separation occurred between school achievement and ability, and (b) the SYMCO test did not associate closely with the known ability tests.				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Crawford-Nutt,D.H.				
TITLE				
The effect of educational level on the test scores of people in South Africa.				
JOURN_BOOK				
Psychologia Africana				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17	1	49-59	ANTHROP SLCT CORR VALD RELI SPM AFRICA	A.-
ABSTRACT				
Investigated the facilitating effect of educational level on test scores obtained by Ss from a developing country, by administering the Symmetry Completion Test (Symco) to 1, 150 Black prospective mineworkers, contract laborers, high school and university students, and policemen. Results show that mean scores on the test increased with educational level, and that at low levels the test correlated to some extent (r=0.4) with scores on tests of general intellectual ability (e.g. the Form Series Test and SPM) but far less at high levels (r=0.2). The findings support others that increasing exposure to education results in increasing differentiation of intellectual structures. They also suggest that				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Ghuman,P.A.				
TITLE				
An exploratory study of Witkin's dimension in relation to social class, personality factors and Piagetian tests.				
JOURN_BOOK				
Social Behaviour & Personality				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	1	87-91	EDUC SCLS PGET PERS KIDS MFSX SPM ASIA	E.
ABSTRACT				
Explored the relationship between scores on Piagetian tests of conservation of weight, volume, and class inclusion, SPM and the Childrens Embedded Figures Test (CEFT) in 60 11-12 yr olds. The Childrens Personality Questionnaire (CPQ) was also administ- ered, and social class data were obtained. There were significant correlations between CEFT scores (field dependence-independence) and the cognitive variables, including factor B of the CPQ. However, no significant correlations were found between the pers- onality traits and CEFT scores. There was a significant differ- ence between the two social classes: middle class children perform- ed better than working class children, but no				

MATRICES YEAR				
SPM		1977		
AUTHOR				
Johnson,E.G., Hilton,S., MacDonald,I., Sheafte,P., Stark,J., Stone,L.V. & Waterer,B.				
TITLE				
The predictive validity of the Raven's Progressive Matrices Test with migrant children.				
JOURN_BOOK				
Australian Journal of Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
21	-	187-188	EDUC VALD SPM AUST	E.
ABSTRACT				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Kipper,D.A.				
TITLE				
The Kahn Test of Symbol Arrangement and criminality.				
JOURN_BOOK				
Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
33	-	777-781	CLIN KTSA CRIM SPM ASIA ISRAEL	C.
ABSTRACT				
Investigated the discriminative power of the KTSA using 33 criminal recidivists and 33 controls, equated for age, SES and performance on SPM.				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Knajbl,J.				
TITLE				
Some personality traits in adolescent boys and young men with suicidal behaviour.				
JOURN_BOOK				
Ceskoslovenska Psychiatrie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
73	-	90-95	CLIN PERS VALD SPM EURO	C.
ABSTRACT				
An analysis of personality traits, interpersonal relationships and social environment of adolescents with suicidal tendencies. Cattell's 16PF, Eysenck's MMQ-E, and SPM were included. A number of personality traits were identified as significant for the group, but SPM scores were not among the discriminators. [Text in Czech: Summaries in English and Russian]				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Knajbl,J.				
TITLE				
Some personality traits in adolescent boys and young men with suicidal behaviour.				
JOURN_BOOK				
Ceskoslovenska Psychiatrie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
73	-	90-95	CLIN PERS VALD SPM EURO	C.
ABSTRACT				
An analysis of personality traits, interpersonal relationships and social environment of adolescents with suicidal tendencies. Cattell's 16PF, Eysenck's MMQ-E, and SPM were included. A number of personality traits were identified as significant for the group, but SPM scores were not among the discriminators. [Text in Czech: Summaries in English and Russian]				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Kyle,J.G.				
TITLE				
Raven's Progressive Matrices - 30 years later.				
JOURN_BOOK				
Bulletin of the British Psychological Society				
VOLUME	SECTION	PAGES	CODES	INT_CODE
30	-	406-407	CRIT NORM KIDS SPM UK	-
ABSTRACT				
Reports data on the SPM obtained from 671 children aged 12.5-13.5 and 15-16.5 years, drawn from 3 comprehensive schools in England. By combining these results with some recent data reported by Woods (1976) scaled values were obtained throughout the age range 8-16. Comparison of results with original normative data indicates a fairly large improvement since standardisation and makes a case for restandardisation on a current population.				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Levi,M. et. al.				
TITLE				
The study of intellectual ability and scholastic achievement in institutionalised men drug addicts belonging to three different racial ethnic groups.				
JOURN_BOOK				
International Journal of Addictions				
VOLUME	SECTION	PAGES	CODES	INT_CODE
12	4	451-457	EDUC CLIN ANTHROP RACE DRUG SPM NOAM	E.C.A.
ABSTRACT				
Administered SPM and Comprehensive Test of Basic Skills tests to 364 institutionalised male drug addicts. In addition, information was collected on racial ethnic background (white, black, Mexican- American), school grade completed and years away from school of all the subjects. Means, SDs, F-analysis of variances and t-tests between ethnic racial groups were calculated.Results indicate that in spite of overlap, white subjects always received significantly higher mean scores than the other 2 groups. White and black subjects dropped out of school practically at the same grade level (between 10th and 11th), while Mexican-Americans dropped out of school earlier (at the 9th grade).				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Link,N.F., Scherer,S.E. & Byrne,P.N.				
TITLE				
Moral judgement and moral conduct in the psychopath.				
JOURN_BOOK				
Canadian Psychiatric Association Journal				
VOLUME	SECTION	PAGES	CODES	INT_CODE
22	-	341-346	CLIN PSAT PERS WAIS CORR SPM NOAM	C.
ABSTRACT				
Relationships between moral conduct and moral judgement were investigated by comparing 16 psychopaths and 16 other prisoners from a maximum security hospital, matched for age and on intelli- gence using SPM and WAIS. Psychopaths tended to respond more maturely on Kohlberg scale measures, and SPM scores were unrelat- ed to moral maturity levels.				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Lunneborg,C.E.				
TITLE				
Information-processing correlates of the Raven Progressive Matrices Tests.				
JOURN_BOOK				
Paper presented to the American Educational Research Association, New York				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CRIT EDUC WAIS CORR SPM NOAM	E.
ABSTRACT				
SPM was found to be uncorrelated with other measures of intellig- ence and performance was much less well predicted from several information-processing measures. SPM was not found to correlate with WAIS in this study.				

MATRICES YEAR				
SPM		1977		
AUTHOR				
Lynn,R.				
TITLE				
The intelligence of the Chinese and Malays in Singapore.				
JOURN_BOOK				
Mankind Quarterly				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	-	125-128	ANTHROP RACE KIDS SPM ASIA LYNN	A.
ABSTRACT				
Describes data collected by Phua (1976) on 147 Chinese boys and 190 Malay boys of mean ages 13.8 and 13.10 respectively. Found the Chinese subjects scored significantly higher than British norms and than the Malays. Discusses possible reasons for these differences.				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Malatesta,C.Z., Circo,J. and Smith,B.				
TITLE				
A discriminating, non-discriminatory test battery for a prison population.				
JOURN_BOOK				
Corrective and Social Psychiatry and Journal of Behaviour Technology Methods and Therapy				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23	2	15-17	CLIN VOC SLCT SPM NOAM	C.
ABSTRACT				
Stresses the need for an accurate assessment of the individual's aptitudes in planning remedial education and vocational programs. The majority of prison inmates come from educationally and economically disadvantaged backgrounds, and many are also black or Spanish-speaking. The following group administered psychomet- ric tests were selected for routine use with new admissions to the Massachusetts Correctional Institution: SPM, the Adult Basic Learning Exam, and the Minnesota Vocational Interest Inventory. Other tests were available for a more refined analysis of the individual's abilities. It was further recommended that a series of personal interviews be conducted with				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Milgram,R.M. and Milgram,N.A.				
TITLE				
The effect of test content and context on the anxiety- intelligence relationship.				
JOURN_BOOK				
Journal of Genetic Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
130	-	121-127	EDUC KIDS PERS CORR VALD SPM NOAM	E.
ABSTRACT				
The effect of test context on the anxiety-intelligence relation- ship was investigated by group administering on intelligence measure presumably free of anxiety provoking cues(humour compre- hension test), and several conventional intelligence and achieve- ment measures (The Milta test and SPM) to 177 boys and girls in grades 4-6 in Tel-Aviv. It was concluded trait anxiety is not a sufficient explanation of the anxiety-intelligence relationship. Correlations between SPM and other measures are reported,being significantly positive with achievement and humour measures, and negative(through less) with test anxiety and general anxiety.				

MATRICES YEAR				
SPM	1977			
AUTHOR				
Nowaczyk,C.				
TITLE				
[General mental effectiveness of gifted pupils].				
JOURN_BOOK				
Psychologia Wychowawcza				
VOLUME	SECTION	PAGES	CODES	INT_CODE
20	-	285-293	EDUC KIDS IQTS CORR SPM EURO	E.
ABSTRACT				
[Text in Polish]				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Ozunu,D.				
TITLE				
Factori psihici implicati in insusirea lacatuseriei [Psychological factors in the training of locksmiths]				
JOURN_BOOK				
Revista de Psihologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23	-	475-488	VOC FACT SPM EURO ANTHROP CORR VALD SLCT KIDS	V.
ABSTRACT				
Seeks to identify those factors in 12th grade children which will identify their vocational suitability as apprentices. SPM was included in the battery of selection tests. Factor analysis of the battery found SPM to load .8926 on the first factor. [Text in Romanian: Summary in English]				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Page,R.D. and Schaub, L.H.				
TITLE				
Intellectual functioning in alcoholics during six months' abstinence.				
JOURN_BOOK				
Journal of Studies on Alcohol				
VOLUME	SECTION	PAGES	CODES	INT_CODE
38	7	1240-1246	CLIN DRUG WAIS SPM NOAM	-
ABSTRACT				
To evaluate recovery of intellectual functioning in abstinent alcoholics, 51 male patients, (mean age, 47.7 yrs) in an alcoholism treatment unit were tested on the Shipley-Institute of Living Scale for Measuring Intellectual Impairment, the Trail Making Test, the WAIS, SPM, and the Tactile Performance Test. Ss were divided into 3 groups and were tested after 1, 3 or 25 wks of abstinence. All test differences were nonsignificant except on the Tactile Performance Test. These results suggest some support for recovery of functioning during the first 2 weeks of abstinence, but there was no evidence that recovery extended over the course of continued abstinence.				

MATRICES YEAR				
SPM		1977		
AUTHOR				
Platt,J.S.				
TITLE				
The Effect of the modified Raven's Progressive Matrices Learning Potential Coaching Procedure on Raven's Post-test Scores and their correlation value with variables of learning disabilities.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
38	2-A	731-732	EDUC AGES KIDS DFCT CORR SCLS SPM NOAM	-
ABSTRACT				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Rao,S.M.				
TITLE				
The scores of MPFB tests in relation to performance in engineers courses at different levels.				
JOURN_BOOK				
Journal of Psychological Researches				
VOLUME	SECTION	PAGES	CODES	INT_CODE
21	-	92-96	VOC SLCT STUD SPM ANTHROP ASIA	V.
ABSTRACT				
An investigation of the usefulness of MPFB test in selection for engineering courses. Reports results for several large samples together with means and S.D's for SPM given as part of the study.				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Sahu,S. & Mahanta,J.				
TITLE				
Socio-cultural factors, intelligence and mediational abilities.				
JOURN_BOOK				
Indian Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
52	-	164-168	EDUC ANTHROP SCLS AGES KIDS SPM ASIA	E.A.
ABSTRACT				
Administered SPM to 50 6th graders (21 advantaged and 29 deprived as defined by family income, caste level, and father's education) and to 50 2nd graders (26 advantaged and 24 deprived) together tests of primary and semantically mediated generalization. There was an absence of sociocultural variance on SPM, though grade variance was significant. Intergroup differences for primary generalization and SPM scores were significantly related for advantaged 6th graders, and semantic mediation and SPM scores were significantly related for all 6th graders. Generalizers scored higher on SPM than did non-generalizers.				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Sainsbury,P. & Wood,E.				
TITLE				
Measuring gesture: its cultural and clinical correlates.				
JOURN_BOOK				
Psychological Medicine				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	-	63-72	CLIN STUD SPM UK	C.
ABSTRACT				
A study of non-verbal communication in which gestures were measured by EMG electrodes generating an ultrasonic signal.Nine English and 9 French students spoke in each language. All were of high ability as measured by SPM, but when divided into high and low ability by a median split, the high ability groups both showed more gestures than the low ability groups.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1977		
<i>AUTHOR</i>				
Scarr,S., Pakstis, A.J., Katz, S.H. & Barker, W.B.				
<i>TITLE</i>				
Absence of a relationship between degree of White ancestry and intellectual skills within a Black population.				
<i>JOURN_BOOK</i>				
Human Genetics				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
39	-	69-86	ANTHROP SCLS CORR IQTS RACE SPM NOAM	A.
<i>ABSTRACT</i>				
Examined the possibility of racial differences in intellectual ability as proposed by Jensen. Pairs of Black twins (181) and White twins (224), aged 10-16, were tested using SPM, parts of PPVT, CTMM and Revised Figural Memory Test. Presentation was by groups, with test items on 35 mm slides and audio-taped instructions. No correlation was found between SPM and ancestry. A significant negative correlation (-.02) was found with SES.				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Silbert,A., Wolff, P.H. & Lilienthal, J.				
TITLE				
Spatial and temporal processing in patients with Turner's syndrome.				
JOURN_BOOK				
Behavior Genetics				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	-	11-21	CLIN WAIS WISC BRDM SPM NOAM	C.
ABSTRACT				
Thirteen female Turners syndrome cases were compared with 13 controls matched for age, IQ and SES and given a 5 hour battery of psychological tests. Turner's cases performed significantly poorly on tests of spatial tasks requiring the integration of isolated elements as synthetic wholes or the remembering of spatial configurations which could not be mediated verbally. They did not do poorly on SPM, probably since solutions are possible through verbal mediation.				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Simon,A. & Ward, L.O.				
TITLE				
Influence of age, ability, and angle on pupils' judgments of size of angles.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
45	3/1	949-950	EDUC KIDS AGES SPM UK	-
ABSTRACT				
80 11-14 year old Ss were tested with 8 cards on which were printed angles O and 180 degrees, Standard Progressive Matrices, and the Schonell R4 Reading Test. Significant differences on performance were found in relation to age and ability variables and between angle sizes O - 90 and 90 - 180 degrees.				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Sinha,M.				
TITLE				
Validity of the Progressive Matrices Test.				
JOURN_BOOK				
Journal of Psychological Researches				
VOLUME	SECTION	PAGES	CODES	INT_CODE
21	-	221-226	CRIT ANTHROP VALD RELI CORR ITEM SPM ASIA	A.
ABSTRACT				
Used the criteria of age and school examination marks to assess the validity of SPM. Data was gathered from a sample of 100 male and 100 female 11-15 yr olds from 2 different schools, and the split-half technique was used to determine reliability. Compared to SPM(1960) 50th percentile norms for British child- ren, the present means were low, but they increased with increases in subject age and compared favourably with those obtained by other Indian investigators for subjects of the same ages. Item validity was determined by comparing the percentages of success on each item by 2 groups- high and low achievers. Results indicate that most of the items made successful discrim-				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Srivastava, A.K.				
TITLE				
Social-class interaction in the language effectiveness of bright secondary school students.				
JOURN_BOOK				
Psychologia: An International Journal of Psychology in the Orient.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
20	-	226-233	ANTHROP SCLS SPM ASIA	-
ABSTRACT				
In order to study social-class interactions on language effectiveness, 3 reading tests were administered to 2 groups of equally bright (assessed by a verbal intelligence and Progressive Matrices) middle and working class Indian children of 100 each. Parents' occupation and education were the criteria for class placement. On all the tests the middle-class emerged significantly superior. In an attempt to assess the correlates of high and low language effectiveness, academic motivation and study habit inventories were administered to Ss. Scores on both inventories were found to be more strongly related to the composite reading scores of the working class than those of the middle class.				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Sturgis,R., Lemke,E.A. & Johnson,J.J.				
TITLE				
A validity study of the neural efficiency analyser in relation to selected measures of intelligence.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
45	2	475-478	EDUC CORR IQTS STUD VALD SPM NOAM	-
ABSTRACT				
Investigated the validity of the Ertl Neural Efficiency Analyzer (NEA) as a measure of intellectual ability by using NEA-ALPHA and Neural efficiency scores to predict college GPA both alone and in combination with measures of intelligence (Otis Quick-Scoring Mental Ability Tests, California Short-Form Test of Mental Matur- ity, and SPM) for 22 male and 64 female college students. Results indicate that NEA-Alpha scores predicted GPA's with moderate success and also that NEA-Alpha scores accounted for variability in GPA not associated with paper and pencil tests.				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Taylor,L.J. & Skanes, G.R.				
TITLE				
A cross-cultural examination of some of Jensen's hypotheses.				
JOURN_BOOK				
Canadian Journal of Behavioural Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	-	315-322	ANTHROP GENET RACE KIDS SPM NOAM	A.
ABSTRACT				
Examined Level 1 and 2 intelligence in Inuit and White 2nd- 5th graders through an examination of several of Jensen's major hypotheses. The sample consisted of 559 80-150 mo old students. Of the 559, there were 148 middle-class urban White children living in Labrador, and 63 Inuit children, 175 White children living in Labrador, and 63 Inuit children also living in Labrador. The Level 1 and Level 2 intelligence measures were a series of digit span tests and SPM,respectively.Results do not support the generality of some of Jensen's propositions. However, there can be no clear cut rejection of the genetic hypothesis based on the present results.				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Townsend, M.A.R. & Keeling, B.				
TITLE				
The relationship of Level I and Level II cognitive processes to a test of associative responding.				
JOURN_BOOK				
Journal of Educational Research.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
70	-	127-130	EDUC KIDS SPM AUST	E.
ABSTRACT				
Relates Level I associative ability to performance on the Children's Associative Responding Test (CART). Four groups of 10-11 yr. children (high/low on Levels I and II) were formed. The hypothesis that low-level I children (Digit Span) would show the strongest tendency to associative responding on CART was not supported. The authors question the general validity of Jensen's dual process hypothesis.				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Van Dam,J.				
TITLE				
Deficit intellectuel, factors culturels et arrieration mentale (1 ere partie).				
JOURN_BOOK				
Bulletins d'Informations				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	23-29	EDUC CLIN BRDM SPM EURO	E.C.
ABSTRACT				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1977		
<i>AUTHOR</i>				
Watson,P.				
<i>TITLE</i>				
Styles adopted in solving arithmetic tests and their relationships to a cognitive style and social behaviour.				
<i>JOURN_BOOK</i>				
Paper preresented to the Education Conference of the British Psychological Society.				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
			EDUC SPM PERS KIDS UK CORR	E
<i>ABSTRACT</i>				
A study of 100 11-yr olds to examine their styles of solving arithmetic problems. Performance was related to scores on SPM, EPI and Witkin's Embedded Figures Tests. Correlations between measures are reported.				

MATRICES		YEAR		
SPM		1977		
AUTHOR				
Zonderman,A.B., Vandenberg,S.G., Spuhler,K.P. & Fain,				
TITLE				
Assortative mating for cognitive abilities.				
JOURN_BOOK				
Behavior Genetics				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	3	261-271	GENET AGES NOAM CORR SPM FACT VALD	
ABSTRACT				
A battery of tests was given to 123 spouse pairs as part of a family study of the genetics of special abilities. SPM was included. With factor analysis four principal components for the battery were identified. Loadings were, for SPM, on spatial 0.65, verbal 0.51, and for g 0.76.				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Averbough,S. and Fuchs,D.				
TITLE				
Progressive Matrices - PM38. Instrument de depistage de l'inadaptation scolaire.				
JOURN_BOOK				
Bulletin d'Informations, Etablissements d'Applications Psychotechniques. Issy-Les-Moulineaux				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC NORM KIDS TIME SPM EURO	E.
ABSTRACT				
1700 selected students, aged 7-11 yrs. were given the 20 minute timed version of SPM in order to identify children experiencing difficulty in school. Tables of data report performance for each age group in stanines and percentiles. <div>[Text in French]</div>				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Berglund,M. & Sonesson,B.				
TITLE				
Personality impairment in alcoholism: its relation to regional cerebral blood flow and psychometric performance.				
JOURN_BOOK				
Journal of Studies on Alcohol				
VOLUME	SECTION	PAGES	CODES	INT_CODE
37	3	298-310	CLIN EEGM PERS SPM	C.
ABSTRACT				
33 alcoholic patients were investigated psychiatrically, with regional cerebral blood flow (rCBR) technique and psychometric- ally, including SPM. Discussion is in terms of three main syndromes - defence, low vitality and emotional deficiency.				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Blanquez,C.M. & Gari,J.E.T.				
TITLE				
Resultados de la prueba de Raven en universitarios espanoles.				
JOURN_BOOK				
Revista de Psicologia General y Aplicada				
VOLUME	SECTION	PAGES	CODES	INT_CODE
31	139	295-298	VOC STUD TIME SPM SCAM	V.
ABSTRACT				
Reports on the administration of SPM to 225 medical students at the University college of Huesca (University of Zaragoza). Over 90% of the students performed at grade II or better. No correlation was found between speed of completion and level attained. [Text in Spanish]				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Bond,M.R. & Brooks,D.N.				
TITLE				
Understanding the process of recovery as a basis for the investigation of rehabilitation for the brain injured.				
JOURN_BOOK				
Scandinavian Journal of Rehabilitation Medicine				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8		127-133	CLIN UK BRDM WAIS SPM	C
ABSTRACT				
A study of the recovery process after brain injury, including 60 patients assessed with SPM and MHV, who had experienced post traumatic amnesia for at least 24 hours. Testing was on various groups at intervals of <3 months, 3-6m, 7-12m, 13-23m and >23m. Rapid recovery in the first six months was followed by a slower pattern on both tests, and continuing improvement on SPM at 2 years.				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Campbell,D.C. & Oxbury, J.M.				
TITLE				
Recovery from unilateral visuospatial neglect.				
JOURN_BOOK				
Cortex				
VOLUME	SECTION	PAGES	CODES	INT_CODE
12	-	303-312	CLIN NUSY BRDM SPM NOAM	C.
ABSTRACT				
Reports on two groups of right-handed post-stroke patients at 3-4 weeks and 6 months. One group presented with right hemisphere neglect (RN+), the other did not (RN-). A range of neuropsychological test results is reported, including SPM on which RN+ patients scored significantly worse than RN- patients (P<.05). Both groups improved at 6 months (P<.01). Possible interpretations of these results are discussed.				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Capdevila, J.M.G., & Sopena, T.L.				
TITLE				
A correlational study of intelligence and reaction time.				
JOURN_BOOK				
Revista de Psicología General y Aplicada				
VOLUME	SECTION	PAGES	CODES	INT_CODE
31	138	25-33	MISC CORR SPM EURO	-
ABSTRACT				
Studies the relation between IQ and reaction time (RT). 60 Ss were administered SPM and tests of RT on a chronoscope. RT was measured using a position stimulus and color stimulus. As predicted, there was a significant high correlation (O.88) between the 2 types of RT measures but low correlations between IQ and the RT measures (0.06 - 0.14). [Text in Spanish].				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Carter-Saltzman,L., Scarr-Salapatek, S., Barker, W.B. & Katz, S.				
TITLE				
Left handedness in twins: incidence and patterns of performance in an adolescent sample.				
JOURN_BOOK				
Behavior Genetics				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	2	189-203	GENET IQTS RACE SPM NOAM	-
ABSTRACT				
A study of handednesses conducted on 399 pairs of same sex twins and two sets of triplets. A higher incidence of left-handedness than that usually reported in the general population was found. Males and Blacks had particularly high rates. On SPM, CTMM and PPVT, left-handers did better than their right-handed co-twins in the monozygotic pairs, and right handers did better than left-handed co-twins in dizygotic pairs. This trend was consistent in all 3 tests but only reached significance with CTMM.				

MATRICES YEAR				
SPM		1976		
AUTHOR				
Chan,J.				
TITLE				
Is Raven Progressive Matrices Test Culture-Free or Culture-Fair? - Some Research Findings in Hong Kong context.				
JOURN_BOOK				
Paper presented at the 3rd International Association for Cross- Cultural Psychology Congress, Tilburg, July 12-16, 1976				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP KIDS SPM ASIA CHAN	A.
ABSTRACT				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Chang,C.				
TITLE				
Sex differences of children in school-learning as related to sex differences of teachers: An analytic study of effect of availability of sex-role identity model on children's school learning.				
JOURN_BOOK				
Bulletin of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	-	1-20	EDUC KIDS MFSX SPM ASIA	E.
ABSTRACT				
Studied achievement motivation, scores on achievement tests, and attitudes toward learning experiences in 284 4th, 5th and 6th grade boys and girls, half of whom were taught by men and half by women. In addition, 32 women and 31 men teachers were surveyed on their attitudes toward students of either sex. Results indicate no difference in intellectual abilities of students taught by men and women (measured by SPM). However, 4th and 5th graders taught by women scored higher on classroom Chinese and mathematics examinations than those taught by men. 6th graders taught by men had higher scores in classroom examinations and standardized achievement tests (in Chinese				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Colombo,A., de Renzi, E. & Faglioni, P.				
TITLE				
The occurrence of visual neglect in patients with unilateral cerebral disease.				
JOURN_BOOK				
Cortex				
VOLUME	SECTION	PAGES	CODES	INT_CODE
12	-	221-231	CLIN NUSY BRDM ITEM SPM EURO	C.
ABSTRACT				
Investigated visual neglect in 50 left damaged, 53 right damaged and 50 control patients. SPM was administered and the score was not number correct but positional choice selected - a difference between right or left side alternatives. Brain damaged patients tended to prefer alternatives located homolateral to the injured hemisphere, and this was more evident for right-damaged patients.				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Coupar,A.M.				
TITLE				
Detection of mild asphasia: A study using the Token Test.				
JOURN_BOOK				
British Journal of Medical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
49	2	141-144	CLIN BRDM VERB CORR SPM UK	C.
ABSTRACT				
Commends the Token Test to psychologists for use in the detection of mild aphasia. The Token Test has short, easily memorized instructions and involves only receptive abilities. Administration to a normal S takes about 10 min, and both administration and scoring require little skill. Validation studies have shown that aphasic patients perform significantly worse than all non-aphasics tested on the Token Test, including those who are brain damaged. Correlations with SPM have been non-significant. In the present study, the Token Test and a battery of other tests of verbal comprehension were administered to 15 aphasics, 9 right hemisphere damaged non-aphasics, 9 leucotomized				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Court,J.H. & Kennedy, R.J.				
TITLE				
Sex as a variable in Raven's Standard Progressive Matrices				
JOURN_BOOK				
Proceedings, XXlst International Congress of Psychology, Paris.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP GENET MFSX SPM	A.
ABSTRACT				
Normative data for the SPM has typically assumed that sex differences in performance are unimportant. Yet numerous studies have found differences and reported on them. 29 studies claiming differences (some favouring males, others favouring females) are compared with 22 studies finding no differences. Reasons for reported differences are advanced and it is con- cluded that true sex differences have not been reliably demonstrated.				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Crawford-Nutt,D.H.				
TITLE				
Are Black scores on Raven's Standard Progressive Matrices an art- ifact of method of test presentation?				
JOURN_BOOK				
Psychologia Africana				
VOLUME	SECTION	PAGES	CODES	INT_CODE
16	-	201-206	ANTHROP RACE STUD RELI CORR SPM AFRICA	A.
ABSTRACT				
Two samples (each of 114 subjects) of black urban high schools in 11th and 12th years of schooling were given SPM under test cond- itions designed to ensure equivalence of understanding of the test requirements as compared with a white group. Mean scores of 45.1 and 44.9 for black students compared with Raven's normative score of 44, suggesting that the frequently reported poorer performance of blacks on intelligence tests might possibly be an artifact of the method of test administration.				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
D'Netto,T.B. & Kishore,R.				
TITLE				
The psychometric assessment of head injury.				
JOURN_BOOK				
Indian Journal of Clinical Psychology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	1	23-28	CLIN BRDM SPM ASIA ANTHROP	C.A.
ABSTRACT				
SPM, Draw-a-Person, Rorschach and a memory scale were used to assess 40 head-injured patients in an Indian hospital. 70% showed residual signs of damage, and the battery was superior to clinical examination and EEG in the detection of damage.				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Dolke,A.M.				
TITLE				
Investigation into certain psychometric properties of Raven's Standard Progressive Matrices Test.				
JOURN_BOOK				
Indian Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
51	3	225-236	CRIT ANTHROP VALD RELI CORR ITEM SPM ASIA	A.
ABSTRACT				
Reports an analysis of SPM based on 521 (??) normal males, mean age 42 yrs. Item analyses indicated an uneven discrimination throughout the scale. Factor analysis identified five factors inc. 'g'. Concurrent and content validit- ies are 'fairly satisfactory'. Test-retest reliability (1.5 months) was .80. Internal consistency reliability (Kuder-Richardson) was .67 and odd-even reliability (Spearman-Brown) was .73. Recommendation for shortening the test was made, together with items of equally spaced difficulty level.				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Dolke,A.M. & Sharma,R.				
TITLE				
Normative data on Progressive Matrices Test for selection of technical and clerical personnel in textile industry.				
JOURN_BOOK				
Indian Journal of Applied Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15	-	7-8	VOC VALD NORM SLCT RELI CORR IQTS SPM ASIA	V.N.
ABSTRACT				
Two groups from the textile industry in India (158 technical and 354 clerical staff) were given SPM in order to develop vocational normative data. Mean age of subjects was 42, range 20-60. Technical employees performed better than clerical employees and scores declined with age. Criterion validity was .62, concurrent validity (GATB general intelligence factor) was .55. Retest reliability (after 1 month) was .80. Internal consistencies, .93 and .87.				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Elgerot,A.				
TITLE				
Note on selective effects of short-term tobacco-abstinence on complex versus simple mental tasks.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
42	-	413-414	CLIN DRUG STUD PHYS SPM EURO	C.
ABSTRACT				
Studied effects of 15 hours abstinence from smoking on cognitive performance of 12 habitual smokers.An improved performance was found on more complex tasks, including SPM,but no change on simple tasks. Results are related to an arousal model of performance.				

MATRICES YEAR				
SPM		1976		
AUTHOR				
Gebhart,R. & Neumann,H.				
TITLE				
Die Intelligenz in Abhangigkeit vom durchgefurten Intelligenz- test und von Persönlichkeitsmerkmalen: Ein Vergleich von WIP und PMT				
JOURN_BOOK				
Psychotherapie, Medizin und Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26		23-31	CLIN EURO PSAT WAIS SPM PERS	C
ABSTRACT				
Eighty-five psychiatric patients were assessed with WAIS and SPM in a German clinic. The dependence of results on situation and personality was examined. [Text in German:Summary in English]				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Gilbertsadt,H., Lushene,R. & Buegel,B.				
TITLE				
Automated assessment of intelligence: the TAPAC test battery and computerized report writing.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
43	1	627-635	CLIN IQTS AUTO VALD WAIS SPM NOAM	C.
ABSTRACT				
The development of an automated system of intelligence testing and report writing is described based on the TAPAC apparatus administering the Shipley-Hartford Vocabulary, SPM, Digit Span and Digit Symbol of WAIS. A statement library for the computerized report writing is described. A regression equation was developed from SPM percentile norms to predict IQ.				

MATRICES YEAR				
SPM		1976		
AUTHOR				
Gill,P.				
TITLE				
Progressive Matrices in Ireland.				
JOURN_BOOK				
Proceedings of XXlst. International Congress of Psychology, Paris				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC NORM KIDS MFSX SPM UK	E.
ABSTRACT				
Describes the strategy adopted in undertaking a stratified sampling of Irish school-children aged 6-12 yrs. providing the basis for a truly national sample. The characteristics of the sample are described, with results of multiple regression used to identify services of variance. Area of dwelling, social class and family size dominated the picture, but no combination of predict- ors could explain more than 7% of the variation in SPM scores.				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Girija,P.R. & Bhadra,B.R.				
TITLE				
Personal and environmental factors related to academic perform- ance of college students.				
JOURN_BOOK				
Asian Journal of Psychology and Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	3	5-10	ANTHROP SCLS AGES STUD SPM ASIA	A.
ABSTRACT				
Investigated whether a relationship exists between personal and environmental background factors and academic performance when intelligence is equated. 159 students in an agricultural univers- ity were divided into 3 groups, (low, middle and high intelli- gence) on the basis of scores on SPM and were then subdivided on the basis of personal and environmental background factors obtained by questionnaire. Results of ANOVA show that the three groups differed not only in intelligence and academic performance but also in factors of age, study skills, home residence, fathers education, father's occupation and income, and social class (caste). There were no interaction effects of intellectual and				

MATRICES YEAR				
SPM		1976		
AUTHOR				
Girod,M. & Allaume,G.				
TITLE				
The development of the intellectual level of the French population during the last quarter of a century.				
JOURN_BOOK				
International Review of Applied Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
25	2	121-123	VOC NORM SPM EURO	V.
ABSTRACT				
French army recruits of 1974 surpassed those of 1949 when tested on SPM, mechanical aptitude, mathematical knowledge,attention and verbal skills. [Text in French]				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Groffmann,K.J., Schmidtke,A., Fortenbach,H. & Knirsch,D.				
TITLE				
Personlichkeit und Intelligenz von Studenten des Zweiten im Vergleich mit Studenten des Ersten Bildungsweges.				
JOURN_BOOK				
Psychologie in Erziehung und Unterricht				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23	-	273-282	EDUC PERS SPM EURO	E.
ABSTRACT				
[Text in German]				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Gumbsheimer,R.				
TITLE				
Intelligenzleistungen von 11 jährigen Unterschichtund Oberschichtkindern bei Einzel-un Gruppentestungen.				
JOURN_BOOK				
Psychologie in Erziehung und Unterricht				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23	-	316-318	EDUC KIDS SPM EURO	E.
ABSTRACT				
[Text in German]				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Hasan,Q. & Khan, S.R.				
TITLE				
Creativity, intelligence and temperament : A study of interrelationship .				
JOURN_BOOK				
Psychologia: An International Journal of Psychology in the Orient				
VOLUME	SECTION	PAGES	CODES	INT_CODE
19	4	193-199	EDUC PERS FACT SPM ASIA	E.
ABSTRACT				
Examined the relationship between creativity, intelligence, and temperament. A battery of creativity tests (e.g. unusual uses and new relationships). SPM and the Thorndike Dimensions of Temper- ament were administered to 100 male 7th and 9th graders (ages 12- 16 years). In addition to allowing for the identification of the temperamental correlates of the three types of creativity scores (i.e.,fluency, flexibility, and originality), the findings of the present study have implications for (a) the nature of relation- ship between creativity and intelligence and (b) the controversy regarding uni- vs. multidimensionality of creativity. It was found that the intercorrelations among the three creativity				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Heyneman,S.P.				
TITLE				
A brief note on the relationship between socio-economic status and test performance among Ugandan Primary school children.				
JOURN_BOOK				
Comparative Educational Review				
VOLUME	SECTION	PAGES	CODES	INT_CODE
20	-	42-47	ANTHROP SCLS KIDS CORR SPM AFRICA	A.
ABSTRACT				
A sample of 2293 children was drawn from 67 primary schools in Uganda. Information on SES was derived and related to perform- ance on attainment measures and SPM. Low significant positive correlations were found between SPM and individual measures of and with summary SES (0.13, p<.001).				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Johnson,O.G.				
TITLE				
JOURN_BOOK				
Tests and Measurements in Child Development: Handbook II. Volume 1. San Francisco: Jossey-Bass Publishers				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			ANTHROP TEXT MISC VARI SPM	A
ABSTRACT				
Describes the Creative-Response Matrices Test, developed by P.E.Vernon, and based on SPM. Developed to make it easier to relate to culturally deprived and test-unsophisticated children.				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Johnson,R.C., Park,J., Defries,J.C., McClearn,G.E., Mi,M.P., Rashad,M.N., Vanderberg,S.G. & Wilson,J.R.				
TITLE				
Assortative marriage for specific cognitive abilities in Korea.				
JOURN_BOOK				
Social Biology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23	4	311-316	ANTHROP CORR RELI VALD TIME SPM ASIA	A.
ABSTRACT				
Age-adjusted spouse correlations for tests of specific abilities (including a 20 minute SPM) were found to be higher for 209 Korean families, where arranged marriages are common, than for Americans of European or Japanese descent tested in Hawaii. Reliability was found to be 0.85 (KR-20).				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Kanekar,S., Neelakantan,P. and D'Souza,M.				
TITLE				
Anxiety, intelligence and academic performance.				
JOURN_BOOK				
Psychological Reports				
VOLUME	SECTION	PAGES	CODES	INT_CODE
38	-	938	EDUC ANTHROP PERS STUD CORR SPM ASIA	E.A.
ABSTRACT				
Taylor's MAS and SPM were given to 229 female students in a girls high school in Bombay to test the hypothesis that a positive correlation would emerge with more intelligent students, and a negative correlation with the less intelligent. Results did not correlate significantly (+.34) with academic performance.				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Labouvie-Vief,G. and Gonda,J.N.				
TITLE				
Cognitive strategy training and intellectual performance in the elderly.				
JOURN_BOOK				
Journal of Gerontology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
31	3	327-332	CLIN BRDM AGES SPM NOAM	C.
ABSTRACT				
Sixty female subjects (ages 63-95) engaged in a 3 part experiment to determine whether intellectual deficit can be reversed by relevant training. The Letter Sets test served as a training task with SPM as a transfer task. Results showed raised performance in the training conditions, transfer effects with maintenance of both training and transfer effects after 2 weeks.				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
McAskie,M. and Clarke,A.M.				
TITLE				
Parent-offspring resemblances in intelligence: Theories and evidence.				
JOURN_BOOK				
British Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
67	2	243-273	GENET CORR IQTS SPM UK	-
ABSTRACT				
A review of data on parent-offspring resemblances in intelligence is presented in the context of correlation, regression and variance predictions from a polygenic model and an environmental model. Consideration was given to reliability, test equivalence and long-term stability of IQ scores. Results indicate that much of the difference among off-spring IQ scores is not directly attributable to parental IQ, and that some is due to other between-family variables. The magnitude of single-parent- offspring correlations was related to the degree of assortative mating present in samples. Evidence on whether parent-offspring resemblances in IQ are transmitted genetically or environmentally is on the whole				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Milgram,R.M. and Milgram,N.A.				
TITLE				
Self-concept differences in student teachers in primary, element- ary secondary and special education.				
JOURN_BOOK				
Psychology in the Schools				
VOLUME	SECTION	PAGES	CODES	INT_CODE
13	4	439-441	EDUC PERS SPM NOAM	E.
ABSTRACT				
Self-concept (Tennessee Scale), academic achievement and perform- ance on SPM were examined in 267 students preparing to teach in primary, elementary, secondary and special education. Differences were found between groups on the self-concept scale but not on academic achievement or SPM.				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Morales Blanquez,C. and Torrente Gari,J.E.				
TITLE				
Results of the Raven test with Spanish University students.				
JOURN_BOOK				
Revista de Psicologia General y Aplicada				
VOLUME	SECTION	PAGES	CODES	INT_CODE
31	139	295-298	EDUC ANTHROP STUD SPM EURO	E.A.
ABSTRACT				
Administered the SPM and a tachistoscopic test of perception to 225 students in the College of Medicine. 90.4% of the students fell into categories I,II+ or II on the SPM test, a higher figure than most researchers have found. There was no correlation between perceptual speed and the SPM score. [Text in Spanish]				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Nathan,M. and Schnabl,A.				
TITLE				
The effect of Kibbutz children's age and sex on performance in the RPM Test.				
JOURN_BOOK				
The Kibbutz				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3-4	-	105-113	ANTHROP MFSX AGES SPM ASIA ISRAEL	A.
ABSTRACT				
SPM was administered to a sample of 776 Kibbutz-born children, aged 11-18, from the three main kibbutz movements in Israel. The results showed the following significant differences between the sexes. At the age of 11-13, girls scored a higher average than boys; at the age of 14, there were no differences in average scores between the sexes; at the age of 15-18, boys scored a higher average. In another Israeli, but non-kibbutz sample, (Gutman,R.,1974)boys scored higher than girls in all age groups. The similarity of physical growth patterns of the sexes with the pattern of the rising scores in this test, has been emphasized. In all three age groups, differences between the sexes were largest				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Neuman,R.G.H.				
TITLE				
Die Intelligenz in Abhangigkeit vom durchgefuehrten Intelligenz- test und von Persönlichkeitsmerkmalen; Ein Vergleich von WIP und PMT.				
JOURN_BOOK				
Psychotherapie und medizinische Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	-	23-31	CLIN WAIS PSAT PERS SPM EURO	C.
ABSTRACT				
85 psychiatric patients were assessed with various intelligence tests (WAIS and SPM). The dependence of results on situation and personality was examined. Results confirm that exact description of the specific conditions in which something is achieved is more important for interpretation and consequent therapy than exclusive data on the level of the IQ.				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Neuman,R.G.H.				
TITLE				
Die Intelligenz in Abhangigkeit vom durchgefuehrten Intelligenz- test und von Persönlichkeitsmerkmalen; Ein Vergleich von WIP und PMT.				
JOURN_BOOK				
Psychotherapie und medizinische Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	-	23-31	CLIN WAIS PSAT PERS SPM EURO	C.
ABSTRACT				
85 psychiatric patients were assessed with various intelligence tests (WAIS and SPM). The dependence of results on situation and personality was examined. Results confirm that exact description of the specific conditions in which something is achieved is more important for interpretation and consequent therapy than exclusive data on the level of the IQ.				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Phua,S.L.				
TITLE				
Ability factors and familial psycho-social circumstances of Chinese and Malays of Singapore.				
JOURN_BOOK				
Unpublished Ph.D. Thesis, University of Alberta.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP SPM ASIA	A.
ABSTRACT				
For a summary of this research in published form see R. Lynn (1977).				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Radu,V., Catina,A. & Ionescu,S.				
TITLE				
Questionnaire on vocational interests of the mentally deficient (QVIMD).				
JOURN_BOOK				
Revista de Psihologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
22	-	419-438	CLIN KIDS DFCT SPM EURO	C.
ABSTRACT				
Describes the elaboration of a questionnaire on vocational interests for the mentally deficient (MD), based on a previous study of the vocational interests of 269 MD pupils and the range of occupations for which they can be qualified. The method of elaborating the testing the QVIMS-74 is described, and all the items are presented. The questionnaire and the SPM were administered to 262 subjects. The 2 final forms (B for boys, G for girls) may be used for vocational guidance when graduating from special school and in the last class of the general school for the MD, to indicate the educational steps that could be taken.				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Raveau,F.H., Elster, E. & Lecoutre, J.P.				
TITLE				
Immigration and differential acculturation.				
JOURN_BOOK				
International Review of Applied Psychology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
25	-	145-165	ANTHROP CORR IQTS PERS RACE SPM EURO	A.
ABSTRACT				
Studied 824 French students, immigrants from 21 African countries. Tests administered were SPM, the Cattell Culture Fair Intelligence Test, the Bell Adjustment Inventory, and the 16 PF. The roles of the native culture, educational level, and categories of professional activity were compared with assessments of the quality of the immigrant's stay. A correlational analysis identified relation ships between psychological and cultural factors. - (Text in French)				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Sorondo,E.C.				
TITLE				
La psicologia en la orientacion universitaria.				
JOURN_BOOK				
Revista di Psicologia General y Aplicada.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
31	-	1163-1187	VOC ANTHROP SLCT STUD PERS SPM EURO	-
ABSTRACT				
An exploratory study of pre-university guidance in which account is taken of personality and motivational factors, with intelligence and achievement measures. SPM was used for non- verbal intelligence. It was concluded that these variable prove to be mutually independent, and hence all measures can be used for the purpose of diagnosis and guidance. (Text in Spanish: summaries in French and English).				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Stern,J.M.et al.				
TITLE				
Psychiatric aspects of the rehabilitation of the severely brain injured.				
JOURN_BOOK				
Israel Annals of Psychiatry and Related Disciplines				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	4	333-344	CLIN WAIS BRDM SPM ANTHROP ASIA ISRAEL	C.A.
ABSTRACT				
Presents an initial psychiatric evaluation of 40 severely brain- injured war casualties who were hospitalized in a physical rehabilitation centre. None of the 26 cases with penetrating brain injuries or 14 cases with blunt brain injuries had to be transferred to a psychiatric department. Ss were evaluated using the WAIS and SPM. Treatment techniques involving individual, group, family, and drug therapy are discussed. A follow-up examination 1 year after the brain injury was sustained showed improvement in all spheres: locomotor, communication, cognition, and behavior. 22 of the Ss had returned to their homes. Since the Ss had only recently been discharged from the hospital at				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Sweet,R.				
TITLE				
Some recent adolescent and adult norms for the PM 38.				
JOURN_BOOK				
Research Report: Division of Student Services, Sydney Technical College				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	Pp.5	AUST NORM TIME AGES MFSX STUD SPM EDUC	V.N.
ABSTRACT				
Gives details of adolescent and adult norms. The adolescent sample consisted of 1000 subjects in third form, randomly select- ed from cases seen by Vocational Guidance Services, together with a further 1000 subjects selected to represent ages 14-16. Roghly equal numbers of each sex were included: no sex differenc- es were found. Testing followed the Australian practice of timing each subset. Adult norms are derived from 2203 patients at Concord Repatriat- ion Hospital with ages 30-69; cases diagnosed as organic were excluded. Amistration was with a 20 minute time limit. The means of each age group conform closely to results obtained in early studies of SPM, as do the rates				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Townsend, M.A.R. & Keeling, B.				
TITLE				
An investigation of Level I and Level II cognitive processes in the learning and recall of factual and inferential information.				
JOURN_BOOK				
British Journal of Educational Psychology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
46	-	306-317	EDUC KIDS CORR SPM NOAM AUST	E.
ABSTRACT				
A study of Jensen's dual-process theory of cognitive functioning in which Digit Span and SPM were given to four groups of 10-11 year olds identified as high or low on each test. The two tests were found to correlate (.04). Finding subjects who were low on DS but high on SPM raises questions about the relationships proposed by Jensen. Conceptual ability was the strongest component in determining recall of facutal and inferential information.				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Van Meerem,L. & Van Peet,A.				
TITLE				
Reserves of talent as an indication of equality of opportunity.				
JOURN_BOOK				
Tijdschrift voor Onderwijs Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	-	241-255	EDUC VALD CORR SPM EURO	E.
ABSTRACT				
On the basis of all 18 year olds in Holland being given SPM and school achievement tests, participation in tertiary education was related to SES. An earlier study (1965) found the group of part- icipators could be doubled if percentages of the other SES-groups could be raised to the existing percentages of the highest SES groups. This study (1972) found the reserve to be 64% rather than 104%. [Text in Dutch: Summary in English]				

MATRICES YEAR				
SPM		1976		
AUTHOR				
Webber, G.D.				
TITLE				
The Progressive Matrices, 1956 as a screening instrument for identifying intellectually gifted public school students.				
JOURN_BOOK				
Doctoral Dissertation: University of Florida Dissertation Abstracts				
VOLUME	SECTION	PAGES	CODES	INT_CODE
A	36	7996	EDUC SPM GIFT SLCT NOAM	E
ABSTRACT				

MATRICES		YEAR		
SPM		1976		
AUTHOR				
Wittig,M.A.				
TITLE				
Sex differences in intellectual functioning: How much of a difference do genes make?				
JOURN_BOOK				
Sex Roles: A Journal of Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	1	63-74	GENET SPM MFSX	
ABSTRACT				
A critical review paper of studies of the X-linked theory of inheritance of genes controlling sex differences in relation to intellectual traits, including some which have used SPM among their measures.				

MATRICES YEAR				
SPM		1975		
AUTHOR				
Acheson, J.B.				
TITLE				
The Standard Progressive Matrices in a multi-ethnic milieu.				
JOURN_BOOK				
Unpublished Doctoral Dissertation: University of Alberta				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			EDUC RACE SPM NOAM	E
ABSTRACT				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Amir,Y.				
TITLE				
Perceptual articulation in three Middle Eastern cultures.				
JOURN_BOOK				
Journal of Cross-Cultural Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	4	406-416	ANTHROP CORR STUD SPM ISRAEL ASIA	A.
ABSTRACT				
The study compared perceptual articulation, using Embedded Figure Test, on three middle-Eastern groups with differing child-rearing practices: a Moslem group from Iran, Moslem Arabs from Israel and neighbouring countries: Israeli-Jews from western and M-E count- ries. All subjects were students aged 19-26. SPM was used to control for intelligence and was found to correlate with the EFT .49, .38 and .31 respectively. Israelis scored significantly higher than Iranians who scored higher than the Arab group on SPM.				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Belmont,L., Stein,Z.A. & Susser,M.W.				
TITLE				
Comparison of associations of birth order with intelligence, test score and height.				
JOURN_BOOK				
Nature				
VOLUME	SECTION	PAGES	CODES	INT_CODE
255	55-	03; 54-56	GENET CORR PHYS SPM EURO	-.
ABSTRACT				
Explores the relationship of heredity and environment on intell- ectual performance by comparison of height and SPM scores for 234,837 Dutch male subjects. Family size is associated with stature and test score. Generally,individuals from smaller families are taller and brighter. Height and test scores for single-child families are exceptions. Within each family size the firstborn always have higher test scores than the subsequent offspring.				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Bemelmans,F.				
TITLE				
L'Analyse clinique des aptitudes par les tests essai sur les Matrices Progressives de Raven.				
JOURN_BOOK				
L'Orientation Professionnelle				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	-	281-310	EDUC ITEM PGET SPM EURO	E.
ABSTRACT				
Analyses SPM performance by items and sets in order to identify clusters of difficulty level. These levels are related to Piagetian development levels and school performance.				

MATRICES	YEAR			
SPM	1975			
AUTHOR				
Carter-Saltzman,L. & Scarr-Salapatek, S.				
TITLE				
Blood group, behavioural and morphological differences among dizygotic twins.				
JOURN_BOOK				
Social Biology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
22	-	372-374	GENET PHYS SPM NOAM PPVT IQTS CORR	
ABSTRACT				
A wide range of mesures was obtained on 145 pairs of twins, aged 10 - 16, incuding physical intellectual data. SPM,PPVT and other intelectual measures were obtained and related to blood group differences. SPM showed a small significant positive correlation (.15), while PPVT showed the reverse.				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Carter-Saltzman,L., Scarr-Salapatek, S. & Barker, W.B.				
TITLE				
Do these co-twins really live together? An assessment of the validity of the Home Index as a measure of family socio- economic status.				
JOURN_BOOK				
Educational and Psychological Measurement				
VOLUME	SECTION	PAGES	CODES	INT_CODE
35	-	427-435	GENET RACE CORR VALD IQTS SPM NOAM	-
ABSTRACT				
Reports on problems with determining SES using the Home Index with a group of 400 pairs of same-sex twins. In the study five cognitive measures were used including SPM, PPVT, CMMS, Benton VRT and a Paired-Associate Test. Correlations between measures for black and white twins are reported.				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Chang,C.				
TITLE				
Effects of discovery approach of science instruction on elementary school children's logical thinking development.				
JOURN_BOOK				
Bulletin of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	-	11-24	EDUC MFSX PERS CORR SPM ASIA	E.
ABSTRACT				
Studied the effects of didactic vs heuristic methods of instruction on elementary pupils' ability to retain or under- stand natural science material. Ss were 100 4th- and 80 6th graders (each group equally divided between boys and girls) from classes taught traditionally. The heuristic teaching method re- sulted in higher test scores on retention, but not on questions that called for reasoning, in 6th grade boys and girls. 6th grade boys scored higher in both types of questions than 6th grade girls. Scores on both types of questions were signifi- cantly and positively correlated with scores on SPM. They were not correlated with scores on the Children's Manifest Anxiety Scale.				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Drunkenmolle,C.				
TITLE				
Psychological investigations of patients with breast carcinoma; A Pilot study.				
JOURN_BOOK				
Psychiatria Clinica.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	3	127-139	CLIN PERS PHYS SPM EURO	C.
ABSTRACT				
Patients with breast carcinoma were studied to establish guidelines for improved patient care and health education. Subjects completed a complaints inventory, SPM, MMPI, and 16PF. [Text in German: summary in English]				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Elgerot,A.				
TITLE				
Physiological and Psychological changes during tobacco-abstinence in habitual smokers.				
JOURN_BOOK				
Reports from the Department of Psychology,University of Stockholm				
VOLUME	SECTION	PAGES	CODES	INT_CODE
462	-	1-9	CLIN DRUG SPM EURO	C.
ABSTRACT				
The effects of 4 days of abstinence from tobacco smoking were examined in 11 habitual smokers at their usual place of work and related to smoking habits and attitudes. Adrenaline and noradrenaline excretion decreased,while perform- ance on cognitive tests including SPM was un-affected.				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Elgerot,A.				
TITLE				
Note on selective effects of short-term tobacco-abstinence on complex versus simple mental tasks.				
JOURN_BOOK				
Reports from the Department of Psychology,University of Stockholm				
VOLUME	SECTION	PAGES	CODES	INT_CODE
452	-	1-3	CLIN DRUG SPM EURO	C.
ABSTRACT				
Effects of a 15 hour abstention from tobacco smoking in 12 habitual smokers were examined using 3 complex tests (inc. SPM) and two simple perceptual tests. Abstinence led to improved performance on the complex tests,but no change on the simple ones.Results are interpreted in terms of the inverted U relationship between performance and arousal.				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Endler,N.S., Wisenthal,D.L., Coward,T.,Edwards,J. & Geller,S.H.				
TITLE				
Generalisation of relative competence mediating conformity across differing tasks.				
JOURN_BOOK				
European Journal of Social Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	-	281-287	OTHER SPM NOAM	-
ABSTRACT				
Tested an hypothesis that experimental manipulation of correct- ness and agreement which leads Ss to perceive themselves as incompetent relative to the group on one task (The Canadian Knowledge Inventory) will generalise this to a second task (SPM) so that these Ss will be the most conforming. 36 male and 36 female students were tested. A non-standard version of SPM was presented in a slide format. [Text in English:Summaries in French and German]				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Gendreau,P.				
TITLE				
Psychological test usage in corrections in English-speaking Canada: 1972-1973.				
JOURN_BOOK				
Canadian Journal of Criminology and Corrections				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17	-	215-220	MISC PERS IQTS SPM NOAM	-
ABSTRACT				
Describes a survey of test usage by psychologists in correctional centres across Canada. SPM was identified frequently as a test used, not routinely but for specific diagnostic purposes. [Text in English: Summary in French]				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Habinakova,E. & Turcanova,N.				
TITLE				
Psychological investigation of diabetic children.				
JOURN_BOOK				
Psychologia a Patopsychologia Dietata				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10	2	99-114	CLIN PERS KIDS PHYS SPM EURO	C.
ABSTRACT				
30 diabetic children and controls were compared on SPM, Eysenck JEPI, Rosenweig and Bene-Anthony. No hereditary factor was found in 73.3% of cases and no significant differences in IQ. [Text in Slovak]				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Heyneman,S.P.				
TITLE				
Academic achievement in Uganda: A 'Coleman report' from a non-industrial society.				
JOURN_BOOK				
Unpublished Ph.D. Thesis, University of Chicago				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC ANTHROP KIDS PERS VALD SPM AFRICA	E.A.
ABSTRACT				
Examined results from a 10% sample of Ugandan primary school children approaching secondary education to determine factors associated with high achievement. CPM was among the measures. A consistent relationship emerged between a measure of self- concept and all measures of performance including CPM.				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Hundal,P.S. & Singh,S.				
TITLE				
Motivational aspects of economic development				
JOURN_BOOK				
In J.W.Berry and W.J.Lonner (Eds) Applied Cross-Cultural Psychology. Amsterdam: Swets and Zeitlinger.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2		25-31	ANTHROP ASIA PERS SPM VOC	A.V.
ABSTRACT				
In conference proceedings describes the findings of a study of 400 Indian farmers. For full details see Hundal and Singh (1978)				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Keating,D.P. & Caramazza,A.				
TITLE				
Effects of age and ability on syllogistic reasoning in early adolescence.				
JOURN_BOOK				
Developmental Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
11	6	837-842	EDUC KIDS AGES CORR SPM NOAM	E.
ABSTRACT				
109 male fifth and seventh graders (ages 11 and 13) were given linear syllogistic reasoning tasks to assess the effects of age and ability. Results showed that the effect of ability was quite dramatic even with verbal grade equivalent and SPM scores as covariates, whereas the effect of age was marginal and confounded with both.				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Labouvie-Vief,G., Levin,J.R. and Urberg,K.A.				
TITLE				
The relationship between selected cognitive abilities and learning: a second look.				
JOURN_BOOK				
Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
67	4	558-569	EDUC STUD THEO SPM NOAM	E.
ABSTRACT				
The relationship between learning strategies and cognitive abilities was examined in a series of three experiments. Based on the argument that such relationships ought to follow predictable differentiated patterns, different strategy manipulations were used in an attempt to moderate the relationship between reasoning and memory abilities and free-recall and paired-associate learning. Results suggested that meaningful interrelations can be demonstrated as long as the processes and strategies forming the link between learning and ability test performance are both potent and well understood. SPM was used as the reasoning task in Experiments 2 and 3.				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Lemke,E.A., Harris,E. and Manning,K.				
TITLE				
The use of generalised learning curves as a means for identifying strategies in concept attainment task.				
JOURN_BOOK				
Journal of Educational Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
69	-	58-60	EDUC PERS SPM NOAM	E.
ABSTRACT				
85 male and female subjects, with a modal age of 20, were given the CTMM, 16PF and SPM, along with twelve conjunctive-type concepts. Concept time-to-criterion scores were factor analysed to obtain generalised learning curves. Factor scores on these curves were then computed and studied to identify concept attainment strategies. Three such strategies - conservative focusing, hypothesis testing and association learning - were so identified. The psychological measures could be seen to be differentially related to these concept attainment strategies (though no specific reference is made to SPM relationships)				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
MacArthur,R.S.				
TITLE				
Differential ability patterns: Inuit,Nsenga and Canadian whites.				
JOURN_BOOK				
In J.W.Berry & W.J.Lonner (Eds), Applied Cross-Cultural Psychol- ogy. Amsterdam: Swets & Zeitlinger				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP EDUC KIDS RACE FACT VALD AGES IQTS SPM NOAM AFRICA	A.E.
ABSTRACT				
Discusses differential ability patterns among several cultural groups, including Eskimo white and Nsenga Africans. Ethnic sample and age-level differences were found but contrary to expectation, sex differences were not found on SPM.				

MATRICES YEAR				
SPM		1975		
AUTHOR				
MacArthur,R.S.				
TITLE				
Ecology, culture and cognitive development: Canadian Native Youth				
JOURN_BOOK				
In S.Schluderman, Chm.,Psychological development of the ethnic child and adolescent. Symposium presented at a meeting of Canadian Ethnic Studies Association, Winnipeg Canada, October				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP EDUC KIDS RACE FACT VALD AGES IQTS SPM NOAM	A.E.
ABSTRACT				
The material in this book reports data and draws conclusions essentially the same, so far as SPM is concerned,as that contained in MacArthur (1973); q.v.				

MATRICES YEAR				
SPM		1975		
AUTHOR				
Micko,H.C.				
TITLE				
Diskussion zu: Seidel,C. Eine Untersuchung der SPM von Raven mit Auswertung nach dem Grundmodell von Rasch.				
JOURN_BOOK				
In: Tak,W.H. (Hrsg). Bericht uber den 29. Kongress der Deutschen Gesellschaft fur Psychologie in Salzburg 1974, Bd.1. Gottingen : Hongrefe,S.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	316-318	CRIT THEO SPM EURO	-
ABSTRACT				
[Text in German]				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Nias,D.K.B.				
TITLE				
Personality and other factors determining the recreational interests of children and adults.				
JOURN_BOOK				
Ph.D. Thesis, University of London				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	OTHER PERS SPM UK	-
ABSTRACT				
Various recreational interests, including hobbies, reading preferences and sports, were rated for degree of interest by 1170 school pupils and 1268 parents.The structuring of these interests was investigated, and the resulting factors related to personal- ity and other variables, such as intelligence, absence from school and social class. It was concluded that personality and family influence were the most important determinants of recreational interests.				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Nicholson,C.L. and Alcorn,C.L.				
TITLE				
The use of the Raven Progressive Matrices in the identification of possible perceptual problems in adolescents of below average ability.				
JOURN_BOOK				
Proceedings, National Association of School Psychologists, 1974- 1975, 242. (Paper to NASP Convention, Atlanta, April 1975).				
VOLUME	SECTION	PAGES	CODES	INT_CODE
242	-	-	EDUC CORR KIDS BRDM IQTS SPM CLIN NOAM	E.
ABSTRACT				
SPM was given to 160 adolescents of below average mental ability, together with other measures often used to detect perceptual problems. Hypotheses associated with discrepancy scores were proposed but rejected as unreliable with too many Type I and Type II errors occurring. Numerous correlations between the battery of tests used are reported. Discussion touches on the problem of base rates in differential diagnosis of brain damage.				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Norman,M.J.				
TITLE				
Selection of navigating cadet officers in the New Zealand merchant service.				
JOURN_BOOK				
Unpublished Report. Wellington, New Zealand				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	VOC STUD SLCT VALD SPM AUST	V.
ABSTRACT				
32 Naval cadets were given timed SPM, 16PF and Kuder and results were related to measures of job success. The cadets performed at 1 S.D. above the mean on SPM and no significant correlation with job success was found.				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Norman,M.J.				
TITLE				
Selection of navigating cadet officers in the New Zealand merchant service.				
JOURN_BOOK				
Unpublished Report. Wellington, New Zealand				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	VOC STUD SLCT VALD SPM AUST	V.
ABSTRACT				
32 Naval cadets were given timed SPM, 16PF and Kuder and results were related to measures of job success. The cadets performed at 1 S.D. above the mean on SPM and no significant correlation with job success was found.				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Rao,Y.R.				
TITLE				
Distribution of Progressive Matrices scores among pupils of XI standard.				
JOURN_BOOK				
Indian Journal of Applied Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
12	2	76-82	ANTHROP EDUC STUD NORM MFSX SPM ASIA	A.E.
ABSTRACT				
Attempted to develop Indian norms for SPM using 15-18 yr. old students from 6 types of schools in an urban area. At every level males higher mean scores than females. Although score variability increased with age, the overall variability was greater among females than among males.				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Rauchfleisch,U.				
TITLE				
Zur frage der diagnostischen Badentung der 'Diskrepanzen' in Progressiven Matrizentest von Raven.				
JOURN_BOOK				
Diagnostica				
VOLUME	SECTION	PAGES	CODES	INT_CODE
21	3	107-115	CLIN ITEM STUD IQTS CORR EEGM SPM EURO	C.
ABSTRACT				
[The diagnostic significance of discrepancy scores with Raven's Matrices] Describes the administration of SPM, Hamburg-Wechsler, Rorschach and other tests to 214 behaviourally disturbed young people, seeking to identify the usefulness of observed SPM discrepancies. Correlations with EEG data are also reported. [Text in German]				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Seidel,C.				
TITLE				
Eine Untersuchung der SPM von Raven mit Auswertung nach dem Grundmodell von Rasch.				
JOURN_BOOK				
In Tack,W.H. (Hrsg): Bericht uber den 29. Kongress der Deutschen Gesellschaft fur Psychologie in Salzburg 1974, Bd 1. Gottingen: Hogrefe,S.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
316	-	-	CRIT THEO SPM EURO	-
ABSTRACT				
[Text in German]				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Simon,A. & Ward, L.O.				
TITLE				
Age, sex, intelligence and religious beliefs in 11 to 15 year old pupils.				
JOURN_BOOK				
Irish Journal of Education.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	1-2	108-114	EDUC AGES MFSX KIDS SPM UK	-
ABSTRACT				
Examined the influence of age, sex, and intelligence on the religious beliefs of 120 11-15 year old pupils attending a Welsh Catholic comprehensive school. The pupils were administered the Standard Progressive Matrices and a religious belief questionnaire. A clear tendency for religious uncertainty to be correlated with growing age was detected. Although sex was not a significant factor in the younger age group, the tendency of girls to hold firmer beliefs became quite clear in the older group when boys tended to become increasingly uncertain and critical. Intelligence appeared to exercise a subtle influence on religious belief in that it influenced some beliefs more than others. There was also a				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Sipova,I.				
TITLE				
The intellectual level of trans-sexual subjects.				
JOURN_BOOK				
Ceskoslovenska Psychiatrie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
71	-	131-136	CLIN PSAT SPM EURO	-
ABSTRACT				
Intelektova uroven u transsexnalu. (The intellectual level of transexual subjects.) The educational and intellectual standards of 64 transsexuals (43 female, 20 male) were compared with those of 18 feminine homosexuals. The standard of education in both groups was in marked contrast to their high intellectual level, assessed with SPM.				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Vigeland,K.				
TITLE				
Forandringer i personlighetsfungering ved neuroleptika- behandling av psykotikere.				
JOURN_BOOK				
Nordisk Psykologi				
VOLUME	SECTION	PAGES	CODES	INT_CODE
27	-	238-245	CLIN PSSS DRUG SPM EURO	C.
ABSTRACT				
(Changes in the personality functioning of psychotics with neuro- leptic treatment.) Nine psychotic patients were assessed on admission and after 8 weeks of treatment on neuroleptics, using SPM, GGWS Object Sort- ing Test and the Rorschach. Statistically significant changes were registered on GGWS and Rorschach. The importance of the test's structural complexity in so far it concerns activation of cognitive disturbances is brought out. [Text in Norwegian; Summary in English]				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Wagner,L.L.				
TITLE				
Behavioural rigidity of normal and learning disabled students as measured by a modified version of the WISC, Coding B subtest and by Raven's Standard Progressive Matrices.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
36	4-A	2114	EDUC BRDM WISC KIDS SPM NOAM	E.
ABSTRACT				
Examines 30 pairs of sixth, seventh and eighth grade normal and learning disabled children, matched by age, sex and intelligence. WISC-R Coding B and SPM were given and repeated after 5-7 weeks. No significant differences were found between the two groups on SPM.				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Wilson,J.R., De Fries,J.C., McClearn,G.E., Vandenberg,S.G. & Johnson,R.C.				
TITLE				
Cognitive abilities: Use of family data as a control to assess sex and age differences in two ethnic groups. -				
JOURN_BOOK				
International Journal of Aging and Human Development				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	3	261-276	ANTHROP FACT RACE AGES MFSX VALD RELI CORR IQT S SPM NOAM	A.
ABSTRACT				
A range of 15 tests yielded four cognitive factors with a sample of 997 families in Hawaii. Ethnicity, age and sex variables were examined. A timed, modified version of SPM with estimated reliability of 0.86 loaded strongly on a spatio visualization factor. There was a significant decline with age, and a sex difference favouring males.				

MATRICES		YEAR		
SPM		1975		
AUTHOR				
Zajonc,R.B. & Markus,G.M.				
TITLE				
Birth order and individual development.				
JOURN_BOOK				
Psychological Review				
VOLUME	SECTION	PAGES	CODES	INT_CODE
82	1	74-88	GENET SPM EURO	-
ABSTRACT				
The model developed in this article was based on data collected from individuals who had been born during the Dutch famine of 1944. Apparently no ill effects of malnutrition were found from these subjects when comparisons of intellectual performance were made between them and other cohorts whose nutritional resources were satisfactory. The data on which the present analysis was made are derived from SPM. This analysis leads to the conclusion that there are two primary determinants of intellectual growth, both imbedded in the individual's intellectual development: One is the spacing between children and the other is family size.				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Baraheni,M.N.				
TITLE				
Raven's Progressive Matrices as applied to Iranian children.				
JOURN_BOOK				
Educational and Psychological Measurement				
VOLUME	SECTION	PAGES	CODES	INT_CODE
34	-	983-988	ANTHROP EDUC MFSX KIDS VALD RELI CORR TIME AGES SPM ASIA	A.E.
ABSTRACT				
This study reports the results of the application of SPM to a representative sample of Iranian children attending schools in Teheran. The study showed that boys did score slightly higher on SPM than did the girls, the differences being significant up to age 13. There was a consistent increase in SPM scores at success- ive age levels, but the increments were not significant beyond age 15. Iranian children scored considerably below the British norms, although this decrement might have been due to the timed administration of SPM in Iranian samples and to a variety of cultural factors. Reliability and validity of SPM were found to be satisfactory. Although the findings indicated the				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Bulletin D'Informations				
TITLE				
Documents statistiques;V.				
JOURN_BOOK				
Bulletin d'Establissemments d'Applications Psychotechniques				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	STAT NORM SPM EURO	-
ABSTRACT				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Csanyi,Y.				
TITLE				
Hallasi fogyatekosok pszichologiai vizsgalatanak nehany kerdese				
JOURN_BOOK				
Magyar Pszichologiai Szemle				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	-	439-449	CLIN EDUC DEAF KIDS SPM EURO	E.C.
ABSTRACT				
Reports testing deaf children on SPM and finding no significant impairment among the deaf. Errors were also analysed between groups. [Text in Hungarian]				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Defries,J.C., Vandenberg, G.G., McClearn, G.E., Kuse, A.R. & Wilson, J.R.				
TITLE				
Near identity of cognitive structure in two ethnic groups.				
JOURN_BOOK				
Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	-	338-339	GENET RACE SPM NOAM	-
ABSTRACT				
As part of a large scale family study in Hawaii, Americans of Japanese or European ancestry were given 15 cognitive tests, including a 20-minute modified SPM. Principal components analysis yielded the same four major factors for each group. SPM reliability was 0.89.				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Deo,P. & Bhullar,J.				
TITLE				
Relationship of physical efficiency to self-concept, intelligence and achievement.				
JOURN_BOOK				
Psychological Studies				
VOLUME	SECTION	PAGES	CODES	INT_CODE
19	1	56-59	ANTHROP PHYS PERS ASIA STUD CORR SPM	A
ABSTRACT				
Studied the relationship between physical efficiency and self- concept, intelligence (SPM) and achievement. Results indicate that no relationship exists between self-concept and physical efficiency. For this group, physical efficiency and SPM level were negatively related (r = -.52). The sample of 38 students was enrolled at a Departemnt of Physical Education.				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Durojaiye,M.O.A.				
TITLE				
The role of non-cognitive factors in school learning of Ugandan secondary school pupils.				
JOURN_BOOK				
West African Journal of Educational and Vocational Measurement				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	-	35-39	ANTHROP EDUC VALD CORR SPM AFRICA	A.E.
ABSTRACT				
Assessing the determinants of academic success among rural and urban African students, it was found the CPM correlated only slightly with success (up to 0.2), whereas attitudes to school and aspirations were highly significant. This was true for both sexes, who were evaluated separately.				

MATRICES YEAR				
SPM		1974		
AUTHOR				
Fisher,G.H. diskussion zu: Seidel,C.				
TITLE				
Eine untersuchung der SPM von Raven mit auswertung nach dem grundmodell von Rasch.				
JOURN_BOOK				
In Tack,w.h. (Hrsg) Bericht uber den 29. Kongress der Deutschen Gesellschaft fur Psychologie in Salsburg, Gottingen: Hogrefe, S				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	-	316-318	CRIT THEO SPM EURO	-
ABSTRACT				
[Text in German]				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Greer,G.B.				
TITLE				
Sets, logic and concepts II. Difference in rule difficulty.				
JOURN_BOOK				
Journal of Structural Learning				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	-	143-163	OTHER KIDS SPM UK	-.
ABSTRACT				
Describes a technique for measuring the development of logical concepts, using a colour apparatus with 179 boys, aged 8-15. Subjects were divided into groups of 8 by age and score on SPM.				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Guttman,R.				
TITLE				
Genetic analysis of analytical spatial ability: Raven's Progressive Matrices.				
JOURN_BOOK				
Behavior Genetics				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	3	273-284	GENET ITEM VALD MFSX SPM ISRAEL ASIA	-
ABSTRACT				
Midparent:child correlations of scores were zero for subtests A and B, 0.19 for C, 0.30 for D, 0.22 for E, and 0.41 for the total test score. Between-mate correlations ranged from zero to 0.30 on the different subtests. Full-sib intraclass correlations were 0.14, 0.09, 0.19, 0.18, 0.30 and 0.22; first-cousin correlations were lower but had the same relative order of size. In an analysis of the 36 individual items of subtest C, D and E correlations were found to increase with difficulty. Twelve items gave parent:offspring correlations of 0.2 and higher. Of these, one item, E-8 had a father:son, father:daughter, mother:son, mother:daughter correlational pattern in accordance with a hypothesis of X linkage.				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Jachuck,K. & Mohanti,K.				
TITLE				
Low socio-economic status and progressive retardation in skills - a test of cumulative deficit hypothesis.				
JOURN_BOOK				
Indian Journal of Mental Retardation				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	-	36-45	EDUC CLIN KIDS DFCT SCLS AGES SPM ASIA	E.C.
ABSTRACT				
The study was conducted to find out the effect of low SES on non- verbal reasoning and verbal ability as two forms of basic cognitive skill. A sample of 100 children from high and low SES and age groups were administered SPM and Stroop test. In both the age groups the high subjects had better performance than the low SES subjects. Greater differences were noticed between the SES groups at the higher age than at the lower . The obtained results supports the cumulative deficit hypothesis, showing that cognitive skill of the low SES child is progressively ly retarded whereas that of the high SES child develops at a faster speed.				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Karakas,Z.				
TITLE				
Munkahelyen onhibabol ismetelten balesetet szenvedo dolgojok pszichologiai vizsgalati tapasztalatia.				
JOURN_BOOK				
Ergonomia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	-	59-63	CLIN VOC SPM	C.
ABSTRACT				
Tested workers with high and low records of industrial accidents, finding no difference between groups on SPM.				
[Text in Hungarian]				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Lunge,A.				
TITLE				
An experimental investigation of the relationship between mental abilities and school achievement.				
JOURN_BOOK				
Studies in Psychology III; (Learned papers of the Tartu State University)				
VOLUME	SECTION	PAGES	CODES	INT_CODE
335	-	3-33	EDUC KIDS AGES CORR VALD SPM EURO	E.
ABSTRACT				
Studied the relationship between performance on SPM and grades o 1059 7-19 yr. old students from 39 classes in 9 schools. Low positive but significant correlations were established. Highest relationship was between Maths and SPM. Correlations were higher in lower classes and in rural schools than in upper classes and urban schools.				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
MacArthur,R.S.				
TITLE				
Construct validity of three New Guinea performance scale subtests Central Eskimo and Nsenga Africans.				
JOURN_BOOK				
In J.L.M. Dawson & W.J. Lonner (Eds.) Readings in Cross-Cultural Psychology. Hong Kong University Press				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP EDUC RACE AGES MFSX IQTS VALD FACT SPM NOAM AFRICA	A.E.
ABSTRACT				
Reports findings on Eskimo and Nsenga Africans related to ethnic- ity, age and sex on SPM and other tests in relation to Ord's New Guinea Performance scale results. Factor patterns are described.				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Mishra,C.				
TITLE				
Relationships of locus of control with Progressive Matrices, Rigidity, attitude towards science and religion.				
JOURN_BOOK				
Journal of Psychological Researches				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	2	57-59	ANTHROP PERS STUD SPM ASIA EDUC	A.
ABSTRACT				
The study reports inter alia, the administration of SPM to 60 internal locus of control students and 60 external students drawn from 3 high schools in Orissa. A non-significant positive correlation (+0.24) with internal locus (-0.16) was not significant.				

MATRICES YEAR				
SPM		1974		
AUTHOR				
Mohan,V. & Kumar,D.				
TITLE				
Performance of different personality groups on a timed version of Standard Progressive Matrices.				
JOURN_BOOK				
In B.Krishnan (Ed.) Studies in Psychology. Musore: Mysore University.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	19-26	CLIN PERS SPM ANTHROP ASIA	A.C.
ABSTRACT				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Mohan,V. & Malhotra,R.V.R.				
TITLE				
Intelligence, neuroticism and extraversion as related to learning with knowledge of results.				
JOURN_BOOK				
Indian Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
48	-	9-16	ANTHROP CLIN NEUR PERS ASIA KIDS MFSX SPM	A.
ABSTRACT				
Groups of school children,aged 11-14, equally divided by sex, were subdivided by personality type (introvert-extravert and stable-neurotic), and by three levels of intelligence, using SPM and the GIT. Then experiments with learning tone discrimination with knowledge of results were related to these independent variables. No conclusive results relating to intelligence levels were reached, though the dull group showed the highest acquisition rate.				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Morresey,M.C.				
TITLE				
Characteristics of test performance of nurse applicants.				
JOURN_BOOK				
Master's Qualifying Thesis, The Flinders University of South Australia.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	VOC WAIS SLCT STUD CORR SPM AUST	V.
ABSTRACT				
The purpose of the study was to investigate the characteristics of performance on verbal and non-verbal tests administered to a sample of nurse applicants for selection purposes at Hillcrest Hospital,including the Vocabulary subtest of WAIS and SPM. The small, positive, significant relationship found between verbal and non-verbal test results was lower than anticipated in comparison with findings reported in earlier studies. On a sample of successful applicants, the relationship between performance on the tests and later job performance was studied, using the criteria of examination success, absenteeism and tenure. No significant relationship was found between SPM and any of the criteria				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Nair,S.R.				
TITLE				
Intelligence and teacher effectiveness				
JOURN_BOOK				
Journal of Educational Research and Extension				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10	4	225-229	ANTHROP EDUC VOC STUD VALD CORR ASIA	A.E.V
ABSTRACT				
Studied the usefulness of an intellectual measure as a predictor of teacher effectiveness, using SPM with 25 minute time limit to evaluate 95 student teachers. A low positive correlation (+.25) with ratings of teaching ability suggests that intelligence level is not highly related to teaching ability.				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Pons,A.L.				
TITLE				
Administration of tests outside the cultures of their origins.				
JOURN_BOOK				
Paper delivered at 26th Annual Congress of S.A. Psychological Association, 1974 (Proceedings)				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	33	ANTHROP SPM AFRICA	-
ABSTRACT				
Reports the use of administration procedures with SPM designed to ensure adequate understanding of the required task by Black subjects with an alteration to the nature of the test itself, highly significant improvements are possible over results when culturally appropriate administration techniques have not been used.				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Poradnia,W.Z.				
TITLE				
J.C. Raven - Test Matryc. Wersja z roku 1938 zrewidowana przez autora w roku 1956. (Raven's Matrices test. The 1938 version revised by the author in 1956)				
JOURN_BOOK				
Warsaw.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	VOC EDUC VALD RELI CORR KIDS SPM EURO	V.E.
ABSTRACT				
Testing 408 students from grade 8. Results on SPM correlated with school marks and with retest on 176 students after 21 days. [Text in Polish]				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Rahm,D.				
TITLE				
The relationship between repressive educational attitudes and creativity.				
JOURN_BOOK				
Psychologie in Erziehung und Unterricht				
VOLUME	SECTION	PAGES	CODES	INT_CODE
21	5	259-269	EDUC KIDS CORR SPM EURO	E.
ABSTRACT				
134 children in 4th grade were given SPM and mothers completed a questionnaire on repressive educational tendencies. Torrance Tests of Creativity were given. 16 children with mothers answering strongly in the repressive direction were matched on sex, age, SPM and mother's education with 16 children having low repressiveness scores. A significant negative correlation was found between repression and originality. Significant positive correlations were found between repressiveness and age and intelligence but not with sex.				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Rao,S.				
TITLE				
Study of Ravens Progressive Matrices Test(1956).				
JOURN_BOOK				
Indian Educational Review				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	2	174-189	ANTHROP VALD CORR SPM ASIA	A.
ABSTRACT				
Reviews work done with SPM in Sri Venkateswara University. Results were as follows:(a) This is not a culture free test. (b)It can be used as a short test to save time. (c) It does not hold as much promise as an instrument for predicting scholastic achievement .(d)The correlation between this test and the Minnesota Paper Form Board Test (Form AA & BB) was low -.260 -.315.				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Rawlinson,R.B.				
TITLE				
A cross-cultural study of intelligence in Papua New Guinea and Tasmania.				
JOURN_BOOK				
New Guinea Psychologist				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	-	46	ANTHROP IQTS PGET WISC KIDS FACT MFSX SPM AUST	A.
ABSTRACT				
Using a modified version of P.E.Vernon's (1965) intelligence test battery to compare the cultural and environmental variables underlying the intelligence capabilities of 96 children 8-13 yrs. old, half from rural highland Papua New Guinea (PNG) and half from urban Tasmanian (TAS) schools. subjects were given 2 hrs. of individual testing, Koh's Block Design Test, SPM, the Seguin-God- dard Formboard, WISC (Arithmetic), Stanford-Binet Intelligence scale (Vocabulary), and several Piagetian tasks. The 14 tests used were submitted to principal factor component analysis for both the PNG and TAS samples. Common schooling maturational and analysis synthesis factors were found				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Roslund,B. & Larson,C.A.				
TITLE				
Mentally disturbed violent offenders in Sweden.				
JOURN_BOOK				
Neuropsychobiology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	-	221-232	CLIN CRIM PERS SPM EURO	C.
ABSTRACT				
Sixteen violent offenders with psychiatric disorders were examin- ed by interview and psychological testing, including SPM and a range of diagnostic and personality measures. Two subjects were found to be borderline defective, 11 average, and 3 above average in intelligence.				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Skanes,G.R., Sullivan, A.M., Rowe, E.J., & Shannon, E.				
TITLE				
Intelligence and Transfer: Aptitude by treatment interactions.				
JOURN_BOOK				
Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
66	4	563-568	EDUC KIDS IQTS SPM NOAM	E.
ABSTRACT				
SPM and Otis were administered to 2097 children in Grades 5-9 (ages 9-18) in 13 Newfoundland schools. Results were related to an investigation of Ss ability to learn to solve letter-series problems in the context of low or high transfer conditions. SPM was administered with a 30 minute time limit. For children with IQs estimated from SPM as less than 104, direct practice conditions yielded higher scores on the learning task; while for those higher than 133, the indirect practice proved superior. Results are discussed in terms of theoretical formulations of Ferguson, Cattell and Jensen.				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Sladen,C.D.				
TITLE				
Administration of tests outside the cultures of their origins.				
JOURN_BOOK				
Paper delivered at 26th Annual Congress of S.A. Psychological Association, 1974 (Proceedings)				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	33	ANTHROP SPM AFRICA	-
ABSTRACT				
Reports the use of administration procedures with SPM designed to ensure adequate understanding of the required task by Black subjects with an alteration to the nature of the test itself, highly significant improvements are possible over results when culturally appropriate administration techniques have not been used.				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Szegedi,M.				
TITLE				
A Raven-fele intelligencia teszt ervenyessegenek statisztikai vizsgalata a hazai szuroproba tukreben.(Examination of the statistical validity of SPM using a Hungarian random sampling)				
JOURN_BOOK				
Magyar Pszichologiai Szemle				
VOLUME	SECTION	PAGES	CODES	INT_CODE
31	2	194-201	CRIT VALD AGES MFSX SPM EURO	-
ABSTRACT				
SPM was administered to 300 residents of Budapest, aged 15-60 yrs The sample was selected to be representative of Budapest and an integral part of the national representative sample. Sex differences were not significant. The test discriminated effectively within the average range and below but not in the upper range. The distribution of solutions suggests a need for re-ordering. A marked decline in performance was found in sub- jects over 50. [Text in Hungarian: Summaries in Russian and English]				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Vasudeva,P. & Verma,P.				
TITLE				
Sociometric status as related to achievement,anxiety and intelligence.				
JOURN_BOOK				
Journal of Psychological Researches				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	3	93-95	ANTHROP EDUC CORR PERS STUD SPM ASIA	A.E.
ABSTRACT				
Assessed 100 girls of 9th class in a Government Higher Secondary School in Chandigarh. Sociometric status, anxiety and performance on SPM were compared. A significant correlation (+0.33) was found between SPM and sociometric status in studies, but for games no significance was found (-0.16).				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Vincent,K.R. & Cox,J.A.				
TITLE				
A re-evaluation of Raven's Standard Progressive Matrices.				
JOURN_BOOK				
The Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
88	-	299-303	CRIT EDUC VALD CORR RACE WAIS IQTS SPM NOAM	E.
ABSTRACT				
The utility of Raven's SPM as a measure of intelligence (IQ) was studied. SPM was administered to 380 Vocational Rehabilitation applicants and correlated with selected variables and IQ measures The results indicate that use of SPM 1948 British norms on U.S. Vocational Rehabilitation and general population is a viable pro- cedure where there is no need for IQ accuracy over 120. SPM did show a ceiling of about IQ 120. Construct validity was reinforced by correlations of SPM with other standard IQ measures. SPM shows the same race effect as is found regularly, the white mean is higher than the black mean, and is related to number of years education.				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Watson,C.G. & Klett,W.G.				
TITLE				
Are non-verbal IQ tests adequate substitutes for the WAIS ?				
JOURN_BOOK				
Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
30	1	55-57	CLIN IQTS WAIS PSAT CORR VALD SPM NOAM	C.
ABSTRACT				
Compared the relationships between 4 short nonverbal IQ tests- SPM, The Porteus Maze Test, The Cattell Culture Fair Intelligence test, and the D48 Test -with the WAIS in a sample of 120 psychiatric patients. The Porteus correlations with the WAIS were quite low. The correlations of the other three tests with the WAIS were higher and similar in magnitude . However, a comparison of the present data with correlations between the WAIS and several short verbal achievement tests in a previous study that used a similar sample indicates that the latter are much better WAIS predictors than the nonverbal tests.				

MATRICES		YEAR		
SPM		1974		
AUTHOR				
Wurst,E.				
TITLE				
Studies of the development of visual perception.				
JOURN_BOOK				
Zeitschrift fur Klinische Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	-	261-270	CLIN IQTS KIDS SPM EURO	C.
ABSTRACT				

MATRICES		YEAR		
SPM		1973		
AUTHOR				
Alonso,O.S.				
TITLE				
Raven, factor 'g',edad y escolaridad. [Raven, 'g' factor, age and school level].				
JOURN_BOOK				
Havana Hospital Psiquiatrico Revista				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	1	60-77	ANTHROP NORM MFSX CORR VALD SPM SCAM	A.
ABSTRACT				
Reports normative data from a Cuban study of school and pre univ- ersity students, aged 12-20. No significant sex differences were found. The SPM discriminated most effectively in relation to level of schooling, and correlated significantly with performance on Maths and Spanish tests. The normative tables derived for Camagueya agree in general with Argentinian data from Cordoba, & English norms, though with certain discrepancies in the lower percentiles. [Text in Spanish: Summary in English]				

MATRICES		YEAR		
SPM		1973		
AUTHOR				
Baraheni,M.N.				
TITLE				
Preliminary norms on Raven's Progressive Matrices test for Iranian children.				
JOURN_BOOK				
Iranian Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	-	205-221	ANTHROP EDUC TIME KIDS NORM SPM ASIA	A.E.N.
ABSTRACT				
Standard scores reported for ages 9-18 on the basis of data from 1,624 girls and 1,386 boys attending Teheran schools.				[Text in Persian]

MATRICES		YEAR		
SPM		1973		
AUTHOR				
Belmont,L. & Marolla,F.A.				
TITLE				
Birth order, family size and intelligence.				
JOURN_BOOK				
Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
182	-	1096-1101	GENET SCLS SPM EURO	-
ABSTRACT				
The relation of birth order and family size to intellectual performance (SPM) was examined among nearly all of 400,000 19 yr. old males born in the Netherlands between 1944 and 1947. There was an inverse relation between family size and score on SPM: so, too, as birth order position became greater, the level of ability declined. In general, birth order and family size had separate effects on intellectual performance. When effects of family size were examined within three social groups,the findings were not uniform. The effects were strongest in the manual group and less marked in the nonmanual group.				

MATRICES		YEAR		
SPM		1973		
AUTHOR				
Bock,R.D.				
TITLE				
Word and Image: Sources of the verbal and spatial factors in mental test scores.				
JOURN_BOOK				
Psychometrika				
VOLUME	SECTION	PAGES	CODES	INT_CODE
38	4	437-457	CRIT VERB ITEM SPM NOAM	-
ABSTRACT				
Presents a discussion of the strategies used to solve problems in tests such as PMA and SPM. Argues for a high level of verbalisation in generating correct responses to SPM, based on recognition by naming of classification principles and arrange- ment of features. Considers that Ss whose education has included explicit study of such formal relations are advantaged on SPM.				

MATRICES		YEAR		
SPM		1973		
AUTHOR				
Bolton,B.				
TITLE				
An alternative solution for the factor analysis of communication skills and non-verbal abilities of deaf clients.				
JOURN_BOOK				
Educational and Psychological Measurement				
VOLUME	SECTION	PAGES	CODES	INT_CODE
33	-	459-463	CLIN PHYS DEAF FACT VALD SPM NOAM	C.
ABSTRACT				
Using data from 192 profoundly deaf adults, median age 20 years, results on SPM, Revised Beta and Minnesota Paper Form Board tests were factor analysed. All SPM sub-tests loaded highly on the first (non-verbal reasoning) factor - ranging from 0.66 to 0.83.				

MATRICES		YEAR		
SPM		1973		
AUTHOR				
Heron,A. & Dowel,W.				
TITLE				
Weight-conservation and matrix-solving ability in Papuan children				
JOURN_BOOK				
Journal of Cross-Cultural Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	2	207-219	ANTHROP PGET KIDS SPM AUST	A.
ABSTRACT				
This investigation had two purposes: first to obtain data in a different cultural setting from previous work in Zambia concern- ing the ability of children to conserve weight at the point of transition from primary to secondary education: second, to expl- ore by quasi-experimental means the relationship between perform- ance on reasoning tasks of the kind employed in nonverbal psycho- metric tests and the presence or absence of ability to conserve weight. 55 boys and 54 girls, ages 10-16 were tested. Nonverbal testing included SPM				

MATRICES		YEAR		
SPM		1973		
AUTHOR				
Hunyady,H.				
TITLE				
Viznomotoros es alakintegracios teljesitmeny osszefuggese Bender- es Raven-tesztek alapjan.				
JOURN_BOOK				
Magyar Pszichologiai Szemle				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	-	590-597	EDUC KIDS CORR SPM EURO	E.
ABSTRACT				
Compared the performance of 9-14 yr olds on SPM and Bender, finding 50% correspondence between items.				
[Text in Hungarian]				

MATRICES		YEAR		
SPM		1973		
AUTHOR				
Jarecke,W.H.				
TITLE				
Identifying the vocational potential of a disadvantaged population.				
JOURN_BOOK				
Vocational Evaluation and Work Adjustment Bulletin				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	-	29-32	VOC SLCT SPM NOAM	V.
ABSTRACT				
-				

MATRICES		YEAR		
SPM		1973		
AUTHOR				
Macarthur,R.				
TITLE				
Some ability Patterns: Central Eskimos and Nsenga Africans.				
JOURN_BOOK				
International Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	-	239-247	ANTHROP EDUC KIDS AGES RACE FACT VALD IQTS SPM NOAM AFRICA	A.E.
ABSTRACT				
A comparison of ability tests, including SPM performance, with Canadian Eskimos and Nsenga Africans indicates that patterns of abilities vary considerably from culture to culture. Hence close attention to construct validity in cross-cultural testing is needed. Factors analyses are reported showing that for Eskimos inductive reasoning was important in solving SPM, while for the Nsenga, subtests loaded on field independence and vied for adolescents, and scattered across factors for younger subjects. [Text in English; Summary in French]				

MATRICES		YEAR		
SPM		1973		
AUTHOR				
Mohan,V. & Kumar,D.				
TITLE				
Qualitative analysis of the performance of introverts and extraverts on Standard Progressive Matrices.				
JOURN_BOOK				
Paper read to the Indian Science Congress, Chandigarh, subsequently published in the British Journal of Psychiatry.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
67		391-397	EDUC STUD PERS MFSX SPM ANTHROP ASIA CLIN	E.A.
ABSTRACT				
Differences between introverts and extraverts were tested with individual administration of SPM to 100 subjects, aged 18-25 years. Time taken to complete the test was recorded. An initial superiority for extraverts was found, but with the passage of time and increase in difficulty level the introverts gained significantly. Findings were interpreted in terms of arousal, cortical excitation and reactive inhibition. Equal numbers of both sexes were tested but no sex differences are reported.				

MATRICES		YEAR		
SPM		1973		
AUTHOR				
Paitich,D.				
TITLE				
Computers in behavioural science: A comprehensive automated psychological examination and report (CAPER).				
JOURN_BOOK				
Behavioral Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	-	131-136	CLIN AUTO PERS WAIS SPM NOAM	-
ABSTRACT				
A program is described that generates psychological reports automatically for a battery of standard measures of intelligence and personality in adults. Problems are encountered in the programming of a battery of tests that are not present in the single test automated systems that are available. The standard measures include SPM, MMPI, and 16PF as measures of nonverbal intelligence, psychopathology and personality traits, respectively. Newly developed measures also are included, namely, a multiple choice version of the WAIS vocabulary subtest, a questionnaire dealing with family interaction, and a sexual history questionnaire.				

MATRICES		YEAR		
SPM		1973		
AUTHOR				
Poitrenaud,J. and Barrere,H.				
TITLE				
Value of psychometric tests in the prognosis of reduced intell- ectual capacity in geriatric patients.				
JOURN_BOOK				
Revue de Psychologie Appliquee.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23	-	185-196	CLIN VALD PSAT SPM EURO	C.
ABSTRACT				
Describes results obtained with an initial series of 61 patients in 1966-7, tested for differential diagnostic purposes and followed up in 1971-2. Five tests were used, including SPM, and their predictive valid- ity assessed. At retest only 45 patients completed SPM. A relatively low validity arose due to a high false negative. [Text in French].				

MATRICES		YEAR		
SPM		1973		
AUTHOR				
Risberg,J. & Ingvar,D.H.				
TITLE				
Patterns of activation in the grey matter of the dominant hemisphere during memorization and reasoning.				
JOURN_BOOK				
Brain				
VOLUME	SECTION	PAGES	CODES	INT_CODE
96	-	737-756	CLIN NUSY EEGM BRDM SPM EURO	C.
ABSTRACT				
Studied regional cerebral blood flow (rCBF) changes during psychological testing in a group of neurologically normal patients. In 2 of the 17 subjects, parallel versions of SPM were given during two of the rCBF measurements. Reproducibility of an initial blood flow index was good and indications on the second occasion of testing that adaptation or learning had occurred.				

MATRICES		YEAR		
SPM		1973		
AUTHOR				
Strzyzewski,S.				
TITLE				
Młodzież bydgoskich szkół podstawowych w świetle testu Progressive Matrices J.C. Ravena. [Children of Bydgoszcz elementary schools in the light of Raven's Progressive Matrices test].				
JOURN_BOOK				
Przegląd Psychologiczny				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	-	61-70	EDUC ANTHROP KIDS NORM MFSX SPM EURO	E.A.
ABSTRACT				
Testing 2818 children aged 8.5 -15.5, providing norms for both sexes on SPM with a 30 minute time limit. [Text in Polish]				

MATRICES		YEAR		
SPM		1973		
AUTHOR				
Sutker,P.B. & Moan C.E.				
TITLE				
Prediction of socially maladaptive behaviour within a state prison system.				
JOURN_BOOK				
Journal of Community Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	-	74-78	CLIN PERS CORR CRIM WAIS SPM NOAM	-
ABSTRACT				
To identify those psychological measures predictive of non- conforming and delinquent behaviour in a prison setting, a battery of tests including MMPI, WAIS and SPM was given to 104 male inmates selected as high or low frequency disciplinary cases. The number of behavioural infractions was negatively correlated with SPM scores (p<.01).				

MATRICES		YEAR		
SPM		1973		
AUTHOR				
Sutker,P.B. & Moan C.E.				
TITLE				
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JOURN_BOOK				
Journal of Community Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	-	74-78	CLIN PERS CORR CRIM WAIS SPM NOAM	-
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MATRICES		YEAR		
SPM		1973		
AUTHOR				
Valseschini,S. & Delton,F.				
TITLE				
Le Matrici Progressive di Raven.				
JOURN_BOOK				
Universiti di Milano, Edizioni Firenze				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC NORM MFSX ITEM SPM EURO	E.
ABSTRACT				
A book of normative data for SPM based on an Italian sample of 1123 subjects, aged 11-60 (990 males, 133 females) and subdivided according to levels of academic achievement. Item analyses are also reported.				

MATRICES		YEAR		
SPM		1973		
AUTHOR				
Vancraeynest,G.				
TITLE				
Contribution du Matrix 56 aux diagnostic de rigidite mentale chez les malades deprimees.				
JOURN_BOOK				
Thesis, Catholic University of Louvain				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CLIN PSAT AGES ITEM VALD SPM EURO	C.
ABSTRACT				
Proposes the view that patients suffering from depressive illness can to varying degrees be characterised by conceptual rigidity, and examines this in relation to performance on SPM. A sample of 30 female subjects, diagnosed as neurotic or psychotic depress- ives, was aged between 60 and 80 yrs. Only items from sets A-D were administered. Analysis of success and errors is reported, together with re-test data obtained after about one month.				

MATRICES YEAR				
SPM		1973		
AUTHOR				
Verkedy,I.				
TITLE				
Intelligencia vizsgalatok szervezoi munkakorben.				
JOURN_BOOK				
Ergonomia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	-	91-99	VOC VALD SPM EURO	V.
ABSTRACT				
Used SPM to test the suitability of industrial organisers and found the test valid for the purpose. [Text in Hungarian]				

MATRICES YEAR				
SPM	1973			
AUTHOR				
Verkedy,I.				
TITLE				
Az Eysenck-fele intelligencia - vizsgalat magyaroszag i kiprob- alasa es osszehasonlito elemzese.				
JOURN_BOOK				
Magyar Pszichologiai Szemle				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	-	657-662	ANTHROP VALD CORR WAIS IQTS SPM EURO	A.
ABSTRACT				
A correlational study found no significant relationship between SPM and WAIS, and a low correlation with Eysenck's 'Know your own IQ' scales of 1962. [Text in Hungarian]				

MATRICES		YEAR		
SPM		1973		
AUTHOR				
Ward,J. & Fitzpatrick,T.F.				
TITLE				
Characteristics of Matrices items.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
36	-	987-993	CRIT ITEM THEO SPM UK	-
ABSTRACT				
The author examined a large number of matrix items in order to draw up a rationale for item writing, and the results of this analysis are reported. The exercise led to an awareness of the potentialities of the format and to the generation of many new items. It is anticipated that this rough 'taxonomy' will be of interest to users of SPM and similar tests particularly to those engaged in the construction of cognitive measures.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Abul-Hubb,D.				
TITLE				
Application of Progressive Matrices in Iraq.				
JOURN_BOOK				
Chap. 24 in Cronbach,L.J.C. and Erenth,P.J.D. Mental Tests and Cultural Adaptation The Hague; Mouton				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	233-235	ANTHROP NORM SPM ASIA	A
ABSTRACT				
Reports preliminary standardisation data for SPM as a procedure recently introduced in Iraq. With a sample of 1389 Ss aged 13-35, individually-administered test results are compared with Raven's norms. At age 14-17 the lower half of the Iraqi sample performed less well than the original group. There was close comparability for ages 18-27,while in the 32-35 group all percentile points of the Iraqi sample are higher.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Alcorn,C.L. & Nicholson,C.L.				
TITLE				
Validity of the Slosson Drawing Coordination Tests with adolescents of below-average ability.				
JOURN_BOOK				
Perceptual Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
34	1	261-262	EDUC KIDS DFCT WISC WAIS RACE SPM NOAM	E.
ABSTRACT				
114 black and white 14-19 yr-olds with IQ's below 90 were given the Slosson, WISC or WAIS, Benton and SPM.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Bartlett,D.P., Newbrough,J.R. & Tulkin,S.R.				
TITLE				
Raven Progressive Matrices: An item and set analysis of subjects grouped by race, sex and social class.				
JOURN_BOOK				
Journal of Consulting and Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
38	1	154	CRIT KIDS ITEM RACE MFSX SCLS SPM NOAM	-
ABSTRACT				
Asks whether SPM is progressively more difficult across all items whether each set has an internal and increasing order of diffi- culty. And whether the sets themselves are arranged in order of difficulty. Also whether response patterns are characteristic of certain groups. 356 fifth and sixth grade students were subdivid- ed by age, race and social class.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Claeys,W.				
TITLE				
The factor structure of intelligence among teachers in the Congo.				
JOURN_BOOK				
In Cronbach,L.J.C. and Erenth,P.J.D. Mental tests and Cultural Adaptation. The Hague. Mouton				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	43	381-390	ANTHROP FACT IQTS VALD SPM AFRICA	A.
ABSTRACT				
A battery of aptitude and achievement tests was administered to 101 Congolese first grade teachers. Results were factor analysed in order to identify the main dimensions. SPM loaded highly on one factor, identified as 'perception of relations' and related to Cattell's "Crystallized intelligence".				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Deegener,G. & Dony, M.				
TITLE				
Untersuchung zur Ubereinstimmung zwishchen Hawik und Raven-Test bei hirngeschadigten und hirngesunden Kindern.				
JOURN_BOOK				
Heilpadagogische Forschung				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	2	-	CLIN KIDS CPM EURO SPM IQTS WISC CORR VALD	C
ABSTRACT				
Describes the use of SPM and CPM with children in a psychiatric hospital setting, some with organic disorders and some without. Compares CPM/SPM performance with the HAWIK (German WISC) and reports correlations around .7 between these. [Text in German]				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Deo,P. & Gupta,A.K.				
TITLE				
A comparison of the criteria for identifying over and underachievers.				
JOURN_BOOK				
Indian Educational Review				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	1	153-167	EDUC KIDS IQTS VALD SPM ASIA	E.
ABSTRACT				
Examined identification procedures of over- and underachievers to establish agreement between different methods of identification and verbal and nonverbal tests of intelligence. 42 boys and 17 girls from grade 8 served as subjects. Aggregate marks of important subjects over 3 examinations were used as the achievement score. IQ was determined by using Mehta's group intelligence test and SPM. Merits of T score, regression weights, percentiles, teacher's ratings, and identification by teachers are noted. Different criteria using the same achievement score and intelligence score did not show a very high correspondence of students as over- and underachievers.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Flores,M.B. & Evans,G.T.				
TITLE				
Some differences in cognitive abilities between selected Canadian and Filipino students.				
JOURN_BOOK				
Multivariate Behavioral Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	175-191	ANTHROP EDUC FACT KIDS IQTS SPM NOAM ASIA	A.E.
ABSTRACT				
A study designed to compare profiles of mean performances and relationships between performances on cognitive tasks in groups of children with similar educational experience. SPM,PMA and selected tests from the ETS kit were used with 219 students from grades 6 and 8 in Ontario, Canada, and 203 students from Manila, Philippines, also from grades 6 and 8. Factor matrices were derived with rotated factor loadings for the SPM being 47 and 58(grade 6) and 49 and 50 (grade 8).				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Garito,P.J.				
TITLE				
Information processing in children: an extension of the applicability of Jensen's dual-process theory of intelligence.				
JOURN_BOOK				
Dissertation Abstracts				
VOLUME	SECTION	PAGES	CODES	INT_CODE
33	6-B	2807-2808	EDUC KIDS SPM NOAM	E.
ABSTRACT				
This work sought to extend the application of Jensen's two-level theory of intelligence to non-verbal tasks. Performance on digit span and SPM was correlated with levels of stimulus uncertainty in which judgements were made, and with a choice RT task with two levels of S-R compatability. Subjects were fourth grade white children, equated for status, age and sex. The data provided no support for the generalisation of level II ability to the choice RT task.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Jacobs,P.I. & Vandeventer,M.				
TITLE				
Evaluating the teaching of intelligence.				
JOURN_BOOK				
Educational and Psychological Measurement				
VOLUME	SECTION	PAGES	CODES	INT_CODE
32	2	235-248	EDUC THEO SPM NOAM	E.
ABSTRACT				
The cognition of figural relations (CFR) is examined in the context of intelligence testing. It is argued that 12 fundamental relationships exist and could be taught. The relationships lead to the possibility of 66 pairs. SPM and Lorge-Thorndike are analysed for the frequency with which such pairs are tested. Within Sets B-E, 20 of the 66 pairs are involved. With the Lorge- Thorndike, 14 pairs are involved.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Jones,P.A.				
TITLE				
Home Environment and the development of verbal ability.				
JOURN_BOOK				
Child Development				
VOLUME	SECTION	PAGES	CODES	INT_CODE
43	-	1081-1086	EDUC KIDS WISC SPM NOAM	E.
ABSTRACT				
Grade 5 boys (ages 10-12) were matched for performance on SPM and differentiated by scores on 3 WISC sub-scales into high and low verbal ability subjects. Home environment measures were derived from parent interviews. High verbal boys compared with low verbal boys were found to be from homes where parents (1) have a higher interaction index (2) have higher academic and vocational aspirations (3) have provided more opportunities for the use and development of language, and (4) have higher occupational status.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Koppen-Thulesius,L.K. and Teichmann,H.				
TITLE				
Accelerative trends in intellectual development.				
JOURN_BOOK				
British Journal of Social and Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
11	-	284-294	CRIT IQTS WAIS SPM EURO	-
ABSTRACT				
Evidence is presented from various studies to support the view that there has been an improvement in intellectual performance over several generations comparable to that seen in physical development. The average scores on the WAIS, SPM and Army Alpha show increases compared with standardisations from different generations.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Koppen-Thulesius,L.K. and Teichmann,H.				
TITLE				
Accelerative trends in intellectual development.				
JOURN_BOOK				
British Journal of Social and Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
11	-	284-294	CRIT IQTS WAIS SPM EURO	-
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MATRICES		YEAR		
SPM		1972		
AUTHOR				
Kostolansky,R.				
TITLE				
Some relationships of age parameters (chronological and psychological) to cognitive load in engine drivers.				
JOURN_BOOK				
Ceskoslovenska Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
16	-	132-139	VOC AGES FACT CORR SPM EURO	V.
ABSTRACT				
A factorial study of 12 drivers of electric train engines using six physiological indices and eleven laboratory measures, to examine relationships between performance and work experience. SPM was among the measures used.				
[Text in Czech : Summary in English] - - - - -				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Levi,M. and Seborg,M.				
TITLE				
The studies of IQ scores on verbal vs nonverbal tests and vs academic achievement among women drug addicts from different racial and ethnic groups.				
JOURN_BOOK				
International Journal of the Addictions.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	3	581-584	CLIN IQTS DRUG RACE SPM NOAM	C.
ABSTRACT				
Administered the revised Army Alpha Examination, SPM, and California Achievement Tests to 200 white, 67 Mexican and 68 black women in a state institution for women drug addicts. An additional group of 79 illiterates (14 white, 28 black and 37 Mexican) were given the revised Army Beta Examination and SPM. Whites scored higher on all three measures than the other two groups. Alpha scores predicted achievement better than SPM. The revised Alpha did not appear to reliably measure the IQ of the Blacks and Mexicans who did much better on the nonverbal tests. However Blacks and Mexicans scored significantly lower than the Whites even on the nonverbal tests, suggesting a				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Liebel,H.				
TITLE				
Analyse der Beziehungen zwischen Merkmalen der Holtzmann Inkblot Technique, Intelligenzkrierien und Massen der Sozialabilitat.				
JOURN_BOOK				
Ph.D. Thesis, Bamberg				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CLIN PERS SPM EURO	C.
ABSTRACT				
Reports the result of givng the Holtzmann and SPM to 50 subjects in the age range 15-18 years.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Long,F.Y.				
TITLE				
Note on psychological services in Singapore.				
JOURN_BOOK				
Australian Psychologist				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	3	215-219	ANTHROP SLCT NORM SPM ASIA	A.
ABSTRACT				
The author reports that SPM has been found useful in Singapore and that research is underway to standardise SPM and the Eysenck Personality Inventory for use with the local population and where possible, make crosscultural comparisons.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Meichenbaum,D.				
TITLE				
Cognitive modification of test anxious college students.				
JOURN_BOOK				
Journal of Consulting and Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
39		370-380	EDUC STUD NOAM PERS SPM CLIN	C.E
ABSTRACT				
Investigated the effectiveness of a group cognitive modification procedure, group desensitization and a control group for reducing test anxiety. Positive treatment effects were found, except for performance on 18 items from SPM, which were administered before and after interventions with a 10 minute time limit (scores ranged from 11-16).				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Mohan,V.				
TITLE				
Raven's Standard Progressive Matrices and a verbal test of General Mental Ability.				
JOURN_BOOK				
Journal of Psychological Researches				
VOLUME	SECTION	PAGES	CODES	INT_CODE
16	2	67-69	VALD MFSX STUD CORR EDUC SPM ANTHROP ASIA	A.E
ABSTRACT				
The Standard Progressive Matrices (SPM) and General Mental Ability (GMA) test were administered to 310 college students of both the sexes. The results confirm the hypothesis that verbal and non-verbal tests of intelligence yield a high positive correlation. Significant sex differences favouring the male subjects were also obtained on both SPM and GMA.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Mohan,V. -				
TITLE				
Raven's Standard Progressive Matrices and verbal test of general mental ability.				
JOURN_BOOK				
Journal of Psychological Researches				
VOLUME	SECTION	PAGES	CODES	INT_CODE
16	-	67-69	ANTHROP SPM ASIA CORR VALD IQTS MFSX STUD	A
ABSTRACT				
SPM and GMA were given to 310 Indian students, ages 18-25,of both sexes. Results showed the verbal and non-verbal tests to be highly correlated (.654) and mean scores on SPM corresponded to the 50th percentile on norms. Significant sex differences favouring males are reported, for both tests.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Mohan,V. & Nehru,K.				
TITLE				
Differentiation of over and under achievers on 16PF.				
JOURN_BOOK				
Psychological Studies				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17	2	51-55	EDUC STUD PERS SPM ANTHROP ASIA	E.
ABSTRACT				
The investigation was undertaken to study the personality in terms of Cattell's 16PF of the under and over achievers, half of each sex, were selected on the basis of their scores on SPM and examination scores. The under achievers were found to score significantly higher on general intelligence, emotional stability dominance and premsia. The over achievers scored significantly higher on super-ego strength, shrewdness, radicalism, self sentiment and ergic tension. Sex differences were also obtained on 8 factors.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Mohan,V. & Suri,U.				
TITLE				
A comparative study of the effect of personality on performance of the normal and mentally retarded children.				
JOURN_BOOK				
Indian Journal of Mental Retardation				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	-	18-24	CLIN MFSX DFCT PERS SPM ANTHROP ASIA	C.A.
ABSTRACT				
The investigation undertook to guage the effect of normal and retarded intelligence, neuroticism and extraversion on maze learning. Fifty four children,sub divided into two groups of intelligence, four personality and two sexes yielded two measures of learning, viz., trials taken and errors committed. The results showed that retarded were significantly inferior on both measures to normal subjects. Personality had no effect on maze learning for either group. Girls were superior to boys though the differences were not significant.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1972		
<i>AUTHOR</i>				
Moran,R.E.				
<i>TITLE</i>				
Progressive Matrices and the educationally disadvantaged.				
<i>JOURN_BOOK</i>				
Mental Retardation				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
10	3	9	EDUC IQTS CORR KIDS DFCT SPM UK	E.
<i>ABSTRACT</i>				
An abbreviated account of a 1960 paper which found disadvantaged children tend to score higher on SPM than on Stanford-Binet, and consequently recommends teaching for such which emphasises spatial and perceptual more than visual material.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Passi,B.K. and Singh,R.				
TITLE				
Effect of intelligence and anxiety upon serial learning in relation to associational and difficulty level of learning task.				
JOURN_BOOK				
Indian Journal of Psychometry and Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	1,2	1-8	ANTHROP EDUC SPM PERS ASIA	A.E.
ABSTRACT				
A study of the influences on learning nonsense syllables, with measures of anxiety and intellectual level (SPM). Using 4-way ANOVA, found that SPM, anxiety and the interaction CPM X Anxiety X Association X Difficulty have significant effects. Ss were 86 boys and 34 girls in Grade 9 in Punjabi schools.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Persaud,G.				
TITLE				
The performance of two samples of primary school children on two culture-free and two culture-bound intelligence tests.				
JOURN_BOOK				
Report of the Institute of Applied Psychology, University of Stockholm.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	-	-	GENET IQTS KIDS SCLS CORR VALD SPM EURO	G
ABSTRACT				
Two samples of primary school children (N=32), denoted P and K respectively, served as subjects in an experiment in which two culture free (IPAT and SPM) and two culture bound intelligence tests were used. The samples differed only on the variables, surroundings, socioeconomic status, and the educational levels of the parents; the P sample represented the better of the two using the above variables as criteria. In three out of the four in- telligence tests, statistically significant intersample mean differences were found in favour of the P sample. With SPM no significant difference between samples was found. Differences between inter test correlation coefficients in each sample varied				

MATRICES YEAR				
SPM		1972		
AUTHOR				
Pezzullo,T.R., Thorsen, E.E., and Madaus, G.F.				
TITLE				
The heritability of Jensen's Level I and II and divergent thinking.				
JOURN_BOOK				
American Educational Research Journal				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	4	539-546	GENET THEO CORR SPM NOAM	-
ABSTRACT				
The theoretical relationship between Jensen's Level I and II abilities was investigated with SPM serving as the criterion Level II test. 37 pairs of fraternal twins and 28 pairs of identical twins were tested. Within-pairs variance for DZ was 96.39, for MZ 14.05, giving an Index of Heritability of .854 which agrees quite closely with Jensen's projected value of .80.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Pssisi,B.K. and Singh, R.				
TITLE				
Effect of intelligence and anxiety upon serial learning in relation to associational and difficulty level of learning task.				
JOURN_BOOK				
Indian Journal of Psychometry and Education.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	-	1-8	EDUC PERS SPM ANTHROP ASIA	E.A.
ABSTRACT				
In a study of learning of nonsense syllables (NSS) with sixty grade 9 boys and girls, intelligence level assessed by SPM was positively related to NSS learning. An interaction of intelligence x anxiety and association x difficulty was also found.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Rao,S.N. & Reddy,A.V.				
TITLE				
Can Raven's Progressive Matrices Test be shortened?				
JOURN_BOOK				
Psychological Studies				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17	1	7-10	ANTHROP RELI CORR SPM ASIA KIDS EDUC	A
ABSTRACT				
Explored ways of administering SPM in schools where time can be a problem, by comparing its use as a power test vs a timed test, and using either even-half or odd-half to replace the whole. Concluded there are difficulties of reliability in timed administrations. Using either series of alternate items yielded very high reliability coefficients (between .92 and .94)				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Rauchfleisch,U. & Rauchfleisch-Malisius,R.				
TITLE				
Beziehung zwischen dem Progressiven Matrizen-test von RAVEN und dem Hamburg-Wechsler-Intelligenztest für Erwachsene. [Relation- ship between SPM and the Hamburg WISC]				
JOURN_BOOK				
Praxis der Kinderpsychologie und Kinderpsychiatrie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
21	2	54-58	CLIN EDUC KIDS VALD WAIS CORR SPM EURO	C.E.
ABSTRACT				
Gives correlations between a German form of the WAIS and SPM for 186 behaviourally disturbed boys and girls, aged 14-19 yrs. SPM correlated .58 with both Verbal and Performance WAIS, but correlations with sub-tests range from .29 to .63. suggesting that SPM taps primarily non-verbal intelligence and may therefore be more useful than the WAIS for prediction with such a population.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Silvey,J.				
TITLE				
Long-range Predictions of Educability and its determinants in East Africa.				
JOURN_BOOK				
In Cronbach,L.J.C. and Erenth,P.J.D. (Eds.) Mental Tests and Cultural Adaptation. The Hague. Mouton				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	42	371-378	ANTHROP EDUC CORR VALD SPM AFRICA	A.E.
ABSTRACT				
Reports on relationships between school performance, SPM and NIPR Mental Alertness tests with a sample of East African school children at grades 8,9 and 12. SPM had low correlations with school performance.It is noted that while non-verbal matrix tests measure independent resourceful thinking, East African schools reinforce passivity.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1972		
<i>AUTHOR</i>				
Stein,Z., Susser, M., Saenger, G., & Marolla, F.				
<i>TITLE</i>				
Nutrition and Mental Performance.				
<i>JOURN_BOOK</i>				
Science				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
178	-	708-713	OTHER PHYS SCLS SPM EURO	-
<i>ABSTRACT</i>				
A Dutch study of 125,000 males born in selected famine and control cities between 1944 and 1946 to determine whether prenatal exposure to famine had an affect on mental performace at 19. 20,000 of the sample were inferred to have been so exposed to famine. SPM records were available for 90% of the group. Concluded that starvation during pregnancy and no detectable effects on the adult mental performance of surviving male offspring: the association of social class with mental performance was strong.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Stein,Z., Susser, M., Saenger, G., & Marolla, F.				
TITLE				
Intelligence test result of individuals exposed during gestation to the World War II famine in the Netherlands.				
JOURN_BOOK				
Tijdschrift voor Sociale Geneeskunde.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
21	-	766-774	GENET SCLS PHYS SPM EURO	-
ABSTRACT				
The effects on mental performance of intrauterine exposure to maternal starvation were studied in a national cohort of 125,000 young men. Cohorts born in Western cities during the famine were compared with those born in the same cities before and after the famine, and with those born in cities not exposed to the famine. The results indicated that no differences in average intelligence test scores (using SPM) could be found 18 years later. A strong association was found between SPM performance and social background.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1972		
<i>AUTHOR</i>				
Van Dongen,H.R. & Van Harskamp,F.				
<i>TITLE</i>				
The Token Test: a preliminary evaluation of a method to detect aphasia.				
<i>JOURN_BOOK</i>				
Psychiatria, Neurologia, Neurochirurgia				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
75	-	1290-1340	CLIN BRDM VERB SPM EURO	C.
<i>ABSTRACT</i>				
The TT and SPM were administered to 168 neurological and neuro- surgical patients. The TT appeared to discriminate satisfactorily between non-aphasic and aphasic brain-damaged patients. A definite influence of intelligence on the TT was demonstrated.				

MATRICES	YEAR			
SPM	1972			
AUTHOR				
Van Dongen,H.R., Luteijn,F. & Van Harskamp,F.				
TITLE				
De vergelijkbaarheid van een W.A.I.S.-, een Verkorte G.I.T. -en een Raven I.Q. in een neurologische patientengroep.				
JOURN_BOOK				
Nederlands Tijdschrift voor de Psychologie en haar Grensgebieden				
VOLUME	SECTION	PAGES	CODES	INT_CODE
27	10	631-641	CLIN CORR IQTS WAIS BRDM VALD SPM EURO	C.
ABSTRACT				
The results of this study, based on a group of neurological patients indicate that for individual application the SPM, the full scale W.A.I.S.- and a short form G.I.T. I.Q. cannot be sufficiently predicted from each other, even if many neurological and some biographical variables are included in the predictions.It is probable that these intelli- gence tests are too different from each other to consider the resultant IQs in the practical sense as equivalent.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Williams,J.D.				
TITLE				
Modern mathematics, intelligence and basic conceptual skills.				
JOURN_BOOK				
Journal of Structural Learning				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	2	79-88	EDUC ITEM KIDS IQTS SPM	E.
ABSTRACT				
A report which compares the performance of 362 children aged 8-9 years, on SPM and Lorge-Thorndike, before and after exposure to experimental maths teaching (as designed by Dienes), or a control experience. There was no difference on raw scores on SPM for either group at follow up testing after 10 months, but on subtest C the experimental group was favoured.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Wilson,J.A.				
TITLE				
Personality and attainment in the primary school. II. Personality structure and attainment of ten-year-olds.				
JOURN_BOOK				
Research in Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	-	1-10	EDUC IQTS PERS KIDS CORR SPM UK	E.
ABSTRACT				
A study with 10 yr. old N. Irish boys and girls to explore the relationship between factorially derived personality dimensions (Cattell) and ability and attainment (T-M Vocabulary, SPM). Results were discussed in terms of the Eysenckian postulate that high performance will be associated with introversion. The correlational evidence was contrary to this.				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Witecki,K.				
TITLE				
The effect of field of vision on certain forms of perception.				
JOURN_BOOK				
Przegląd Psychologiczny				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15	-	53-62	OTHER CORR SPM EURO	-
ABSTRACT				
Industrial workers, aged 20-50, were given 11 tachistoscopically- presented figures, five of which included errors, and performance on this task was compared with a test of attention and with SPM. Those with higher SPM scores performed better on the task requiring perception of differences. [Text in Polish : Summaries in Russian and English]				

MATRICES		YEAR		
SPM		1972		
AUTHOR				
Ziv,A.				
TITLE				
Sex differences in performance as a function of praise and blame.				
JOURN_BOOK				
Journal of Genetic Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
120	-	111-119	ANTHROP MFSX KIDS SPM EDUC ASIA ISRAEL	A.
ABSTRACT				
Compares performance of 240 7th grade Israeli children on SPM under differential conditions of praise and blame, with a male or female examiner relating to boys or girls. Few significant effects emerged, but sex of examiner was significantly related to sex of examinee (P = .03).				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Bejat,M.				
TITLE				
Experimental data on the relationships between some intellectual skills, intelligence and creativity in problem solving.				
JOURN_BOOK				
Revue Roumaine des Sciences Sociales-Serie de Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15	2	187-196	EDUC KIDS PGET SPM EURO	E.
ABSTRACT				
Investigated the influence of training in divergent and converg- ent thinking skills on problem solving in 32 14.5-15.5 yr. old school children. Intelligence tests (verbal reasoning and SPM), creativity tests (fluency, flexibility and originality) and achievement tests in mathematics and physics were administered. Divergent thinking training led to improved problem solving, with the greatest improvement found in high intelligence and high creativity subjects.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Benavent,J.				
TITLE				
Review of psychotechnical tests.				
JOURN_BOOK				
Anuario de Psicologia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	5	67-107	CRIT IQTS SBIT WBIT SPM	-
ABSTRACT				
A summary of tests in use with background history, description and notes on validity.			[Text in Spanish]	

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Beyel,V., Fracchia,J., Sheppard,C. & Merlis,S.				
TITLE				
Relationships among Raven's Progressive Matrices avoidable and atypical errors, and Bender-Gestalt errors.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
33	3	1269-1270	CRIT CLIN ITEM SPM NOAM	C.
ABSTRACT				
Atypical and avoidable errors committed by 89 chronic schizophre- nics on the SPM were compared with performance on the Bender. Atypical error score on SPM correlated .41 with total Bender error score. The two SPM error indices correlated -.41. Atypical errors may be assessing the influences of psychopathol- ogy on the perceptual spatial factor in SPM while avoidable errors may reflect the effects of illness in the general intell- ectual factor 'g'.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Biggs,J.B., Fitzgerald,D. & Atkinson,S.M.				
TITLE				
Convergent and divergent abilities in children and teachers' ratings of competence and certain classroom behaviours.				
JOURN_BOOK				
British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
41	3	277-286	EDUC CORR FACT IQTS KIDS SPM NOAM	E.
ABSTRACT				
A battery of convergent and divergent tests was given to 174 11yr olds and teacher's ratings of conceptual and mechanical ability were obtained. Tests included SPM, and ACER group verbal test of IQ, Guilford's Uses Test and Hidden Figures Tests. Factor analysis revealed orthogonal convergence and divergence factors, with SPM loading .809 on convergence and .147 on divergence.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Capdevila,J. & Pontdevila, M.				
TITLE				
Estudio comparativo de los teste de Raven y Goodenough en una muestra de la poblacion escolar Barcelonesa.				
JOURN_BOOK				
Revista de Psicologia General y Aplicada.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	113	777-790	EDUC KIDS IQTS CORR VALD SPM EURO	-
ABSTRACT				
A comparison of the Goodenough and SPM with Spanish school children, showing a positive correlation between the two (r = 0.34; P<.05).				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Child and Youth Research Centre				
TITLE				
The political maturity of Filipino youth, age 18 through 21 years.				
JOURN_BOOK				
Philippine Journal of Child-Youth Development				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	-	1-20	ANTHROP SCLS SPM ASIA UK	A.
ABSTRACT				
A study comparing the political maturity of 1200 Filipino youths, aged 18-21, who completed SPM. Data were analysed by sex, SES and rural-urban status. Scores on SPM for urban and rural samples were significantly related to their political maturity scales, with a correlation of +.73 for females and +.52 for males.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Coates,G.D. & Alluisi, E.A.				
TITLE				
Reliability and correlates of a three-phase code transformation task (3P-COTRAN)				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
32	-	971-985	OTHER FACT SPM NOAM	-
ABSTRACT				
A factor analysis of 75 measures led to the identification of 8 factors derived from 84 Ss solving 6 blocks of three problems and completing 6 hours of paper and pencil tests, including SPM. Five of the factors represent 3P-COTRAN performances, 1 verbal intelligence and 2 personality characteristics. Nonverbal intelligence, as measured by SPM is related to 3P-COTRAN performance.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Dawson,J.L.M.				
TITLE				
Theory and Research in Crosscultural Psychology.				
JOURN_BOOK				
Bulletin of the British Psychological Society				
VOLUME	SECTION	PAGES	CODES	INT_CODE
24	-	291-306	ANTHROP SPM	A
ABSTRACT				
Discusses the history and development of cross-cultural psych- ological studies identifying some of the inherent difficulties in such work. Includes discussion of culture fair instruments such as SPM.				

MATRICES YEAR				
SPM		1971		
AUTHOR				
Dicker, L.				
TITLE				
Retardation of 9-14 year old deaf students on the Raven's Progressive Matrices.				
JOURN_BOOK				
Doctoral Dissertation: University of Kansas Dissertation Abstracts				
VOLUME	SECTION	PAGES	CODES	INT_CODE
A	31	5884	EDUC CLIN KIDS DEAF PHYS NOAM SPM	C.E.
ABSTRACT				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Eisenthal,S. & Harford,T.				
TITLE				
Correlation between the Ravens Progressive Matrices Scale and the Shipley Institute of Living Scale.				
JOURN_BOOK				
Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
27	2	213-215	CLIN PSAT SCLS IQTS CORR SPM NOAM	C.
ABSTRACT				
This research compared the Shipley Institute of Living Scale and SPM. Both tests were presented in random order to 100 neuro- psychiatric patients. Comparisons were made between total number of correct answers on SPM with following scores of the Shipley: Total Mental Age, Abstraction Age, Vocabulary Age and Conceptual Quotient. In comparing the two scales, attention was drawn to mental deterioration, socio-economic status,age and diagnosis. Results indicated substantial correlation between the two scales, but they were not sufficiently similar to be interchangeable. The Shipley measures sensitive to intellectual impairment C.Q. and Abstraction Age assigned more than twice				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Eysenck,H.J. & Eysenck,S.G.B.				
TITLE				
The Interpretation of Childrens Lie Scale Scores.				
JOURN_BOOK				
British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
41	1	23-31	EDUC FACT CORR KIDS PERS SPM UK YSNK	E.
ABSTRACT				
390 children were given an intelligence test (SPM) and a 100-item personality inventory purporting to measure E,N, and L. Factor analysis of the intercorrelations between items gave rise to 3 clearly defined independant factors identified as E,N and L. Correlations of SPM with the three scales were N -.03,with E +.05 and with L -.29. This last correlation is significant and inter- preted as showing that bright children lie less.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Goldman,R.K.				
TITLE				
Psychosocial development in cross-cultural perspective.				
JOURN_BOOK				
Developmental Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	-	411-419	ANTHROP PERS MFSX SPM ISRAEL EURO ASIA	A.
ABSTRACT				
Reports a study in which adolescents reared at home were compared on measures of psychosocial development with matched groups in institutional care. Samples were drawn from Israel, Austria, Yugoslavia and Poland. SPM was used as the intellectual measure. 65 pairs were compared. Means and ranges for SPM scores were com- parable for both sexes.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Goldner,R.				
TITLE				
The dependence of measured intelligence levels on the testing method used in clinical psychotherapy.				
JOURN_BOOK				
Zeitschrift fur Psychotherapie und Medizinische Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
21-	-	147-151	CLIN IQTS CORR VALD SPM EURO	C.
ABSTRACT				
The intelligence levels of 39 patients, under stationary psycho- therapeutic treatment, were investigated using SPM- without a time limit- and the Intelligence Structure Test (IST- Amthauer). The following results were obtained: 1. a correlation of r=.54 between the two test procedures; 2. a greater level-difference in the results of both tests; and 3.large differences between the diagnosis groups in the SPM, but not in the IST. It was thus advised against using the SPM in psychotherapeutic background documentation.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Gollner,R.				
TITLE				
Die Abhangigkeit der gemessenen Intelligenzhohe vom angewandten Testverfahren in der klinischen Psychotherapie.				
JOURN_BOOK				
Zeitschrift fur Psychotherapie und Medizinische Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
21	4	147-151	CLIN PSSS IQTS CORR SPM EURO	C.
ABSTRACT				
The IQ levels of 39 patients undergoing psychotherapy were investigated using the SPM, untimed, and the Intelligence Structure Test (IST). Results showed a correlation of .54 between the two tests; a greater level-difference in the results of both tests; large differences between the diagnostic groups with SPM but not with IST. It was therefore recommended against using the SPM in background documentation for psychotherapy. [Text in German: English summary]				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Granick,S.				
TITLE				
Brief tests and their interrelations as intelligence measures of aged subjects.				
JOURN_BOOK				
Proceedings of the Annual Convention of the American Psychologic- al Association				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	2	599-600	CLIN WAIS IQTS CORR AGES SPM NOAM	C.
ABSTRACT				
Evaluated the intelligence of applicants and residents of a home for the aged by means of the Ammons Full-Range Picture Vocabulary SPM and the WAIS. Intercorrelations among the test and subtest scores showed a wide array of correlations, ranging from .37 to .92, and reflecting a probable factorial composition of intellig- ence which is similar to that of younger adults. The Ammons inf- ormation and vocabulary scores were found to correlate highly (.89 and above) with the Full Scale WAIS. Various combinations of 2 tests also correlated .90 and above with the WAIS, the Ammons and Block Design being highest (.94). Brief type tests are, thus, effective in approximating the results achieved				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Guinagh,B.J.				
TITLE				
An experimental study of basic learning ability and intelligence in low socio-economic-status children.				
JOURN_BOOK				
Child Development				
VOLUME	SECTION	PAGES	CODES	INT_CODE
42	1	27-36	EDUC ANTHROP SCLS KIDS RACE SPM NOAM	A.E.
ABSTRACT				
The purpose of this study was to examine 2 constructs, basic learning ability and intelligence, as proposed by Arthur Jensen to explain the different patterns of ability found in the middle and low SES levels. In this study, basic learning ability was measured by a digit span test and intelligence by SPM. Both low SES black children and low SES white children were tested, training on SPM had different effects on the two races.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Klingelhofer,E.L.				
TITLE				
A note on language,school and examiner effects on the performance of Tanzanian school children on Raven's Standard Progressive Matrices Test.				
JOURN_BOOK				
Journal of Social Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
83	-	145-146	ANTHROP KIDS SPM AFRICA	A.
ABSTRACT				
Investigated several factors which were believed might influence performance on SPM. In two Tanzanian schools it was found that language of administration (Swahili or English) had little or no effect on performance; that examiner effects did not bear significantly on results; and school location or quality probably had less relationship to SPM performance than it may have on other types of tests.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Kohoutek,R., Pulda,M. and Zemanova,A.				
TITLE				
Prispevek k problematice intelektove vykonnosti neslysicich. [contribution to the problem of intellectual achievement in the deaf].				
JOURN_BOOK				
Psychologia a Patopsychologia Dietata				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	2	147-154	CLIN EDUC DEAF WISC SPM EURO	C.E.
ABSTRACT				
Administered the verbal section of the WISC and SPM to deaf children. Subjects performed better on SPM, suggesting that children with severe hearing defects have no impairment in intellectual achievement, but a diversity of the quantitative development in the verbal and non-verbal component of the intellect. It is concluded that if optimum educational facilities are provided in time, adequate compensatory mechanisms for loss of hearing will develop. [Summary in English]				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1971		
<i>AUTHOR</i>				
Langevin,R.				
<i>TITLE</i>				
Is curiosity a unitary construct?				
<i>JOURN_BOOK</i>				
Canadian Journal of Psychology				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
25	4	360-374	EDUC IQTS KIDS MFSX FACT SPM NOAM	E.
<i>ABSTRACT</i>				
To test a hypothesis that curiosity is multifaceted, representat- ive curiosity measures were compared. Two intelligence measures, the Otis and SPM were also included to determine if the curiosity measures were distinct from IQ. The data for 195 sixth grade boys and girls were intercorrelated. Two weak curiosity factors emerged. On the whole, the curiosity measures were distinct from intelligence but were also distinct from one another.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Lazzeroni,V. Sirigatti,S., Celesti,A. & Barone,S.				
TITLE				
Struttura della personalita ed etiologia dell'artrite reumatoide. [Personality structure in diagnosed rheumatoid arthritics].				
JOURN_BOOK				
Bolletino di Psicologia e Sociologia Applicata				
VOLUME	SECTION	PAGES	CODES	INT_CODE
103	105	119-149	CLIN FACT PHYS SPM EURO	C.
ABSTRACT				
Characteristics of a group of rheumatoid arthritics are described on the basis of a battery of psychological tests, including MMPI, PFS, SPM and Cobb questionnaire. Factor analysed data gave a loading of .74 for SPM on factor 9. [Text in Italian]				

MATRICES	YEAR			
SPM	1971			
AUTHOR				
Lemke,E.A. and Kirchner,J.H.				
TITLE				
A multivariate study of handwriting, intelligence, and personality correlates.				
JOURN_BOOK				
Journal of Personality Assessment				
VOLUME	SECTION	PAGES	CODES	INT_CODE
35	6	584-592	OTHER STUD PERS IQTS FACT CORR SPM	-
ABSTRACT				
103 students were given the 16PF, the EPPS, Otis, SPM and these were compared with handwriting variables. SPM loaded on factor 16 (intelligence) and correlated significantly with the Otis, as well as negatively with Endurance.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Levi,M. and Seborg,M.				
TITLE				
The study of the differences between mean scores on verbal vs nonverbal tests of intelligence and vs academic acievements of institutionalised women drug addicts .				
JOURN_BOOK				
Paper presented to California State Psychological Association, 24th Annual Convention				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC ANTHROP IQTS DRUG RACE SPM NOAM	E.A.
ABSTRACT				
The entire population of a state institution for women drug addicts was given the SPM, the California Achievement Test and the Revised Army Alpha or Beta tests. Of the 335 subjects, 200 were white, 67 Mexican and 68 black. Whites received average SPM scores higher than the other two groups. White literates scored better than white illiterates; similarly the Black and Mexican subgroups. Black and Mexican groups performed much better on the SPM and Beta than on Alpha.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1971		
<i>AUTHOR</i>				
Levi,M. and Seborg,M.				
<i>TITLE</i>				
The study of the differences between mean scores on verbal vs nonverbal tests of intelligence and vs academic acievements of institutionalised women drug addicts .				
<i>JOURN_BOOK</i>				
Paper presented to California State Psychological Association, 24th Annual Convention				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
-	-	-	EDUC ANTHROP IQTS DRUG RACE SPM NOAM	E.A.
<i>ABSTRACT</i>				
The entire population of a state institution for women drug addicts was given the SPM, the California Achievement Test and the Revised Army Alpha or Beta tests. Of the 335 subjects, 200 were white, 67 Mexican and 68 black. Whites received average SPM scores higher than the other two groups. White literates scored better than white illiterates; similarly the Black and Mexican subgroups. Black and Mexican groups performed much better on the SPM and Beta than on Alpha.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Majumdar,P.K. and Nundi,P.C.				
TITLE				
Raven's Standard Progressive Matrices in two different populations.				
JOURN_BOOK				
Journal of the Indian Academy of Applied Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	1-2	30-33	ANTHROP EDUC RACE KIDS NORM SPM ASIA	A.E.
ABSTRACT				
The performance of two populations of students was compared; 2836 from Calcutta and 2100 from Agartala, using a stratified sample technique. Results are reported in percentile scores, and indicate that a significant difference exists between the two groups. The importance of nationality and educational opportunity is stressed as contributing to scores, such that it is not possible to use common norms for both groups.				

MATRICES YEAR				
SPM		1971		
AUTHOR				
Mercy,A.				
TITLE				
Relation between intelligence and adjustment of secondary school pupils.				
JOURN_BOOK				
Kerala Journal of Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	1/2	26-30	ANTHROP EDUC PERS STUD ASIA SPM	A.E.
ABSTRACT				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Mohan,V. & Mohan,J.				
TITLE				
Scores on two intelligence tests and seasons of birth.				
JOURN_BOOK				
Psychologia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	-	170-174	OTHER IQTS PERS STUD SPM ANTHROP ASIA	-
ABSTRACT				
SPM and GMA were given to 224 students, aged 18-25 years. Results gave further confirmation to the view that summer borns perform better on intelligence tests than winter borns.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Moyles,E.W. and Wolins,M.				
TITLE				
Group care and intellectual development.				
JOURN_BOOK				
Developmental Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	3	370-380	ANTHROP KIDS AGES SPM NOAM	A.
ABSTRACT				
Several hundred children in various group care programs were compared for cognitive development with children reared at home. The SPM was administered to groups of children in residence for 2 or more years in Israeli kibbutz youth groups and institutions, an Austrian children's village and Polish and Yugoslav homes. When compared with age-mates living with natural families, the group-reared children did not show any of the developmental deficiencies usually attributed to 'institutional' rearing. Similarly, there was no correlation between age of entry or length of stay in a group setting and performance on SPM.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Pardo, L.C. Diaz, L.A. Hernandez Vargas, C. and Hernandez Vargas, J.G.				
TITLE				
La relacion estatura-inteligencia en un grupo de escolares de Guadalajara, Jalisco. (The relationship between height and intelligence in a group of students in Guadalajara, Jalisco.)				
JOURN_BOOK				
Revista Mexicana de Psicologia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	1	11-13	ANTHROP KIDS WAIS IQTS SPM SCAM	-
ABSTRACT				
A positive correlation between height and intelligence was found in 98 Mexican 3rd grade children.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Perret,C. and Fischer,H.				
TITLE				
Intelligenzmessung bei Kindern von der Geburt bis zum elften Altersjahr: Eine Longitudinalstudie.[Intelligence testing of children from birth to 11 years old: A longitudinal study.]				
JOURN_BOOK				
Schweizerische Zeitschrift fur Psychologie und ihre Anwendungen				
VOLUME	SECTION	PAGES	CODES	INT_CODE
30	2	109-118	EDUC AGES KIDS CORR IQTS FACT SPM EURO	E.
ABSTRACT				
Measured the intelligence of 255 7-11 yr. old children by various tests. These included the Brunet-Lezine, the Stanford-Binet, the HAWIK-Mosaic and SPM. An analysis of the data collected and of their variations from year to year is presented. Correlation coefficients and a factor analysis are computed in order to compare both the tests and the development of certain mental abilities of the subjects. Measuring the real mental development in longitudinal studies is difficult because the different psychological tests used at each age level are not consistent enough.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Price,J.D.				
TITLE				
Analysis of changes in intelligence test scores of Mexican- American youth assigned to special classes in relation to Jensen's two-level theory of mental abilities.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6A	-	3125-3126	EDUC KIDS RACE THEO SPM NOAM	E.
ABSTRACT				
A study of students who had been assigned to special classes. 25 who had shown marked gains in intelligence test scores were compared with a contrast group who had not improved. Both groups showed comparable Level I abilities, on Level II testing (SPM) the marked increase group showed a significant superiority.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Pringle,R.K. and Haanstad, M.				
TITLE				
Estimating WAIS IQs from Progressive Matrices and Shipley-Hartford scores.				
JOURN_BOOK				
Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
27	4	479-481	CLIN IQTS CORR WAIS PSAT SPM NOAM	C.
ABSTRACT				
With hospitalised patients, SPM and Shipley correlated more highly with WAIS scaled scores than with WAIS IQs. A regression equation was developed to predict WAIS scaled scores from a combined Shipley-Raven score.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Sigel,I.E.				
TITLE				
How intelligence tests limit understanding of intelligence. In I.J. Gordon (Ed.) Readings in research in developmental psychology.				
JOURN_BOOK				
Glenview, I11.; Scott, Foresman & Co. Chapter 30.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	279-290	CRIT KIDS ITEM SPM NOAM	-
ABSTRACT				
A reprint from Sigel, Merrill-Palmer Quarterly, 1963, Q.V.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Stachyra, J.				
TITLE				
[The mental development of deaf children]				
JOURN_BOOK				
Roczniki Filozoficzne				
VOLUME	SECTION	PAGES	CODES	INT_CODE
19	-	101-114	CLIN EDUC PHYS KIDS WISC IQTS DEAF MFSX SPM EUR Q ANTHROP	C.
ABSTRACT				
Studied the sequence of mental development in deaf individuals. Both experimental (n = 40) and control (n = 40) groups consisted of 14 yr. old Ss.Half of each group was male, half female. Mental development was measured by SPM, WISC, Gray's Arthur Point Scale, Snijders-Oomen, Goodenough Intelligence Test, and Leiter International Performance Scale. It is concluded that (a) on the average boys revealed higher IQ scores than girls, (b) children with congenital deafness showed higher IQ scores, (c) children who were hard of hearing showed higher IQ scores than children who were completely deaf, and (d) results for social variables determining the difference between urban vs				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Stachyra, J.				
TITLE				
[The mental development of deaf children]				
JOURN_BOOK				
Roczniki Filozoficzne				
VOLUME	SECTION	PAGES	CODES	INT_CODE
19	-	101-114	CLIN EDUC PHYS KIDS WISC IQTS DEAF MFSX SPM EUR Q ANTHROP	C.
ABSTRACT				
Studied the sequence of mental development in deaf individuals. Both experimental (n = 40) and control (n = 40) groups consisted of 14 yr. old Ss.Half of each group was male, half female. Mental development was measured by SPM, WISC, Gray's Arthur Point Scale, Snijders-Oomen, Goodenough Intelligence Test, and Leiter International Performance Scale. It is concluded that (a) on the average boys revealed higher IQ scores than girls, (b) children with congenital deafness showed higher IQ scores, (c) children who were hard of hearing showed higher IQ scores than children who were completely deaf, and (d) results for social variables determining the difference between urban vs				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1971		
<i>AUTHOR</i>				
Sullivan,A.M. & Skanes, G.R.				
<i>TITLE</i>				
Differential transfer of training in bright and dull subjects of the same mental age.				
<i>JOURN_BOOK</i>				
British Journal of Educational Psychology				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
41	3	287-293	EDUC KIDS IQTS SPM NOAM	-
<i>ABSTRACT</i>				
Transfer of training was studied in subjects of 9 to 18 years. Criterion groups of bright and dull Ss were based on Otis and SPM scores. The suggestion that transfer and intelligence may be related is considered in terms of SPM as a culture-fair test. The so-called culture-fair nature of tests like SPM may be due to their measurement of new learning. It would, therefore be expected that tests of transfer are unrelated to variables such as social class or cultural origin.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Van Harskamp,F., Luteijn,F. & Van Dongen,H.R.				
TITLE				
De vergelijkbaarheid van een verkorte G.I.T.-en een Raven I.Q. in een neurologische patientgroep.[The similarity of a short G.I.T. and SPM in a group of neurological patients.]				
JOURN_BOOK				
Nederlands Tijdschrift voor de Psychologie en haar Grensgebieden				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	5	291-297	CLIN IQTS BRDM CORR SPM EURO	C.
ABSTRACT				
Tested the functional similarity between short forms of the Groninger Intelligence Test and SPM. Subjects were 119 patients with a mean age of 45. About 90% had cranial neoplasms, vascular degeneration and traumatic neural disturbances. Correlation between GIT and SPM was +.73.				

MATRICES		YEAR		
SPM		1971		
AUTHOR				
Welman,A.J.				
TITLE				
Neuropsychological examination of Parkinson's disease patients: Before and after thalamotomy.				
JOURN_BOOK				
Schweizer Archiv fur Neurologie, Neurochirurgie und Psychiatrie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
108	1	175-188	CLIN WAIS BRDM PHYS SPM EURO	C.
ABSTRACT				
25 subjects recieved right, and 23 recieved left hemisphere surgery. SPM was given to 38 of the subjects before and after surgery. 8 performed better and 6 worse on retest. [Text in German: French and English summaries]				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1971		
<i>AUTHOR</i>				
Wilson,G.D., Tunstall,O.A. & Eysenck,H.J.				
<i>TITLE</i>				
Individual differences in tapping performance as a function of time on the task.				
<i>JOURN_BOOK</i>				
Perceptual and Motor Skills				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
33	-	375-378	CLIN PERS CORR IQTS SPM UK YSNK	C.
<i>ABSTRACT</i>				
Relationships of intelligence (SPM and Otis),achievement motivation and personality to performance were examined as a function of time using finger tapping. Scores on SPM and Otis showed a small positive correlation initially, which gradually increased over a 1-min. tapping session. This progressive advantage of high-IQ subjects is best interpreted either in terms of ability to compensate for the build-up of inhibition or as a short-term learning effect.				

MATRICES YEAR				
SPM		1970		
AUTHOR				
Akhurst,B.A.				
TITLE				
Assessing Intellectual Ability				
JOURN_BOOK				
Teach Yourself Books, E.U.P., London				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC TEXT AGES SPM UK	E.
ABSTRACT				
A brief account for the elementary reader of the use made of SPM in showing the effects of maturation and ageing on intellectual performance.				

MATRICES		YEAR		
SPM		1970		
AUTHOR				
Beck,L., Mackay,M. & Taylor,R.				
TITLE				
Methylphenidate: Result on children's psychiatric services.				
JOURN_BOOK				
New York State Journal of Medicine				
VOLUME	SECTION	PAGES	CODES	INT_CODE
70	-	2897-2902	CLIN KIDS BRDM DRUG SPM NOAM	C.
ABSTRACT				
Reports on the use of minimal doses of methylphenidate (Ritalin) with 8 hyperactive children.Measures included psychological tests (WISC, Bender, SPM) with serial testing to compare medication and placebo conditions. SPM results for one case indicated no changes for any condition, while many measures showed improvement when on Ritalin.				

MATRICES		YEAR		
SPM		1970		
AUTHOR				
Bemelmans,F.				
TITLE				
L'analyse clinique des aptitudes par les tests.				
JOURN_BOOK				
Bulletin d'Orientation scolaire et professionnelle				
VOLUME	SECTION	PAGES	CODES	INT_CODE
19	-	24-29	ANTHROP CRIT ITEM KIDS CORR PGET SPM EURO	A.
ABSTRACT				
If one takes two identical scores (total) dy different subjects, it can be shown that they arise from different items and, consequently, involve different mental processes. With long experience of Piaget's tests, one may compare various interpreta- tions and identify the operational structure of a given age. A study is reported in which SPM was given to 371 9 year olds, 534 10 year olds and 575 11 year olds and 457 12 year olds (in Quebec). Correct answers and errors for each group were correlat- ed with total score and scholastic level.				

MATRICES		YEAR		
SPM		1970		
AUTHOR				
Bromley,D.B.				
TITLE				
An approach to theory construction in the psychology of development and aging.				
JOURN_BOOK				
In GOULET, L.R. and BALTES, P.B. (Eds.) Life Span Developmental Psychology. New York, Academic Press				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CLIN ITEM AGES SPM UK	C.
ABSTRACT				
In lecture form, gives an account of the investigation of errors in SPM performance previously reported by Bromley (1953), Maher (1960) and Wetherick (1964).				

MATRICES YEAR				
SPM		1970		
AUTHOR				
Canabal,J.V.				
TITLE				
Comparison of deaf and normally hearing children on analogy item under different methods of instruction at different age levels.				
JOURN_BOOK				
Doctor's Thesis. St. John's University.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CLIN EDUC PHYS KIDS DEAF SPM NOAM	C.
ABSTRACT				
40 normally hearing children and 40 congenitally deaf were given four tasks of analogical thinking including SPM. Ss ranged from 9 to 13 years. The findings did not support the hypothesis that normal Ss would be superior to deaf Ss, nor was there evidence of an increasing gap with age.				

MATRICES		YEAR		
SPM		1970		
AUTHOR				
Carlson,J.S.				
TITLE				
A note on the relationships between the Draw-a-Man Test, the Progressive Matrices Test and conservation.				
JOURN_BOOK				
Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
74	2	231-235	EDUC KIDS CORR IQTS SPM EURO	E
ABSTRACT				
The DAM, SPM, and conservation of mass and weight tests were individually administered to 221 children, aged 51/2 to 91/2. DAM and SPM are highly correlated and differentially related to conservation. The SPM was found to be significantly associated with conservation after the variance shared with the DAM was removed. The DAM, on the other hand, failed to be significantly related to conservation after this variance was removed.				

MATRICES	YEAR			
SPM	1970			
AUTHOR				
Davis,W.E., DeWolfe, A.S., Dizzone, M.F. & Air, D.				
TITLE				
Relationship between schizophrenics' premorbid history and intelligence test performance.				
JOURN_BOOK				
Newsletter of Research in Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
12	4	5-6	CLIN PSSS WAIS SPM NOAM	C
ABSTRACT				
20 reactive and 20 process schizophrenics were compared for intellectual level of functioning, using WAIS and SPM. With both tests the process group obtained significantly higher scores. The findings support the affective rather than the cognitive explanation for schizophrenic deficit.				

MATRICES		YEAR		
SPM		1970		
AUTHOR				
Fracchia,J., Fiorentino,D., Sheppard,C. & Merlis,S.				
TITLE				
Raven Progressive Matrices: Avoidable errors as a measure of psychopathological ideational influences upon reasoning ability.				
JOURN_BOOK				
Psychological Reports				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	-	359-362	CLIN PERS DRUG ITEM SPM NOAM	C.
ABSTRACT				
SPM protocols of 88 narcotic addicts, divided into four M.M.P.I. profile pattern groups, were scored for avoidable errors,subjects having psychotic-like profiles made significantly more resoning errors than subjects with sociopathic patterns. These data were interpreted as evidence of the sensitivity of avoidable error measures to disturbances in consistency and accuracy of comparat- ive and analogical reasoning performance. It was suggested that avoidable error indices might be used to judge the effects of pathological ideation, estimate potential level of intellectual functioning in clinical populations and serve as a criterion for treatment efficacies.				

MATRICES		YEAR		
SPM		1970		
AUTHOR				
Fracchia,J., Sheppard,C., Merlis,M. & Merlis,S.				
TITLE				
Atypical reasoning errors in sociopathic, paranoid and schizo- phrenic personality types.				
JOURN_BOOK				
Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
76	-	91-95	CLIN PERS ITEM DRUG PSSS SPM NOAM	C.
ABSTRACT				
SPM of 90 narcotic addicts, divided into four M.M.P.I. profile pattern groups, were scored for atypical reasoning errors. Atypicality was defined as the selection of an alternative other than a primary or secondary distractor for a particular item. It was found that subjects showing psychotic profiles (428 para- noids and 987 schizophrenics) showed greater tendencies toward selecting infrequently chosen alternatives than sociopathic prof- ile subjects (49 primary and 42 secondary). It was suggested that these data reflect the sensitivity of SPM error measures to dis- turbances in intellectual performance associated with varying degrees of psychopathological dysfunction.				

MATRICES		YEAR		
SPM		1970		
AUTHOR				
Georgas,J.G.				
TITLE				
Standardisation of a Vocabulary Intelligence Test.				
JOURN_BOOK				
Unpublished Final Progress Report, 1970 Research MH 1255544-01 The Athenian Institute of Anthropolos, 8, Demetriou Soutsou Steet, Athens, 602. Greece.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP SCLS RELI CORR VALD SPM EURO	A.
ABSTRACT				
A report concerned with the development of a vocabulary test in Greek, in which the SPM was used as part of the study. Data were obtained from 727 Athenian children and validity and reliability coefficients are given. Results are related to age and S.E.S.				

MATRICES		YEAR		
SPM		1970		
AUTHOR				
Grosvenor,T.				
TITLE				
Refractive state, intelligence test scores, and academic ability.				
JOURN_BOOK				
American Journal of Optometry & Archives of American Academy of Optometry				
VOLUME	SECTION	PAGES	CODES	INT_CODE
47	5	355-361	CLIN EDUC PHYS IQTS KIDS SPM AUST	E.C.
ABSTRACT				
In an experiment with 707 intermediate school European and Maori children, it was found that myopes had higher mean scores than hypermetropes on both the Otis Self-Administered Test and SPM. Myopes also occurred in significantly greater numbers in high ability than in low ability classrooms. Results are discussed in terms of 4 hypotheses, previously suggested by M.J.Hirsch in his experiment with 554 school children given the CTMM:(a) myopia is an overdevelopment of the eye just as hypermetropia is an under-development; (b) intelligence test scores may be influenced by the amount of reading a child does; (c) the more intelligent child may read more and thus become more myopic;				

MATRICES		YEAR		
SPM		1970		
AUTHOR				
Guthke,J.				
TITLE				
Untersuchungen mit den Progressiven Matrizen (Erwachsenenform) von RAVEN bei Schülern der 6. Klasse der allgemeinbildenden polytechnischen Oberschule.				
JOURN_BOOK				
Probleme und Ergebnisse der Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
32	-	37-49	EDUC KIDS SPM EURO	E.
ABSTRACT				
[Text in German]				

MATRICES		YEAR		
SPM		1970		
AUTHOR				
Hazari,A. & Thakur,G.P.				
TITLE				
The relation between manifest anxiety and intelligence.				
JOURN_BOOK				
Journal of Education and Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
27	4	375-377	CLIN EDUC STUD PERS CORR SPM ASIA	C.E.
ABSTRACT				
Ten high anxious and ten low anxious students were selected from a sample of 50 on the basis of Taylor MAS scores. No difference on SPM was found between the two groups. A negative correlation (-.38) between the two tests for the whole sample of 50 did not reach significance.				

MATRICES		YEAR		
SPM		1970		
AUTHOR				
Hornowski,B.				
TITLE				
Analiza psychologiczna skali J.C.Ravena. (Psychological analysis of the Raven Scale)				
JOURN_BOOK				
Warsaw				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CRIT ITEM CORR IQTS RELI SPM EURO	-
ABSTRACT				
Testing 1045 students in grades 7-8. aged 13-16 and of both sexes on a range of psychometric tests, with a 20 minute time limit. A sample was retested after 6 months. [Text in Polish]				

MATRICES		YEAR		
SPM		1970		
AUTHOR				
Kostrzewski,J. & Biela,F.				
TITLE				
Problem wspolsaleznosci standardowych matryc J.C. Ravena oraz skali wechlera do badinia inteligencji dzieci.[Intercorrelations between SPM and the WISC.]				
JOURN_BOOK				
Przegląd Psychologiczny				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10	-	81-94	CRIT EDUC WISC CORR VALD KIDS SPM EURO	E.
ABSTRACT				
In a study designed to determine relationships between SPM and WISC, 160 children, aged 7-11 (32 per year group), equally boys and girls, half rural, half from towns, were tested. Significant positive correlations were found at each age between SPM and Full WISC (.704 - .748): with WISC performance (.664-.732) and with WISC Verbal (.495-.684) .It was concluded that SPM measures factor 'g' together with spatial organisation. [Text in Polish: Summaries in Russian and English]				

MATRICES		YEAR		
SPM		1970		
AUTHOR				
Kothari,S.				
TITLE				
Relationships between the Progressive Matrices tests and the cancellation task.				
JOURN_BOOK				
Psychological Studies				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15	-	50-61	MISC CORR SPM ASIA	-
ABSTRACT				
A comparison of performance on SPM and a cancellation test with 70 graduate students of Nagpur University, aged 20-28. Correlation between the two tests was .67, and the result is interpreted in terms of field dependence - independence.				

MATRICES		YEAR		
SPM		1970		
AUTHOR				
Mattalia,C.S.				
TITLE				
Studio comparativo dei processi mentali in un gruppo di studenti di scuola media.				
JOURN_BOOK				
Rivista di Psicologia Sociale e Archivio Italiano di Psicologia Generale e del Lavoro.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
37	2-3	139-172	EDUC KIDS SPM EURO	E.
ABSTRACT				
(Comparative study of mental processes in a group of junior high school students.) Presents a quantitative and a qualitative analysis of intellect- ual processes through the SPM and other psychometric techniques in a group of students in a secondary school in Turin,Italy. It shows that the process of logical intelligence and those of creative potential evolve relatively independently. The operative divergence between logical and creative processes seems to be bound more to the originality of the mental elaboration rather than the subject's productivity. [French & English summary]				

MATRICES		YEAR		
SPM		1970		
AUTHOR				
Ord,I.G.				
TITLE				
Mental tests for pre-literates.				
JOURN_BOOK				
London : Ginn & Co., Jacaranda Press				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP IQTS SLCT CORR VALD SPM AUST	A
ABSTRACT				
Describes the development of a selection test (the PIR) for New Guinea soldiers (Pacific Islands Regiment). SPM was used among other tests in the development stages and given to 32 candidates in 1957. Results did not correlate highly with PIR (r=0.23), suggesting that the two tests measure different aspects of non- verbal mental ability.				

MATRICES		YEAR		
SPM		1970		
AUTHOR				
Passi,B.K.				
TITLE				
Establishing percentile norms for Standard Progressive Matrices.				
JOURN_BOOK				
Recent Trends in Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	-	32-34	EDUC NORM SPM ASIA	E.N.
ABSTRACT				

MATRICES		YEAR		
SPM		1970		
AUTHOR				
Weingarten,G. & Alexander,J.F.				
TITLE				
Effects of physical exertion on mental performance of college males of different physical fitness levels.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
31	2	371-378	CLIN PHYS SPM NOAM	C.
ABSTRACT				
13 physically "fit" and 9 "less fit" male students were tested under conditions of moderate and unduly heavy work on a treadmill On the first occasion 30 SPM problems were presented on 35mm slides, while the other (alternate) 30 slides were presented five days later under "unduly heavy" work conditions. Fit subjects scored the same on both occasions but took longer on the second occasion. Less fit subjects scored lower than second time but took less time.				

MATRICES		YEAR		
SPM		1970		
AUTHOR				
Wright,E.N. & Ramsey,C.A.				
TITLE				
Students of non-Canadian origin ; Age on arrival, academic achievement and ability.				
JOURN_BOOK				
Monograph of the Board of Education for the City of Toronto				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP CORR RACE AGES KIDS SPM NOAM	A.
ABSTRACT				
Reports a study of the effects of early vs late arrival in Canada on school performance, and distinguishes between mono- lingual and bilingual students. Correlational data for SPM with students in grades 5,7, and 9 generally show no significant correlation except in three instances (grades 5 and 7 late arriv- al bilingual and grade 9 late arrival monolingual).				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Almgren,P-E., Anderson,A.L. & Kullberg,G.				
TITLE				
Differences in verbally expressed cognition following left and right ventrolateral thalamotomy.				
JOURN_BOOK				
Scandinavian Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10	4	243-249	CLIN NUSY PHYS RELI BRDM SPM EURO	C.
ABSTRACT				
Patients with Parkinson's disease, subjected to ventrolateral thalamotomy, 44 left and 23 right side, were tested pre and post operatively with the color word test, a memory test of word parts and SPM. Highly significant differences were found post operative ly with CWT and WPT implying a less effective post operative performance among those with a left-sided thalamic lesion. SPM shows no such change.				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Amir,Y.				
TITLE				
The effectiveness of the kibbutz-born soldier in the Israel Defence Forces.				
JOURN_BOOK				
Human Relations				
VOLUME	SECTION	PAGES	CODES	INT_CODE
22		333-344	ANTHROP VOC ISRAEL ASIA IQTS PERS SPM	A.V.
ABSTRACT				
A study of the effect of kibbutz living on the effectiveness of military personnel. Groups born and brought up on kibbutzim were compared with those who came in later in childhood, and with those reared outside a kibbutz. Personality and adjustment was assessed, and intellectual levels measured with SPM and Otis . The "Kibbutz-born" stood out as superior in their achievements compared to others.				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Becklund,L.A.				
TITLE				
Independent study: An investigation of the effectiveness of independent study of novel mathematics materials in the element- ary school.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10a	-	3452	EDUC KIDS SPM NOAM	E.
ABSTRACT				
Compared the performance of 413 students in 18 classes at grades 3, 4 and 5 on dependent and independent learning of maths. SPM was used as a measure of convergent thinking and performance on SPM between the two groups was not significantly different.				

MATRICES YEAR				
SPM		1969		
AUTHOR				
Blue,A.W.				
TITLE				
Prediction of learning ability across cultures.				
JOURN_BOOK				
Doctoral thesis, Iowa State University.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			ANTHROP RACE SPM	
ABSTRACT				
The study was devised to evaluate the effects of feedback in a testing situation with four cultural groups. SPM was divided into two parallel forms for group administration. Test responses were made on an Answer Board which gave information regarding the correctness of each answer and provided a learning experience. On retesting it was predicted that cultural differences would be reduced. Samples were drawn from White, Mexican, Negro and Eskimo students. On initial testing White students separated significantly from the other three groups. Differences between cultures were not found to be susceptible to short term learning experiences.				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Bouvier,U.				
TITLE				
Evolution des cotes a quelques tests.				
JOURN_BOOK				
Report. Centre des Recherches des Facteurs Humains. Forces Armees Belges. Bruxelles				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	VOC NORM SPM EURO	V.
ABSTRACT				
Presents results including means on a battery of selection tests for Belgian male army recruits. Tests relate to arithmetic, vocabulary, geometry, mechanical concepts and reasoning (SPM). Means are based on data derived 1958-67. A significant rise in scores is evident over the period in question. [Text in French]				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Burke, H.R. and Bingham, W.C.				
TITLE				
Raven's Progressive Matrices: More on Construct Validity.				
JOURN_BOOK				
Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
72	-	247-251	STAT VERB VALD WAIS IQTS CORR FACT SPM noam	-
ABSTRACT				
A. The untimed SPM showed a surprising split-half corrected reliability coefficient of .96 (N=91). B. Both a principal component and a Varimax factor analysis indicated that the SPM loaded significantly on a factor of general intellectual functioning, even when it was heavily determined by verbal content. C. Performance on the SPM was negatively related to age.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1969		
<i>AUTHOR</i>				
Debyser,R. & Jennen, J.				
<i>TITLE</i>				
Une batterie de tests d'intelligence destinee a des etudiants du niveau de l'enseignement superieur. [A battery of intelligence tests for college students]				
<i>JOURN_BOOK</i>				
Information Psychologique.				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
34	-	39-80	ANTHROP IQTS CORR FACT STUD ARMS SPM EURO	A.
<i>ABSTRACT</i>				
Eight tests, including SPM and the Dominoes Test, were administered to 111 students at the Royal Military School, Brussels, Belgium. Means, standard deviations and inter-correlations are reported as well as the results of factor analyses. Correlations with school success are not reported.				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Di Fiore, & Renda S.				
TITLE				
Etude sur l'applicabilite de quelques tests en orientation professionnelle. [Study of the applicability of several tests in vocational guidance].				
JOURN_BOOK				
Bulletin de Psychologie Scolaire et d'Orientation				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	4	257-271	VOC STUD CORR SLCT SPM EURO	V.
ABSTRACT				
Administered SPM, Revised Minnesota Paper Form Board Test (MPFB), an observation capacity test (OC), a task performance (TP) and a number operations (NO) test to 1560 apprentices and college students. Statistically significant differences in performance were noted in relation to (a) age only for the OC, TP and NO tests, (b) length of schooling for all tests (c) sex only for MPFB and NO tests. - When the 5 tests were administered to 200 apprentices of homogeneous age and years of schooling, correlation coefficients showed that the SPM correlated highly with MPFB and the task performance TP. - Also number of aptitudes revealed by this battery is limited, the latter looking factors e.g.				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Foulds,G.A.				
TITLE				
Organisation and hostility in the Thematic Apperception Test stories of schizophrenics.				
JOURN_BOOK				
British Journal of Psychiatry				
VOLUME	SECTION	PAGES	CODES	INT_CODE
110	-	64-66	CLIN CORR PSSS THDS SPM UK	C.
ABSTRACT				
Reports relationships between SPM and TAT measures of organisat- ion and hostility among schizophrenics. 207 schizophrenics were tested and a significant correlation (0.4) was found between SPM and organisation for the whole group: A paranoid scored higher on both measures than catatonic or hebephrenic patients. Two thirds of acute catatonics, retested same two years later, improved considerably on both measures.				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Fracchia,J.F., Fiorentino,D., Sheppard,C., & Merlis,S.				
TITLE				
A comparison of techniques for the scoring of avoidable errors on the Raven Progressive Matrices.				
JOURN_BOOK				
Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
72	1	93-98	CLIN ITEM PERS DRUG SPM NOAM	C.
ABSTRACT				
SPM of 88 narcotic users divided into four M.M.P.I. profile pattern groups, were scored for avoidable errors with use of 3 scoring methods. Two methods (defining avoidable errors in terms of empirically determined difficulty levels) indicate signif- icantly more reasoning errors were made by patients with paranoid profiles than by patients with either primary or secondary sociopathic patterns. A third method (based on expected set scores) did not score significantly different numbers of avoid- able errors in the four groups. Data were interpreted as indicat- ing that the manner of defining and that of scoring SPM avoidable errors are important factors in determining sensitivity to reasoning errors.				

MATRICES YEAR				
SPM		1969		
AUTHOR				
Guinagh,B.J.				
TITLE				
An Experimental Study of Basic Learning Ability and Intelligence in Low Socioeconomic Populations.				
JOURN_BOOK				
Doctoral thesis: Michigan State University				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP EDUC SCLS RACE KIDS SPM NOAM	A.E.
ABSTRACT				
In this study, basic learning ability was measured by a Digit Span Test and intelligence was measured by SPM. Three different populations of third grade children were tested (a)low SES black (b) low SES white (c) middle SES white. In the low SES white sam- ple both the high and low digit span groups had scores on the SPM post-test significantly greater than their respective control group... The major finding was that scores on SPM can be substan- tially increased as a result of a training programme.				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Harford,T. & Eisenthal,S.				
TITLE				
An item analysis of the Progressive Matrices Test for a sample of hospitalised schizophrenics.				
JOURN_BOOK				
Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
25	2	185	CRIT CLIN ITEM PSSS SPM NOAM	C.
ABSTRACT				
SPM was administered to 52 male schizophrenic patients at a VA Hospital. The results of an item analysis indicated that sets C and D discriminated satisfactorily, while sets sets A,B and E did not.				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Haseth,K., Shagass,C. & Straumanis,J.				
TITLE				
Perceptual and personality correlates of EEG evoked response measures.				
JOURN_BOOK				
Biological Psychiatry				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	1	49-60	OTHER EEGM PERS STUD SPM NOAM	-
ABSTRACT				
Recorded somatosensory (SSER) and visual evoked responses (VER) & EEG in 40 healthy undergraduates, and related the data to tests of extroversion, neuroticism, intelligence (including the MPI, Eysenck Personality Inventory and SPM), simple visual perception (letter recognition, line difference discrimination), Complex visual perception (closure flexibility, closure speed) and lifted weight discrimination. Results failed to confirm predictions that high evoked response (ER) amplitude would be associated with greater extroversion and poorer perceptual performance. Data did indicate ER-EEG amplitude concordance in the sense that both were either high or low, was greater when				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Hrabal,V.				
TITLE				
Zkusenosti s ceskym prekladem testu struktury intelligence zvlaste u starsich zaku ZDS a stredoskolaku .				
JOURN_BOOK				
Vychovny Poradce				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	4	1-12	EDUC KIDS SPM EURO	E.
ABSTRACT				
[Experience with the application of Czech translation of IST ((Amthauer)) to elder pupils of elementary nine-year schools and to students of secondary schools]. Describes experiences with the application of the Czech translation of R. Amthauer's Intelligence Structure Test (IST) to 8th and 9th graders of elementary schools and to students of secondary schools. Methods used were: (a) comparison of results with those obtained by the use of the other similar intelligence tests, (b) interrelation and analysis of subtests as to their objectivity and proper design, and (c) correlation of results with conventional schoolmarks. The variables were: performance levels of students; other intelligence				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Hwang,C.H.				
TITLE				
Parent-child resemblance in psychological characteristics.				
JOURN_BOOK				
Psychology and Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	-	29-36	GENET ANTHROP CORR SPM ASIA	A.
ABSTRACT				
To study parent-child resemblance on intelligence and personality characteristics, parents and their adolescent child in 120 families randomly selected from Ku-ting Districts, Taipei, were given the SPM and Rosenweig PF Test. The parent groups had mean scores lower than their children. Correlations for fathers with their children were .52 and .55; for mothers .43 and .41; for siblings .68. Results are interpreted as indicating a parent-child resemblance in intelligence. Genetic involvement is discussed, but it is also noted that the correlation for spouses was .67.				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Irvine,S.H.				
TITLE				
Figural tests of reasoning in Africa: Studies in the use of Raven's Progressive Matrices across cultures.				
JOURN_BOOK				
International Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	3	217-228	ANTHROP CORR FACT KIDS ITEM SPM AFRICA UK	A.
ABSTRACT				
Experiments involving subjects from various educational groups in Africa and G.B., using SPM, compared item difficulty and describ- ed strategies employed. Factor analysis shows that environmental variables, whether verbally loaded or not, are not associated with central African subjects. Cross-cultural analysis reveals that item difficulties change from culture to culture and that test scores approach Western patterns as the groups adopt western value systems. Appearance of differing individual strategies in problem solving renders it unwise to assume that the same total score proves evi- dence of identical samples of psychological behaviour. Research with African subjects shows that 'the				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Irvine,S.H.				
TITLE				
Factor analysis of African abilities and attainments: constructs across cultures.				
JOURN_BOOK				
Psychological Bulletin				
VOLUME	SECTION	PAGES	CODES	INT_CODE
71	1	20-32	ANTHROP FACT MFSX SPM AFRICA	A.
ABSTRACT				
Reports results of experiments in east and central Africa, invol- ving field studies of over 5,000 subjects. A search for the psyc- hological and descriptive meaning of test scores suggest that they group themselves into constructs such as 'g', v:ed and n:ed, but in addition unique sources of variance exist. In particular an educational factor associated with males is found with enviro- nmental rather than genetic implications. SPM is among the tests factor-analysed and loading not only on 'g' but also on n:ed and a perceptual factor.				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Irvine,S.H.				
TITLE				
How fair is culture: factorial studies of Raven's Progressive Matrices across cultures.				
JOURN_BOOK				
In: Ingenkamp,K. (Ed.) Developments in Educational Testing London, University of London Press				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	-	-	ANTHROP AGES RACE MFSX SCLS ITEM FACT VALD VER P SPM AFRICA	A.
ABSTRACT				
Reports investigations of SPM in Africa seeking to determine the effects of administration procedures and cultural features on SPM performance. Reports factor analytic studies with significant effects for age but not sex. Specific sources of variance were identified for ethnic groups, and the use of different strategies in problem solving discussed, notably analytic and synthetic approaches.				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Jensen,A.R.				
TITLE				
IQ and scholastic attainment.				
JOURN_BOOK				
Harvard Educational Review				
VOLUME	SECTION	PAGES	CODES	INT_CODE
39	1	1-123	CRIT EDUC FACT SPM NOAM JENS	E.
ABSTRACT				
In his discussion of the relative contributions of environment and heredity to intelligence, Jensen frequently uses Progressive Matrices as an example of a relatively pure measure of 'g' and quotes the study of Higgins and Sivers (1958) in support of his propositions. [Reprinted in G.H. Bracht, K.D.Hopkins, & J.C. Stanley (Eds) Perspectives in Educational and Psychological Measurement. Prentice Hall: Englewood Cliffs. 1972]				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Kingsley,L.				
TITLE				
Functioning of acute and chronic schizophrenics on measures of abstract reasoning.				
JOURN_BOOK				
Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
25	2	144-147	CLIN PSSS SPM NOAM	C.
ABSTRACT				
A battery of tests designed to measure abstract reasoning was administered to 130 male subjects, including 50 acute schizo- phrenics, 30 chronic schizophrenics and 50 normal controls. All groups were matched for education, and premorbid (or in the case of control group, previous) level of mental ability. All measures differentiated the A's and C's groups from the C groups. None of the measures differentiated the A's from the C's groups. Use of Gorham Proverbs, SPM and Grassi BST is recommended as an aid in differential diagnosis for schizophrenia.				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Lazzeroni,V. and Sirigatti,S.				
TITLE				
Struttura della personalita e psicosomatosi; Nota preliminare. [Personality structure and psychosomatics; Introductory note].				
JOURN_BOOK				
Bolletino di Psicologia e Sociologia Applicata				
VOLUME	SECTION	PAGES	CODES	INT_CODE
91-	93	91-96	CLIN PERS SPM EURO	C.
ABSTRACT				
A detailed study was conducted regarding a group of syndromes traditionally regarded as psychosomatic. The following methods were used (a) questionnaires (b)MMPI (c) Rosenweig's P-F Test (d) Baum test (e) SPM (f) a series of stimulations which permit the comparison of alpha rythm modifications with respiratory and EKG modifications.				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Levinson,B.M.				
TITLE				
Struttura della personalita e psicosomatosi; Nota preliminare. [Personality structure and psychosomatics; Introductory note].				
JOURN_BOOK				
Bolletino di Psicologia e Sociologia Applicata				
VOLUME	SECTION	PAGES	CODES	INT_CODE
91-	93	91-96	CLIN PERS SPM	C.
ABSTRACT				
A detailed study was conducted regarding a group of syndromes traditionally regarded as psychosomatic. The following methods were used (a) questionnaires (b)MMPI (c) Rosenweig's P-F Test (d) Baum test (e) SPM (f) a series of stimulations which permit the comparison of alpha rythm modifications with respiratory and EKG modifications.				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
MacArthur,R.S.				
TITLE				
Some cognitive abilities of Eskimo, White and Indian-Metis pupils aged nine to twelve years.				
JOURN_BOOK				
Canadian Journal of Behavioral Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	1	50-59	ANTHROP KIDS FACT IQTS CORR SPM NOAM	A.
ABSTRACT				
Factor analysis of a number of ability tests (including SPM) for Eskimo, White and Indian-Metis pupils aged 9-12 yrs, indicated for each sample two highly correlated oblique factors labelled v: ed and reasoning from non-verbal stimuli. When the native pupils were scored on white T-score norms, least ethnic differences and least decline with age relative to the white pupils occurred in the latter abilities. Written memory was an outstanding exception. There were almost no sex differences for any of the samples. Some implications for practice and further research are discussed.				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Pande,C.G. and Kothari, S.				
TITLE				
Field dependence and the Raven's Progressive Matrices.				
JOURN_BOOK				
Psychologia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
12	1	49-51	CRIT ANTHROP CORR VALD PERS STUD SPM ASIA	C
ABSTRACT				
The study was designed to verify the hypothesis that individuals identified as field-dependent will perform less effectively on SPM than those who are relatively field-independent. 84 subjects were given the EFT and SPM. A correlation of .0558 supported the hypothesis.				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Paolicchi,P.				
TITLE				
Risultati dell'applicazione di un questionario di interessi professionali su un gruppo di adolescenti.				
JOURN_BOOK				
Bollettino di Psicologia Applicata.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
94	-	123-143	VOC PERS KIDS SPM EURO	-
ABSTRACT				
Studied the professional interests of a group of adolescents. 435 13 year olds were given (a) SPM (b) Thurstone's PMA (c) 16PF (d) Brainard's Occupational Preference Inventory and (e) a personal outline for the essential facts of family and scholastic character.				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Pottash,M.E.				
TITLE				
An evaluation of Ravens Progressive Matrices for the measurement of certain ability,achievement,and personality factors in Junior High School.				
JOURN_BOOK				
Unpublished Masters Thesis,Bryn Mawr College, Bryn Mawr,Pa,19010				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC TIME PERS VALD KIDS CORR SPM NOAM	E.
ABSTRACT				
The purpose of this study was to investigate the validity of SPM in the measurement of (1) non-verbal ability, (2) Mathematical achievement,and (3) persistence as a personality trait. SPM was administered individually to a preliminary sample of 14 heterogeneous subjects and then was administered to a homogeneous group of 20 low-achievers.A study of these results and a thorough assessment of variables in the preliminary samples were done.Finally, the test was administered to an eighth grade sample (n=235) and correlation studies were carried out using information available from the students' records and a personality questionnaire.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1969		
<i>AUTHOR</i>				
Richardson,H.J.				
<i>TITLE</i>				
Adolescent girls in approved schools.				
<i>JOURN_BOOK</i>				
London: Routledge and Kegan Paul				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
-	-	-	EDUC CLIN KIDS CRIM IQTS CORR PERS SPM UK	E.C.
<i>ABSTRACT</i>				
In a chapter on assessment, the use of a number of cognitive measures is reported. In particular, comparisons of SPM with the Stanford-Binet are used to infer different personality types. In addition, sub-test deviations from expected scores also appear to have significance; those finding set C harder than set D seemed to be anxious girls who could not take pressure but identified with kindly authority.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1969		
<i>AUTHOR</i>				
Rosenberg,C.M.				
<i>TITLE</i>				
Determinants of psychiatric illness in young people.				
<i>JOURN_BOOK</i>				
British Journal of Psychiatry				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
115	525	907-915	CLIN PSAT NEUR SPM AUST	C.
<i>ABSTRACT</i>				
A study of the characteristics of groups of alcoholics, addicts and psycho-neurotics. The E.P.I., Cattell Anxiety Scale, and SPM were administered. Although not statistically different, the addicts tended to be of higher intelligence than the alcoholics as measured by SPM. The mean intelligence score for the neurotics was intermediate between the scores for the other two groups.				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Rosenberg,C.M.				
TITLE				
Young alcoholics.				
JOURN_BOOK				
British Journal of Psychiatry				
VOLUME	SECTION	PAGES	CODES	INT_CODE
115	519	181-188	CLIN DRUG SPM AUST	C.
ABSTRACT				
A clinical and psychological study was made of alcoholics aged 30 and less. Psychometric testing revealed high levels of neurot- icism and anxiety, giving support to the clinical impression that they drank in order to relieve symptoms such as loneliness, feelings of inferiority, anxiety and frustration. Results on SPM indicate that young alcoholics are of higher intelligence than alcoholic controls. However,members of the younger group were on average nearly twenty years younger than the controls.				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Sheppard,C., Fiorentino, D., Collins, L. & Merlis, S.				
TITLE				
Further study of performance errors on Raven's Progressive Matrices (1938)				
JOURN_BOOK				
Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
71	-	127-132	CRIT CLIN DRUG PERS. ITEM CORR SPM NOAM	C.
ABSTRACT				
In an attempt to identify the existence of reasoning errors in psychotic patients, the performance of male narcotic users defined as secondary sociopaths (N=19) and schizophrenic mized type (N=15) by M.M.P.I. profile type was analysed for avoidable errors on SPM. Avoidable error was defined as failure to solve an item whose difficulty level was within testee's range of ability to solve as measured by his performance. Construct validity was demonstrated with regard to intercorrelations of SPM %ile score, item difficulty levels and number of avoidable errors. Tests of significance showed paranoid patients committed more avoidable errors than the secondary sociopathic and mixed				

MATRICES YEAR				
SPM		1969		
AUTHOR				
Sutter,J.M., Luccioni, H. & Scotto, J.C.				
TITLE				
Valeur des methodes de mesure de l'intelligence: A propos d'une enquete menee chez des schizophrenes.				
JOURN_BOOK				
Annales Medico-Psychologiques.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	-	439	CLIN PSSS IQTS SPM EURO	C.
ABSTRACT				
Summary of a paper delivered in Marseilles in which the authors comment on a discordance in results obtained from a group of 28 stabilised schizophrenics, when given the Wechsler-Bellevue, the Binois-Bichot and the S.P.M. They argue that there is no contradiction in the results, but that each test measures different aspects of intelligence and should ideally therefore be used together. (Summary in French)				

MATRICES		YEAR		
SPM		1969		
AUTHOR				
Wiltshire,E.B. & Gray,J.E.				
TITLE				
Draw-A-Man and Raven's Progressive Matrices (1938) intelligence test performance of Reserve Indian children.				
JOURN_BOOK				
Canadian Journal of Behavioral Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	2	119-122	ANTHROP KIDS IQTS CORR RACE SPM NOAM	A.
ABSTRACT				
86 Canadian Reserve Indian children from 7-15 yrs. were tested on the Harris-Goodenough Draw-A-Man and SPM tests. The SPM mean IQ's were: girls 79, boys 85, not significantly different. The tests were significantly correlated (raw scores r=0.67; IQ's r=0.53). Older children had significantly lower IQ's on SPM only. These results caution against assuming that these tests, especially SPM, are culture free measures of intelligence.				

MATRICES		YEAR		
SPM		1968		
AUTHOR				
Amerio,P.				
TITLE				
Componenti psicologiche dei fenomeni di "irrealta":Evidenziati in esperienze di livello di aspirazione: Contributi sperimentall.				
JOURN_BOOK				
Bolletino di Psicologia Applicata				
VOLUME	SECTION	PAGES	CODES	INT_CODE
88-	90	63-72	CLIN PERS CORR SPM EURO	C.
ABSTRACT				
Studied the psychological meaning of N.Cassel's unreality, by means of its concurrence with other types of variables,and sought a new experimental contribution to the problem of affective and emotional factors on the perceptive and cognitive activity. 104 16yr.old students were given Cassel's Group Level of Aspirat- ion Test (CGAT) and P. Amerio's Colour naming after being given R.Cattell's Scale of anxiety, EPPS, and SPM. It is concluded that this study confirms Cassel's 'phenomena of unreality'. 2 types of personality emerge from the CGAT: one has high but realistic aspirations and is an individual who is sure of himself The other too, has high aspirations but not in proportion to his potential:				

MATRICES	YEAR			
SPM	1968			
AUTHOR				
Blumenkrantz,J., Wilkin,W.R. & Tuddenham,R.D.				
TITLE				
Relationships between the Progressive Matrices & AGCT-3a among older military personnel.				
JOURN_BOOK				
Educational and Psychological Measurement				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28	-	931-935	VOC AGES IQTS NORM CORR SPM NOAM	V.
ABSTRACT				
SPM was administered with AGCT-3a to 240 U.S. Army sergeants approaching retirement after 20 years service. Their performance at a mean age of 43, compare favourably with normative data in the manual of SPM. A normative table is provided. SPM correlated 0.75 with AGCT-3a, and -.22 with age.				

MATRICES		YEAR		
SPM		1968		
AUTHOR				
Cannon,G.H.				
TITLE				
Relationships of certain characteristics of African learners to achievement in programmed instruction.				
JOURN_BOOK				
Dissertation Abstracts International				
VOLUME	SECTION	PAGES	CODES	INT_CODE
29	2-A	509	ANTHROP EDUC SLCT STUD SPM AFRICA	A.
ABSTRACT				
A criterion test was developed to determine whether programmed learning could be used for science instruction at the higher intellectual levels in Tanzanian secondary schools. SPM was given concurrently. Using a stepwise regression analysis the criterion accounted for 7.3% of the variance while the addition of SPM would have increased this to 12.2%				

MATRICES		YEAR		
SPM		1968		
AUTHOR				
Crickmore,L.				
TITLE				
An approach to the measurement of music appreciation (II).				
JOURN_BOOK				
Journal of Research in Music Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
16	-	291-301	MISC PERS FACT VALD SPM UK	-
ABSTRACT				
Describes the use of a syndrome test for the study of music appreciation. Results of 70 students on the test are compared with personality variables and intellectual performance (SPM). Factorial analysis identified SPM as loading highly on a single factor (0.94) which was independent of other dimensions under examination.				

MATRICES		YEAR		
SPM		1968		
AUTHOR				
Culton,G.L.				
TITLE				
Spontaneous Recovery from Aphasia				
JOURN_BOOK				
Doctoral thesis, University of Denver				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CLIN NUSY BRDM VERB SPM NOAM	C.
ABSTRACT				
Two groups of 'recent' and 'stable' aphasics were compared on language functions and with SPM, testing being repeated after a six week interval. Comparison of scores of recent aphasics demonstrated a general relationship between the severity of aphasia and intellectual function. Subjects with recent aphasias scored lower on SPM when severely aphasic and higher on SPM when mildly aphasic.				

MATRICES		YEAR		
SPM		1968		
AUTHOR				
Deutsch,M., Katz, I. & Jensen, A.R.				
TITLE				
Social Class, Race and Psychological Development				
JOURN_BOOK				
Holt Rinehart and Winston 1968 (See Ch. 4 Social Class and Verbal Learning by A.R. Jensen.)				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CRIT VERB RACE THEO SCLS SPM ANTHROP NOAM JENS	-
ABSTRACT				
Discusses the proposition that successful performance on intelligence tests, and especially so-called nonverbal tests, requires spontaneous verbalisation on the part of the subject. This is then related to differences found between white and nonwhite populations.				

MATRICES		YEAR		
SPM		1968		
AUTHOR				
Domino,G.				
TITLE				
Culture free tests and the academic achievement of foreign students.				
JOURN_BOOK				
Abstract. Journal of Consulting and Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
32	-	102	EDUC IQTS STUD CORR VALD SPM ANTHROP NOAM	E.
ABSTRACT				
Four culture-fair tests, including SPM were administered to college students from 21 countries. Attempts to predict academic achievement (GPA) were unsuccessful.				

MATRICES		YEAR		
SPM		1968		
AUTHOR				
Dudek,B. and Kietlinski,R.				
TITLE				
Tymczasowy Podrecznik do zestawu testow stosowanych w poradnict- wie zawodowym. (Provisional manual for the battery of tests used in vocational counselling).				
JOURN_BOOK				
Ministry of Schools and Higher Education, Warsaw.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	VOC ANTHROP NORM STUD RELI SPM EURO	V.A.
ABSTRACT				
Testing carried out on 1278 children from grades 7-11, with retest of 80 subjects.			[Text in Polish]	

MATRICES YEAR				
SPM		1968		
AUTHOR				
Finnie,F.R.				
TITLE				
The Relationship between Perceptual Field Articulation and Intellectual Functioning in Paranoid Male Schizophrenics.				
JOURN_BOOK				
Doctoral Thesis, George Washington University				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CLIN PSSS ? SPM NOAM	C.
ABSTRACT				

MATRICES		YEAR		
SPM		1968		
AUTHOR				
Fogelman,K.R.				
TITLE				
Modern mathematics and intelligence tests.				
JOURN_BOOK				
Educational Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
11	1	71-73	EDUC KIDS SPM UK	E.
ABSTRACT				
Investigated the effects on intelligence tests of previous exper- ience with certain mathematical materials and topics. Five class- es of 7-8 yr. old English children were given training for two terms with an apparatus designed to promote familiarity with the grouping of objects according to their attributes. Six classes of comparable children constituted the controls. Of those completing a picture test pretest as well as post-tests consisting of the Lorge-Thordike Intelligence Test and SPM, experimental group (n=61) scored significantly higher than control group (n=86) on Lorge-Thordike test. On SPM, scores of experimental group were also higher but not significantly. It is emphasised that due to				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1968		
<i>AUTHOR</i>				
Hutchins,B.E.				
<i>TITLE</i>				
The relationship of selected factors to performance of teenager teacher aides in eleven Appalachian School Districts.				
<i>JOURN_BOOK</i>				
Doctoral Thesis. Ohio University				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
-	-	-	EDUC STUD CORR VALD SPM NOAM	E.
<i>ABSTRACT</i>				
29 personal and situational variables were examined in relation to the effectiveness of high school students serving as teacher aides in elementary schools. SPM was among five variables which correlated significantly with the criterion.				

MATRICES YEAR				
SPM		1968		
AUTHOR				
Isaacs,E.				
TITLE				
The Introduction into Australia of Raven's Progressive Matrices (1938) Test.				
JOURN_BOOK				
A.C.E.R. Report, Victoria, Australia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CRIT SPM AUST	-
ABSTRACT				

MATRICES		YEAR		
SPM		1968		
AUTHOR				
Kaldegg,A.				
TITLE				
Friedel: A clinical study of culture pattern, personality and pathology.				
JOURN_BOOK				
British Journal of Projective Psychology and Personality Study.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
13	1	5-10	CLIN WBIT PERS SPM EURO UK	C.
ABSTRACT				
Presents the case of a 30 year old German woman who became emotionally disturbed while in nurse training in England. A diagnostic evaluation based on SPM, parts of the Wechsler, Lennep's 4-picture test, and the Rorschach are presented. Following transfer to another hospital, the patient's symptoms of paranoid thinking became more prominent, even though she continued nurse training without any complaints from others. Her mental condition worsened while on leave in Germany. It is concluded that her defences in her own country were less effective than those she was able to mobilise in a less familiar environment.				

MATRICES YEAR				
SPM		1968		
AUTHOR				
Loureiro,J.E.				
TITLE				
Distribuicao do factor "g" em grupos diferenciados.				
JOURN_BOOK				
Revista de ciencias do Homem, Serie A				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	-	175-220	ANTHROP SPM EURO	A.
ABSTRACT				
[Text in Portuguese]				

MATRICES YEAR				
SPM	1968			
AUTHOR				
MacArthur,R.S.				
TITLE				
Intellectual abilities and cultural influences: Eastern Eskimos and Central Africans.				
JOURN_BOOK				
Condensation from a Research Proposal of the same title presented to Canada Council				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP SPM NOAM AFRICA	A.
ABSTRACT				
A research plan is detailed for samples of Canadian Eskimos, Greenland Eskimos and Central Africans of ages 9-30 and of both sexes in comparison with Alberta whites. SPM is among the tests advocated.				

MATRICES		YEAR		
SPM		1968		
AUTHOR				
Matthews,C., Chun,R.W.M., Grabow,J.D. and Thompson,W.H.				
TITLE				
Psychological sequelae in children following California Arbovirus Encephalitis.				
JOURN_BOOK				
Neurology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	-	1023-1030	CLIN KIDS BRDM EEGM IQTS WISC SPM NOAM	C.
ABSTRACT				
33 children were followed up after suffering from California encephalitis virus (CEV). A battery of psychological tests including SPM was administered, and results related to age of onset, time since onset, and presence of EEG abnormalities. The group showed no significant impairment on the test battery.				

MATRICES		YEAR		
SPM		1968		
AUTHOR				
McCabe,J.J.C.				
TITLE				
The Standard Progressive Matrices. Percentile norms for 456 fourth form pupils following General Certificate of Education Ordinary level courses in chemistry.				
JOURN_BOOK				
National Foundation of Educational Research, Test Information Sheet TIS/28.01				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC NORM STUD SPM	E.N.
ABSTRACT				
Reports percentiles for 310 boys and 146 girls, aged between 14.6 and 15.9.				

MATRICES		YEAR		
SPM		1968		
AUTHOR				
Mehrotra,K.K.				
TITLE				
A comparative study of WISC and Raven's Progressive Matrices.				
JOURN_BOOK				
Psychological Studies				
VOLUME	SECTION	PAGES	CODES	INT_CODE
13	-	47-50	ANTHROP WISC CORR VALD SPM ASIA	A.
ABSTRACT				
45 students from a Delhi secondary school were given WISC and SPM to determine how far SPM can be substituted for WISC. Age range of subjects was 13 to 17. About 47% of WISC variance was found to be common with SPM, with a correlation of .68. Concluded that each test has much in common with the other but the two are not interchangeable.				

MATRICES		YEAR		
SPM		1968		
AUTHOR				
Mehrotra,K.K.				
TITLE				
The relationship of the WISC to the Progressive Matrices.				
JOURN_BOOK				
Journal of Psychological Researches				
VOLUME	SECTION	PAGES	CODES	INT_CODE
12	-	114-8	ANTHROP EDUC CORR VALD WISC KIDS SPM ASIA	A
ABSTRACT				
Relationship between WISC and SPM is reported, based on data from 45 students of upper SES, ages 13-17, in a Delhi school. Means were generally consistent with normative data SPM correlated 0.68 with full WISC and significantly with all but three subscales.				

MATRICES		YEAR		
SPM		1968		
AUTHOR				
Natalicio,L.F.				
TITLE				
Aptidado general, status, social e sexo: Um estudo de adolescents Brasileiros e Norte Americanos.(General aptitude,social status and sex: A study of Brazilian and North Americans adolescents)				
JOURN_BOOK				
Revista InterAmericana de Psicologia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	1	25-34	ANTHROP RACE SCLS SPM NOAM SCAM	A.
ABSTRACT				
Examines the relationship between social status and general aptitude in 320 fourteen year old Brazilian and North American subjects to determine if the variable culture affects the relat- ionship. Data, obtained from administration of SPM and from a review of studies done in U.S. and Brazil concerning the relation of social status and aptitude, indicate that culture is a significant variable.				

MATRICES		YEAR		
SPM		1968		
AUTHOR				
Orme,J.E.				
TITLE				
A comment on estimating WAIS IQ from Progressive Matrices scores.				
JOURN_BOOK				
Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
24	1	94-95	CRIT NORM TECH AGES WAIS SPM UK	-
ABSTRACT				
Shaw rightly points out that as WAIS Full Scale IQ's correlate highly with SPM scores, the latter can be used as a substitute. But Shaw's table of IQ equivalents isnot generally applicable due to omission of age norms. Marked changes with age in SPM scores. Better way of calculating IQ equivalents for SPM is by using the percentile points of normal distribution curve. If IQ scale is used with S.D. of 15 and age norms are calculated, this gives a score directly comparable with the Wechsler. Writer has published such a table for subnormals using CPM. Other norms in later paper.				

MATRICES		YEAR		
SPM		1968		
AUTHOR				
Pardo,F.M.				
TITLE				
La exploracion de la inteligencia en el nino sordumudo: Relaciones entre inteligencia y lengua je. (Exploration of the Intelligence of Deaf Mute Children.)				
JOURN_BOOK				
Revista de psicologia General y Aplicada				
VOLUME	SECTION	PAGES	CODES	INT_CODE
94	-	797-804	CLIN ANTHROP IQTS PHYS KIDS SPM EURO	-
ABSTRACT				
Investigated intelligence of 72 14:17 year old deaf mute girls. All had completed at least two years of schooling. Tests used were Gessell's Geometric Figures Test, Memory of Cubes, Goodneough's Test, Raven's P.M., Figure Drawing and Wechsler's Performance Scale. On Wechsler's Performance Scale, intelligence ranged from normal to low normal with median of 93 range 69--120. Observations were subjects had a slow execution time on majority of tests, a deficient capacity for abstraction, and formation of concepts. good capacity for attention and perception and immediate memory and a problematic capability for adapting to new situations. Concluded that the cause of retarded				

MATRICES YEAR				
SPM		1968		
AUTHOR				
Periaswamy,T.M.				
TITLE				
Development of norms for J.C.Raven's intelligence test on a rural sample.				
JOURN_BOOK				
Master's Thesis. Meston Training College, University of Madras.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP NORM SPM INDIA ASIA	A.N.
ABSTRACT				

MATRICES		YEAR		
SPM		1968		
AUTHOR				
Sheppard,C., Fiorentino, D., Collins, L. & Merlis,S.				
TITLE				
Performance errors on Raven's Progressive Matrices (1938) by sociopathic and schizotypic personality types.				
JOURN_BOOK				
Psychological Reports				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23	-	1043-1046	CLIN PERS DRUG ITEM SPM NOAM	C.
ABSTRACT				
In an attempt to identify the existence of reasoning errors in psychiatric patients, the performance of male narcotic users de- fined as sociopathic (N=36) and schizotypic (N=34) by M..M.P.I. profile patterns was analysed for avoidable errors on SPM. An avoidable error was defined as a failure to solve an item whose difficulty level was within the testee's range of ability as measured by his performance. Construct validity was defined in terms of the inter-correlations of Ravens' centile and item difficulty levels. Parametric and nonparametric tests found significantly more identifiable reasoning errors among schizo- typics than among the sociopathic group.				

MATRICES		YEAR		
SPM		1968		
AUTHOR				
Sheppard,C.,Fiorentino,D., Collins,L. & Merlis,S.				
TITLE				
Ravens Progressive Matrices (1938);Normative data on male narcotic addicts.				
JOURN_BOOK				
Psychological Reports				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23	2	343-348	CRIT CLIN ITEM CORR VALD RELI WAIS DRUG SPM NOAM	C.N.
ABSTRACT				
SPM was administered to 396 narcotic users.Norms are given and concepts basic to validity and reliability of SPM are tested. Significant shifts were found in item order in sets A,B,C & D. Differences were not considered crucial for each test, so total structure of test was supported by sample. Discriminative power of most items ranged from good to excellent. Answer 4 was chosen significantly more often than other alternatives as the wrong answer in sets C,D & E, identifying the possible operation of a positional distractor. Test-retest reliability, content and concurrent validity coefficients were .8. Correlation of formal education with SPM was .2.				

MATRICES		YEAR			
SPM		1968			
AUTHOR					
Tulkin,S.R. & Newbrough,J.R.					
TITLE					
Social class, race and sex differences on the Raven (1956) Standard Progressive Matrices.					
JOURN_BOOK					
Journal of Consulting and Clinical Psychology					
VOLUME	SECTION	PAGES	CODES		INT_CODE
32	4	400-406	EDUC ANTHROP RACE SCLS KIDS IQTS CORR SPM NOA		A.E.
ABSTRACT					
SPM was administered to 356 5th and 6th grade subjects to determine effects of past experiences related to race, social class and sex. All social class differences were significant while a racial difference was found only in the lower class. No sex differences were significant. Relationships between the SPM and other measures (both standard test and family experiences) varied among the different race, class and sex groups. Future research must consider race, class and sex in its investigation of the usefulness of SPM and more generally experimental influence on intelligence and school achievements.					

MATRICES YEAR				
SPM		1968		
AUTHOR				
Vandenberg,S.G.				
TITLE				
The nature and nurture of intelligence.				
JOURN_BOOK				
In Glass,D.C. (Ed.) Genetics. New York: Rockefeller U.P.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	GENET FACT SPM AFRICA EURO	-
ABSTRACT				
In giving an account of the factorial structure of intelligence, the author draws on the studies of Irvine (in Africa) and Husen in Sweden, to illustrate the significance of cross-cultural and genetic factors.				

MATRICES		YEAR		
SPM		1968		
AUTHOR				
Vejleskov,H.				
TITLE				
An analysis of Raven Matrix responses in fifth grade children.				
JOURN_BOOK				
Scandinavian Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	-	177-186	CRIT ANTHROP AGES SCLS ITEM TIME KIDS RACE SPM E URO	A.
ABSTRACT				
Performances of 628 children in SPM were studied by means of the average score in the five series of the test as well as by the time used for the whole test. The analysis considered differences with regard to sex, age and SES. Further, the individual items of the test were analysed with regard to the order of presentation and sex differences of response frequencies. Finally, the nature of the test and the application of a stochastic model are discussed.				

MATRICES YEAR				
SPM		1968		
AUTHOR				
Wattimena,D.M.				
TITLE				
The impact of motivation on intelligence.				
JOURN_BOOK				
Doctoral Thesis. University of California.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC ANTHROP SCLS RACE SPM NOAM	E.A.
ABSTRACT				
Examined the relationship between intelligence (using SPM) and motivation. SPM was given to 60 male and 60 female students at ninth grade under four different instructional sets, presumed to induce four ego-involvement levels. Subjects were from three SES groups - middle class white and working class black and white. A significant SES effect was found. No conclusive evidence was found for racial differences.				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Bannister,D. & Presley,A.S.				
TITLE				
Test selection of overseas nursing candidates: A cross validation study.				
JOURN_BOOK				
Bulletin of the British Psychological Society				
VOLUME	SECTION	PAGES	CODES	INT_CODE
20	-	21-24	VOC CORR VALD SLCT STUD SPM UK	V.
ABSTRACT				
Compares the predictive validity of the General Nursing Council Test and SPM with nursing candidates from overseas. The two tests correlate together (+.416) but, while the GNC relates significant- tly to exam results, SPM was more effective in predicting work efficiency.				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Borzova,E.				
TITLE				
Problemy psychickeho vyvinu deti v podmienkach alkoholikej rodiny [Problems of mental development of children in the alcoholic family]				
JOURN_BOOK				
Psychologia a Patopsychologia Dietata				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	2	152-160	ANTHROP CLIN KIDS SPM EURO	A.C.
ABSTRACT				
Analyses results of psychological examinations and re-education proceedings with 51 6-14 yr.old subjects (29 boys and 22 girls) from alcoholic families who attended a re-educational camp for one month. Psychological examination consisted of intelligence tests (Terman Stanford Revision and SPM), neuroticism question- naire and interview. In the course of re-education, subjects participated twice a week in collective psychotherapeutic sessions. Results of psychological examinations show a greater incidence of neurotic symptoms in these subjects and lowered intelligence level. In their emotional life, they show strong attachment toward abstinent mother and minimal or no positive				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Boyd,M.E. & Ward,G.				
TITLE				
Validities of the D48 for use with college students.				
JOURN_BOOK				
Educational and Psychological Measurement				
VOLUME	SECTION	PAGES	CODES	INT_CODE
27	4	1137-1138	EDUC STUD CORR IQTS SPM NOAM	E.
ABSTRACT				
The D.48, a nonverbal general mental ability test was evaluated for use with college students in comparison with the A.C.T., Otis and SPM. No differences in D.48 scores were related to sex, and the reliability estimate compared favourably with that of the Otis. For efficiency in predicting semester grade point averages, the D.48 ranked below the A.C.T. and Otis but above SPM.				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Budoff,M.				
TITLE				
Learning potential among institutionalised young adult retardates				
JOURN_BOOK				
American Journal of Mental Deficiency				
VOLUME	SECTION	PAGES	CODES	INT_CODE
72	3	404-411	CLIN DFCT WISC WAIS CORR SPM NOAM RFIE	-
ABSTRACT				
Budoff-Friedman study (1964) of learning potential (LP) with institutionalised young adult retardates was replicated. Subjects whose scores following coaching were markedly higher (gainers) were compared with those whose scores remained un- changed (nongainers). There were no differences between the groups in Stanford-Binet or Wechsler V I.Q.'s. Gainers' scores on Wechsler P I.Q., SPM and on problem solving and learning tasks were higher. Chronological age was uncorrelated with LP status. Gainers tend to have been adjudged neglected or behaviour problems : their parents tend to have a higher incidence of convictions for criminal offences.				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Carotenuto,V.				
TITLE				
Esami psico-attitudinali agli studenti dell'universita di Napoli nell'anno 1964-65.				
JOURN_BOOK				
Bolletino di Psicologia Applicata				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	79-119	EDUC VOC STUD SLCT SPM EURO	E.V.
ABSTRACT				
Reports vocational preferences and performance on SPM for 569 students at the University of Naples, and relates their performance to Raven's percentiles. Ss are divided by sex and faculty. [Text in Italian]				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Cate,C.C.				
TITLE				
Test behaviour of ESL Students.				
JOURN_BOOK				
California Journal of Educational Research.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	4	184-187	EDUC ANTHROP CORR WISC STUD WAIS IQTS SPM NOA	E
ABSTRACT				
A special study was made during the summer session with a sampling of students enrolled in ESL (English as second language) classes in an attempt to find out about student behaviour as it related to several group ability tests and to the performance portion of an individual test, e.g. WISC or WAIS. Four non- verbal tests were used, Tests of General Ability, SPM, Cattell Culture Fair Test, Scale 2, and a verbal test in Spanish, Test Rapido Barranguilla. Results indicate that the WISC performance scale or WAIS can be effectively used with ESL students.				

MATRICES YEAR				
SPM		1967		
AUTHOR				
De Cae,C.				
TITLE				
Experimental comparison of Z methods of standardisation in 2 dimensions.				
JOURN_BOOK				
Revue de Psychologie Appliquee.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17	-	1-25	CRIT ITEM KIDS CORR SPM EURO	C
ABSTRACT				
Presents an experimental approach to scoring SPM taking account of right and wrong answers in relation to total score. Subjects were 961 pupils from sixth grade. [Text in French]				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Feuerstein,R. & Shalom,H.				
TITLE				
Milestones in the diagnosis of the intelligence of socioculturally deprived children.				
JOURN_BOOK				
Megamot				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15	-	174-187	CRIT KIDS SPM NOAM	-
ABSTRACT				

MATRICES YEAR				
SPM		1967		
AUTHOR				
Ganguly,A.K.				
TITLE				
An experimental study of the variation in concept formation ability of young adults due to socio-economic status.				
JOURN_BOOK				
Manas				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	-	69-75	ANTHROP SCLS RELI VALD CORR SPM ASIA	A.
ABSTRACT				
A study aiming to show a relationship between SES and concept formation in young adults. 180 students between ages 13 and 15 were sampled, using a matched -pair technique to equate for variables of age, level of education, religion, caste, locality etc. Split-half reliability of .834 and validity coefficients of .622 and .650 are reported.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1967		
<i>AUTHOR</i>				
Goetzinger,C.P.				
<i>TITLE</i>				
Psychological Assessment.				
<i>JOURN_BOOK</i>				
In Fushfeld,I.S.. A Handbook of Readings in Education of the Deaf and Postschool Implications. C.C. Thomas. Springfield III				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
-	-	284-299	EDUC CLIN VERB PHYS SPM NOAM	E.C.
<i>ABSTRACT</i>				
In the course of a more general discussion of testing of the deaf details are given of the unpublished dissertations by Wright (1955) and Gupta (1965) using SPM.				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Goetzinger,C.P., Wills, R.C. & Dekker, L.C.				
TITLE				
Non-language I.Q. tests used with deaf pupils.				
JOURN_BOOK				
Volta Review				
VOLUME	SECTION	PAGES	CODES	INT_CODE
69	-	500-506	CLIN KIDS PHYS IQTS DEAF CORR AGES VERB RELI SPM NOAM	C.
ABSTRACT				
96 children in intermediate department of a state school for the deaf were administered three non language tests of intelligence - Chicago nonverbal, SPM and Terman Merrill non-language multimental test. 3 1/2 months later the tests were repeated. Results showed a significant improvement on the raw scores of SPM. Although subjects had normal I.Q.'s on the Chicago test, they showed about a two year retardation on SPM and Terman tests. When the results were evaluated in terms of Gupta's findings of normal intelligence on SPM and Terman tests for older subjects (CA 18 1/2 years) at the same school, it was postulated that dearth of experiences and not limited language was the				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Hvozdk,J.				
TITLE				
K diagnostickej hodnote skolskeho prospechu ziakov. (Diagnostic value of pupils proficiency).				
JOURN_BOOK				
Jednotna Skola				
VOLUME	SECTION	PAGES	CODES	INT_CODE
19	1	40-62	ANTHROP CLIN EDUC KIDS WISC SPM EURO	A.C.E.
ABSTRACT				
288 elementary school children (144 male, 144 female) were divid- ed into three groups - (1) those who failed (2) average and (3) proficient. A comparative analysis of the results was used as a fundamental method in the evaluation of the W.I.S.C. Verbal scale and SPM and school proficiency. The groups differed most in abstract thinking and least in mechanical memory. The diagnostic and prognostic significance of these relations are analysed. More significant for the knowledge of the pupils personality than school proficiency is the knowledge of his etiology, understand- ing his ability to learn or the level of his mental adaptation to schoolwork in which the pupils intellectual aptitudes are but				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Johnson,E.G., Johnson, C.A. & Price-Williams, D.				
TITLE				
The Draw-a-Man Test and Raven's Progressive Matrices Performance of Guatemalan Boys and Ladino Children.				
JOURN_BOOK				
Revista Interamericana de Psicologia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	2	143-157	ANTHROP IQTS KIDS VALD PHYS SPM SCAM	A.
ABSTRACT				
Draw-a-Man Test (DAMT) and SPM were administered to a group of highland Guatemalan public school children. DAMT, administered to 256 children, showed an overall mean I.Q. of 85. Boys scored significantly higher than girls. No important differences between scores of Indians and Ladinos. SPM given to 34 children also yielded low intelligence scores. Significant correlations between teacher ratings of intelligence and above tests suggest latter have a certain validity in Guatemala. Despite nonverbal nature of test problems it seemed likely that formal and informal cultural differences in educational goals functioned to depress test scores. Also low health levels have been associated with				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Jurjevich,R.M.				
TITLE				
Avoidable errors on Raven's Progressive Matrices and psychopathological indices				
JOURN_BOOK				
Psychological Reports				
VOLUME	SECTION	PAGES	CODES	INT_CODE
21	-	364	CLIN ITEM ARMS CORR PSAT SPM NOAM	C.
ABSTRACT				
Hypothesis was that avoidable errors on SPM are positively relat- ed to number and intensity of recognised symptoms troubling a patient and to MMPI indices of character disturbance, anxiety etc Subjects were 151 Air Force personnel, mean age 23.5 yrs. SPM mean IQ estimate 110.2. Results indicate a moderate signifi- cant association between avoidable errors on SPM and degree of neurotic and characterological aberration. However, such relat- ionship found also among those who make fewer mistakes than expected. Evident that some types of intellectual performance of emotionally disturbed subjects are not systematically influenced by their effective turmoil. Correlations of IQ				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Jurjevich,R.M.				
TITLE				
Intellectual assessment with Gorham's Proverbs Test, Raven's Progressive Matrices and WAIS.				
JOURN_BOOK				
Psychological Reports				
VOLUME	SECTION	PAGES	CODES	INT_CODE
20	-	1285-1286	CRIT IQTS VALD WAIS SPM NOAM	-
ABSTRACT				
Reports a comparison of Gorham's Proverbs, WAIS and SPM with 131 military outpatients, correlations between tests were significant but low enough (between .38 and .68) to conclude that the tests are not interchangeable.				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Kalina,W.				
TITLE				
Wplyw wewnetrznej trafnosci testu na jego trafosc zewnetrzna. (The influence of the internal validity of a test on it external validity).				
JOURN_BOOK				
Przegląd Psychologiczny.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	-	68-76	CRIT VALD ITEM SPM EURO	-
ABSTRACT				
The paper deals with a specific internal validity of SPM namely with the discrimination power of items in the scale and their relative weight, as revealed in their influence on the internal validity of the test. A study of 370 girl students and 370 boy students served the author to establish the relative value of items in the scale by means of the coefficient of discrimination power of a test, which serves to verify validity of the scale key (the original hypothesis of the author of the scale) by means of an experimental group. The author shows that the verified discrimination power can help to evaluate the hypotheses of the author of the scale as to which answer is to be considered correct. The influence				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Klingelhofer,E.L.				
TITLE				
Performance of Tanzanian secondary school pupils on the Raven Standard Progressive Matrices Test.				
JOURN_BOOK				
Journal of Social Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
72	2	205-215	ANTHROP NORM RACE AGES SPM AFRICA	A.
ABSTRACT				
Performance of 3,692 Tanzanian secondary schoolboys on SPM is analysed. Differences in mean level of performance were found to be associated with ethnic group (African or Asian), age and sex of student, but were independent of form level and tribe or community groupings.				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Kumar,P.				
TITLE				
Intelligence and student leadership.				
JOURN_BOOK				
Journal of Psychological Researches				
VOLUME	SECTION	PAGES	CODES	INT_CODE
11	2	45-47	ANTHROP PERS STUD SPM ASIA	A.
ABSTRACT				
SPM was administered to two samples of students, 20 leaders and 20 nonleaders. The mean scores for the two groups were 45.05 and 45.1 respectively; the difference was not significant.				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
MacArthur,R.S.				
TITLE				
Sex differences in field dependence for the Eskimo.				
JOURN_BOOK				
International Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	2	139-140	ANTHROP CORR KIDS SPM NOAM	A.
ABSTRACT				
Berry found sex differences in field dependence in Temne and Scottish samples, but found no significant sex differences in field dependence in samples of Eastern Eskimo from Baffin Island. Macarthur has duplicated this study with 2 samples of Western Eskimo pupils to whom was administered the Embedded Figures Test. Correlations between sex and Embedded figures was near zero, thus supporting Berry's results. While reliability checks on Embedded Figures were not made for these samples, the correlations between this test and SPM were .70 and .68 for the respective samples, suggesting reasonable reliabilities.				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Maderna,A.M. and Valsechini, S.				
TITLE				
Ricerca sulle capacita di previsione scolastica del P.M. 38 di Raven. (Research on the predictive capacity of Raven's Progressive Matrices (1938 Test).				
JOURN_BOOK				
Bolletino di Psicologia Applicata.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	79-82-67-8	ANTHROP EDUC CORR KIDS SLCT VALD RELI SPM EURO	E.A.
ABSTRACT				
Of 290 students who took SPM on admission, only 139 successfully completed secondary school. These subjects were retested and divided into various groups according to scholastic achievement. A control group of 25 subjects from another secondary school was given the same test and W.I.S.C. on admission and at the end of their third year. Data obtained indicate that subjects with scores less than 18 on SPM were likely to encounter scholastic failure, while 76% of subjects with scores over 35 would succeed. This confirmed the hypothesis that it is possible to determine the existence of a minimum psychometric level below which the possibility of scholastic success of subjects examined is				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Majumdar,P.K., Dasgupta,J., Basu,K. and Dutta,D.				
TITLE				
On the working of a battery of psychological tests: Raven's Standard P.M. Test.				
JOURN_BOOK				
Bulletin of the Council of Social and Psychological Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	-	1-6	ANTHROP NORM SPM ASIA	A.
ABSTRACT				
Presents a normative study of SPM along with a few other cognitive ability tests on 2836 higher secondary students of Calcutta, India. Normative studies for different subgroups were undertaken and the order of placement of the different subtests of the test in the total scale continuum were verified. No significant difference in the overall difficulty value of Set C with that of Set D was noticeable. However,results indicate that set D might precede set C in the scale continuum.				

MATRICES YEAR				
SPM		1967		
AUTHOR				
Newcomb,W.B. Jr.				
TITLE				
Normal achieving and under-achieving hearing impaired student's performance on Raven's Progressive Matrices (1938) and the Hooper Visual Organisation test.				
JOURN_BOOK				
Master's Thesis. University of Texas				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC PHYS SPM NOAM	E.
ABSTRACT				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1967		
<i>AUTHOR</i>				
Nieto,S., Alegre,Navarro,L., Santa Cruz,G. and Dominguez,A.				
<i>TITLE</i>				
Diferencias regionales en la medida de la inteligencia con el test M.P. (Raven)				
<i>JOURN_BOOK</i>				
Revista de Psicologia General y Aplicada				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
22	88-	89:699-707	ANTHROP SCLS SPM EURO	A.
<i>ABSTRACT</i>				
An extensive Spanish study of differences between various regions in performance on SPM. Social class effects are invoked. In addition, an increase in mean scores was noted between testing in 1963 and 1965 (P<.01).				

MATRICES YEAR				
SPM	1967			
AUTHOR				
Patted,G.M.				
TITLE				
A study of spatial ability in high school pupils and its relation to success in architecture course.				
JOURN_BOOK				
Dissertation, Department of Psychological Foundations, NCERT, Delhi.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC VOC VALD SLCT KIDS SPM ASIA ANTHROP	E.V.
ABSTRACT				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1967		
<i>AUTHOR</i>				
Rafi,A. Abi.				
<i>TITLE</i>				
The Progressive Matrices (1938) and the Dominoes (D48) tests: A cross-cultural study.				
<i>JOURN_BOOK</i>				
British Journal of Educational Psychology				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
37	-	117-119	ANTHROP IQTS CORR ITEM SLCT STUD SPM ASIA	A.
<i>ABSTRACT</i>				
SPM and D48 were used in a selection battery for entry to techni- cal college; 1167 Lebanese subjects, aged 17-25 completed both tests under timed conditions. Results show that the rank order of difficulty of SPM items is well maintained both within and between sets. In a second study 170 completed untimed SPM with comparable results. Correlation of SPM with D48 was .58 and .595. Both tests were deemed to perform well in a cross-cultural setting.				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Rosler,H.D.				
TITLE				
Sakulare Anderungen in der Entwicklung der Intelligenz.				
JOURN_BOOK				
Heilkunst				
VOLUME	SECTION	PAGES	CODES	INT_CODE
80	-	337-345	CRIT SPM EURO	-
ABSTRACT				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Schnell,R.R. & Dwarshuis, L.				
TITLE				
Progressive Matrices: Scores and Time.				
JOURN_BOOK				
Educational and Psychological Measurement.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
27	2	485-487	CRIT IQTS CORR PHYS SPM NOAM	-
ABSTRACT				
Effects of untimed P.M. were investigated by comparing scores on it with scores on another nonverbal test of intellectual functioning - the timed Revised Beta. Both tests given to 31 residents of a rehabilitation centre. A negligible correlation was obtained between SPM and time taken to complete it. Scores computed by subtracting SPM standard scores from Beta standard scores were found to be positively correlated with length of time taken to complete SPM. This result suggests that use of time may be a variable to consider when using SPM.				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Shaw,D.J.				
TITLE				
Estimating W.A.I.S. I.Q. from Progressive Matrices scores.				
JOURN_BOOK				
Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23	2	184-185	CRIT CORR WAIS PSAT SPM NOAM	-
ABSTRACT				
Purpose was to establish efficacy of SPM in the prediction of W.A.I.S. full scale I.Q. Subjects were 83 neuropsychiatric hospital patients. SPM given as group test and within at least three days a full scale W.A.I.S. given individually. Co-relation of .83 between SPM score and W.A.I.S. full scale I.Q.'s. Regression equation for predicting W.A.I.S. full scale I.Q. was obtained and standard error of estimate calculated. Since SPM has been well established by previous research as instrument with considerable reliability, results of present study indicate it can be considered a valuable and economical substitute for W.A.I.S. when only an I.Q. estimate is required.				

MATRICES YEAR				
SPM	1967			
AUTHOR				
Singh,B.K.				
TITLE				
Personality correlates of academic achievement of College Students.				
JOURN_BOOK				
Ph.D. Dissertation, Patna University.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC PERS STUD ?SPM ASIA	-
ABSTRACT				

MATRICES YEAR				
SPM	1967			
AUTHOR				
Srivastava,A.K.				
TITLE				
An investigation into the factors related to educational underachievement.				
JOURN_BOOK				
Ph.D Dissertation, Patna University.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC SPM ANTHROP ASIA	-
ABSTRACT				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1967		
<i>AUTHOR</i>				
Sullivan,A.M.				
<i>TITLE</i>				
The measurement of individual differences in transferability.				
<i>JOURN_BOOK</i>				
Atlantic Psychologist				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
16	1	1-13	EDUC KIDS IQTS SPM NOAM	E.
<i>ABSTRACT</i>				
Description of a series of studies, some as yet incomplete, concerned with the correlates of verbal and non-verbal transfer effects. In particular, a study with four groups of Grade VI subjects used combinations of high and low scorers on SPM and Otis. High SPM/Low Otis group showed more positive transfer, while High Otis/Low SPM showed significant negative transfer from non-verbal material to a verbal test (the Verbal Analogies Test).				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1967		
<i>AUTHOR</i>				
Sullivan,A.M.				
<i>TITLE</i>				
The measurement of individual differences in transferability.				
<i>JOURN_BOOK</i>				
Atlantic Psychologist				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
16	1	1-13	EDUC KIDS IQTS SPM NOAM	E.
<i>ABSTRACT</i>				
Description of a series of studies, some as yet incomplete, concerned with the correlates of verbal and non-verbal transfer effects. In particular, a study with four groups of Grade VI subjects used combinations of high and low scorers on SPM and Otis. High SPM/Low Otis group showed more positive transfer, while High Otis/Low SPM showed significant negative transfer from non-verbal material to a verbal test (the Verbal Analogies Test).				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Sydiaha,D.				
TITLE				
Prediction of W.A.I.S. I.Q. for psychiatric patients using the Ammons' F.R.P.V. and Ravens Progressive Matrices.				
JOURN_BOOK				
Psychological Reports.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
20	3	823-826	CLIN CORR IQTS WAIS VALD SPM NOAM	C.
ABSTRACT				
40 patients at a psychiatric hospital were tested with the follow ing tests of intelligence:WAIS,SPM and forms A&B of the Full-Range Picture Vocabulary Test (FRPV). Regression analysis using WAIS as the criterion and the other two tests as predictors indicated that either form A or form B of the FRPV predicted WAIS IQ but SPM did not.				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Tully,G.E.				
TITLE				
Test-retest reliability of the Raven Progressive Matrices Test (Form 1938) and the California Test of Mental Maturity, Level 4 (S-F 1963).				
JOURN_BOOK				
Florida Journal of Educational Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	-	67-74	EDUC KIDS RELI CORR IQTS SPM NOAM VALD	E.
ABSTRACT				
A study designed to establish the test-retest reliability of SPM and the California Test of Mental maturity (CTMM). The pattern of scores on both tests was also studied. Subjects were from four schools in Florida. Means are reported separately for each school and by sex. SPM correlated .65 with total CTMM, and had a test re-test reliability coefficient of .82 after one year.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1967		
<i>AUTHOR</i>				
Vandenberg,S.G.				
<i>TITLE</i>				
Hereditary factors in psychological variables in man, with a special emphasis on cognition.				
<i>JOURN_BOOK</i>				
In Spuhler,J.N. (Ed) Genetic Diversity and Human Behavior. Chicago, Aldine Publishing Co.				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
-	-	-	GENET IQTS SPM NOAM	-
<i>ABSTRACT</i>				
In evaluating the hereditary contribution to intelligence through MZ and DZ twins, reference is made to an earlier study by the author (1962), where SPM and AH4 showed some hereditary variance but not as much as tests of more specific abilities.				

MATRICES		YEAR		
SPM		1967		
AUTHOR				
Wetherick,N.E.				
TITLE				
Structure and content in concept attainment : Effects of varying problem content.				
JOURN_BOOK				
British Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
58	-	223-226	OTHER STUD CORR SPM UK	-
ABSTRACT				
Three equivalent forms of a concept attainment task were employed on the hypothesis that both unfamiliar problem content and relatively familiar problem content would have the effect of reducing the efficiency with which problems were solved by comparison with neutral problem content. Assessment of nonverbal intelligence was with the SPM, with a time limit of 15 minutes. The scores obtained must obviously not be regarded as adequate measures, but they do permit the subjects to be ranked.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1966		
<i>AUTHOR</i>				
Andrews,R.J. & Anderson,J.				
<i>TITLE</i>				
The use of the Quick Test in a number of clinical and routine settings.				
<i>JOURN_BOOK</i>				
Australian Psychology				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
1	2	116-120	EDUC KIDS IQTS CORR SPM AUST	E.
<i>ABSTRACT</i>				
The suitability of the Quick test was evaluated in four different settings, using established tests as criterion measures. These included a group of 30 primary school children who complet- ed the QT and SPM in a group setting. Correlation between the two tests was +.467.				

MATRICES		YEAR		
SPM		1966		
AUTHOR				
Aurin,K.				
TITLE				
Begabungsbestand und Bedingungsfaktoren der Bildungsbereitschaft. [Potential ability and factors influencing educational readiness].				
JOURN_BOOK				
In F.Merz (Ed) Bericht uber den 25. Kongress der deutschen Gesellschaft fur Psychologie Munster.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	29-40	EDUC IQTS STUD SLCT SPM EURO	E.
ABSTRACT				
To ascertain potential ability and educational readiness of students in 61 German townships, 1,143 students from the element- ary school to the university level were tested. The test battery included a vocabulary test, the Culture Free Intelligence Test, SPM, House-Tree-Person Test, an essay, the Wartegg-Sacher Characterological Intelligence Test, Horns Achievement Test and Horn's Reasoning Factor Subtest. 28 test variables were present. Significant correlations appeared between (1) school grades and the combined profiles of the achievement test and the reasoning factor test (2) grades in mathematics and the reasoning factor subtest (3) German grades and the word fluency subtest and				

MATRICES		YEAR		
SPM		1966		
AUTHOR				
Bingham,W.C., Burke, H.R., & Murray, S.				
TITLE				
Progressive Matrices: Construct validity.				
JOURN_BOOK				
Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
62	-	205-209	CRIT WAIS CORR VALD AGES SPM NOAM	C.
ABSTRACT				
Analysis of the intercorrelations of scores by 39 unselected veterans on SPM, the W.A.I.S., Cohen's WAIS factors, the Army General Classification Test and age suggest that SPM measures principally a common general factor of intellectual functioning; that SPM is not more related to Cohen's W.A.I.S. factor B (perceptual organisation) than to his factor A (verbal comprehension) but is probably related to both through an underlying general factor, and that SPM is not clearly related inversely to age, within the age range of the subjects.				

MATRICES		YEAR		
SPM		1966		
AUTHOR				
Boller,F. & Vignolo.L.A.				
TITLE				
Latent sensory aphasia in hemisphere damaged patients: An experi- mental study with the Token test.				
JOURN_BOOK				
Brain				
VOLUME	SECTION	PAGES	CODES	INT_CODE
89	-	815-830	CLIN NUSY BRDM CORR SPM EURO	C.
ABSTRACT				
A study primarily directed to evaluating the Token test, but SPM was used as an independent measure in all the 31 control subjects and 84 of the 90 brain damaged subjects. Controls performed significantly better than brain damaged subjects on SPM, but there was no difference between subgroups of brain-damaged subjects. No significant correlations were found for any groups between TT and SPM.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1966		
<i>AUTHOR</i>				
Boyd,M.E., & Ward,G.				
<i>TITLE</i>				
A factor analysis of the D48.				
<i>JOURN_BOOK</i>				
Proceedings, West Virginia Academy of Science				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
38	-	201-204	CRIT EDUC CORR IQTS STUD FACT SPM NOAM	E.
<i>ABSTRACT</i>				
The D48, seven 'pure factor' tests, the Otis and SPM were administered to 231 college students. The resulting correlation matrix was factor analysed. In factor structure, the D48 did not include Perceptual speed, is more similar to the Otis than to SPM and is more complex than SPM.				

MATRICES		YEAR		
SPM		1966		
AUTHOR				
Bruni,P.				
TITLE				
Uno studio sulle possibilita del D.48 nella scuola media. (A Study of the Application of the D.48 in Secondary School).				
JOURN_BOOK				
Bolletino di Psicologia Applicata				
VOLUME	SECTION	PAGES	CODES	INT_CODE
77-	78	157-169	EDUC STUD CORR IQTS SPM EURO	-
ABSTRACT				
The D.48 test of general intelligence was administered to 231 male and 198 female 11-15 year old secondary school students to consider various aspects of the test's validity. Findings reveal that: (1) an increase in execution time from 25-45 minutes improves discriminative capacity of test, (2) the D.48 has a .67 correlation with P.M. 38, with minimal fluctuations for subjects in this age group and from one group to another, (3) the influence of cultural level is not clearly defined - minimal with respect to family environment and high when applied to scholastic matters. (4) The D.48 is highly correlated with scholastic success in mathematics, and inconsistent where Italian and Latin are concerned.				

MATRICES		YEAR		
SPM		1966		
AUTHOR				
Cantwell,Z.M.				
TITLE				
Relationships between scores on the Standard Progressive Matrices (1938) and on the D.48 Test of nonverbal intelligence and three measures of academic achievement.				
JOURN_BOOK				
Journal of Experimental Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
34	4	28-31	EDUC STUD IQTS CORR SPM NOAM	E
ABSTRACT				
Investigated the relationship between scores on SPM, the D.48 test of nonverbal intelligence and three indices of academic performance; namely the College Entrance Examination Board, Scholastic Aptitude Test (SAT) Verbal and Mathematics subtests and high school grade point averages. Scores were obtained for 139 freshmen at a midwestern women's college. Coefficients of correlation among the scores on the five measures were computed. Neither SPM nor D.48 test could be identified as a highly valid indicator of general academic achievement, and neither appeared to be strongly related to performance on the SAT—Mathematics test. Accordingly, the former two tests appear				

MATRICES YEAR				
SPM		1966		
AUTHOR				
Centre D'Etude Professionelle (Centre d'Orientation Professionelle at Leopoldville).				
TITLE				
Etude sur le P.M. de Raven				
JOURN_BOOK				
Mimeographed, Leopoldville, 1958.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
36	1	32	ANTHROP KIDS RACE SPM AFRICA	A
ABSTRACT				

MATRICES		YEAR		
SPM		1966		
AUTHOR				
Colonno,A. & Faglioni, P.				
TITLE				
The performance of hemisphere-damaged patients on spatial intelligence tests.				
JOURN_BOOK				
Cortex				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	-	293-307	CLIN NUSY BRDM CORR VERB SPM EURO	C
ABSTRACT				
Evaluated two spatial intelligence tests (Elithorn's Perceptual Maze Test (PMT) and SPM) on 112 right handed patients with unilateral right and left hemispheric lesions. Analysis of covariance revealed no significant difference between the test performance of the two hemispheric groups. "Right brain damaged patients performed worse than left brain damaged patients on the PMT, but any significant difference disappeared when scores were adjusted for visual reaction times, which were slower in the right brain damaged group. Aphasics performed worse than nonaphasic left brain damaged patients on both tests while patients with visual field defects performed worse than those without visual				

MATRICES		YEAR		
SPM		1966		
AUTHOR				
Dockrell,W.B.				
TITLE				
Secondary education, social class, and the development of abilities.				
JOURN_BOOK				
British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
36	1	7-14	EDUC SCLS KIDS IQTS SPM UK AGES	E.
ABSTRACT				
Reports an investigation into the relationship between patterns of abilities and two environmental variables, SES and type of secondary education. Included in a battery of tests was SPM. Subjects were aged 12 and 14. Lower and middle class patterns differed somewhat on the relative improvements on the battery of tests.				

MATRICES		YEAR			
SPM		1966			
AUTHOR					
Evans,L.					
TITLE					
A comparative study of the Wechsler Intelligence Scale for Children (Performance) and Raven's Progressive Matrices with deaf children.					
JOURN_BOOK					
Teacher of the Deaf.					
VOLUME	SECTION	PAGES	CODES		INT_CODE
64	-	76-82	EDUC CLIN WISC PHYS KIDS RELI CORR AGES VERB SP MUK VALD		E.C.
ABSTRACT					
The Wechsler Intelligence Scale for Children (Performance Sub- Scale) and SPM were administered to 100 deaf or partially hearing children. Three years after the initial testing, 42 of the subjects were retested. The W.I.S.C. (perf.) results had high internal consistency and high retest stability, and were distributed within reasonably normal limits. The Progressive Matrices test was also a highly reliable measure of current intellectual output, but the results were substantially below normal and showed some fluctuation with time, and there was low intercorrelation with the W.I.S.C. (perf.) results.					

MATRICES		YEAR		
SPM		1966		
AUTHOR				
Fung,Y.W.				
TITLE				
A study in general ability testing Hong Kong: The application of Raven's Progressive Matrices (1938) as a group timed test and its relations to attainments in four academic areas.				
JOURN_BOOK				
Journal of Education (Hong Kong)				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23	-	56-59	ANTHROP EDUC TIME KIDS CORR VALD SPM ASIA	A.E.
ABSTRACT				
98 students from two Anglo-Chinese secondary schools were given SPM with a 20 minute and 30 minute time limit, and results correlated with attainment measures. The longer the time was found more satisfactory. Low correlations with Arts and Science were found. Practical value of SPM may be greater if accompanied by a suitable verbal test.				

MATRICES		YEAR		
SPM		1966		
AUTHOR				
Goetzinger,C.P., Ortiz,J.D., Bellrose,B. & Buchan,L.G.				
TITLE				
A study of the S.O. Rorschach with deaf and hearing adolescents.				
JOURN_BOOK				
American Annals of the Deaf				
VOLUME	SECTION	PAGES	CODES	INT_CODE
11	-	510-522	CLIN VERB PHYS KIDS SPM NOAM	C.
ABSTRACT				
Responses to structural objective Rorschach test of 24 deaf advanced students (12 males, 12 females) were compared with those a of comparable group randomly selected from junior and senior high school classes. Scores of deaf subjects were inferior to those of hearing in Theoretical Function and Inductive Reasoning but higher on structuring. Only sex differences were significant on Rigidity. Deaf responses tended to be unique and rare. The deaf manifested higher aggression, less cooperation, above average tendencies in consistency of behaviour, less than average anxiety and a higher degree of non-conformity. Both deaf and hearing females scored below average in ability to stick				

MATRICES		YEAR		
SPM		1966		
AUTHOR				
Irvine,S.H.				
TITLE				
Towards a rationale for testing attainments and abilities in Africa.				
JOURN_BOOK				
British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
36	1	24-32	ANTHROP VALD FACT CORR SPM AFRICA	A.
ABSTRACT				
A brief review of recent research in Africa in the field of cognitive measurement is followed by a discussion of the central issue of test score meaning in testing educational skills and aptitudes. Influences on test score meaning are hypothesised, among them sex differences and role relationships. A major influence is the quality of school attended. Two factor analyses are reported. They indicate that constructs like 'g', 'v.ed' and 'n' may have legitimate psychological meaning in nonwestern cultures. To assess the comparative validity of the same test used on different cultural groups, item difficulties for SPM between British and African groups were correlated. The resulting rank correlation (.695) was				

MATRICES YEAR				
SPM		1966		
AUTHOR				
Isaacs,E.				
TITLE				
Cross-cultured validity of Ravens Progressive Matrices (1938) Test.				
JOURN_BOOK				
Unpublished M.A. Thesis University of Sydney				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP VALD SPM AUST	A.
ABSTRACT				

MATRICES		YEAR		
SPM		1966		
AUTHOR				
Johnson,S.A.H.				
TITLE				
Some selected classroom variables and their relationship to math- ematics achievement in Central Minnesota & the Greater London area.				
JOURN_BOOK				
Doctoral Thesis Rutgers- The State University				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC VALD SPM NOAM UK	E.
ABSTRACT				
Responses were obtained through random stratified sequential sampling from 3336 English students representing 58 schools in and around London, and 1922 American students from 34 schools in and around St. Paul and Minneapolis, Minnesota on SPM, the STEP maths test and a student attitude questionnaire. Classes were segmented into groups of high,middle and low intelligence on the basis of SPM scores. Of all the variables studied, SPM perform- ance, student attitude and homework proved to be the most closely related to maths achievement, usually in that order.				

MATRICES		YEAR		
SPM		1966		
AUTHOR				
Korzewnikow,I.				
TITLE				
Poziom umyslowy mlodziezy w swietle wynikow badan testem Ravena. [Mental level of youth according to the results of studies by means of Raven's tests.]				
JOURN_BOOK				
Przeglad Penitencjarny				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	-	65-79	EDUC ANTHROP STUD CORR SPM	E.A.
ABSTRACT				
Compares 100 institutionalised delinquents with 50 nondelinquents ages 15-19.			[Text in Polish]	

MATRICES		YEAR		
SPM		1966		
AUTHOR				
Larcebeau,S.				
TITLE				
Valeur des tests d'aptitude intellectuella appliques en cours moyen 2e annee.				
JOURN_BOOK				
Annee Psychologique				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	75-88	EDUC SPM KIDS EURO	E.
ABSTRACT				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1966		
<i>AUTHOR</i>				
Luria,A.R.				
<i>TITLE</i>				
Higher cortical functions in man.				
<i>JOURN_BOOK</i>				
London, Tavistock Publications				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
-	3	361-365	CLIN BRDM SPM	C.
<i>ABSTRACT</i>				
In Part III of this book, Luria discusses investigation of the higher visual functions, and describes the use of SPM as a clinical tool for the purpose.				

MATRICES		YEAR		
SPM		1966		
AUTHOR				
Mehl,J., Muller,U. and Wenke,W.				
TITLE				
Die standardisierung eines sprachfreien Verfahrens zur Prufung der Intelligenz.				
JOURN_BOOK				
Psychologie als gesellschaftliche Productivkraft. Bericht uber den 1st Kongress der Gesellschaft fur Psychologie in der DDR. Berlin				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	407-413	EDUC IQTS KIDS AGES NORM SPM EURO	E.
ABSTRACT				
[Text in German]				

MATRICES		YEAR		
SPM		1966		
AUTHOR				
Montgomery,G.W.				
TITLE				
The relationship of oral skills to manual communication in profoundly deaf students.				
JOURN_BOOK				
American Annals of the Deaf.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
11	4	557-565	CLIN EDUC PHYS CORR KIDS DEAF SPM UK	C.E.
ABSTRACT				
Three standardised tests of speech, lip reading and intelligence were given to 55 deaf school leavers who were independently rated for speech, lip reading and manual communication by their teachers. The distribution of ratings showed an overwhelming preference for and fluency in manual rather than oral methods of communication. The inter-relationship of tests and ratings were examined in order to discover whether the alleged incompatibility between oral skills and manual communication is observable statistically. No negative correlation was found. Significant correlations were found between SPM and all other variables measured except that of Oral				

MATRICES YEAR				
SPM		1966		
AUTHOR				
Shantz,C.U.				
TITLE				
A development study of Piaget's theory of logical multiplication.				
JOURN_BOOK				
Doctoral Thesis. Purdue University				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC PGET KIDS AGES SPM NOAM	E.
ABSTRACT				
A study to test certain hypotheses derived from Piaget's theory concerning the ability to perform logical multiplication. Multiplicative classification was assessed with SPM. 72 children, ages 7.5, 9.5 and 11.5 were tested. The data generally provided strong support for Piaget's hypothesis of the relations among multiplicative abilities.				

MATRICES YEAR				
SPM		1966		
AUTHOR				
Sitkei,E.G. & Michael, W.B.				
TITLE				
Predictive relationships between items on the revised Stanford- Binet Intelligence Scale (SBIS), Form L-M, and total score on Raven's Progressive Matrices (PM).				
JOURN_BOOK				
Educational and Psychological Measurement.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	-	501-506	EDUC ITEM IQTS MFSX SPM NOAM	-
ABSTRACT				

MATRICES		YEAR		
SPM		1966		
AUTHOR				
Torrance,E.P. & Johnson, R.T.				
TITLE				
Gifted thirteen year olds in two cultures: Greater London and Greater Twin Cities (U.S.A.).				
JOURN_BOOK				
Gifted Child Quarterly.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10	3	125-131	EDUC ANTHROP KIDS SPM NOAM UK	A.E.
ABSTRACT				
Mathematics achievement was investigated in 62 intellectually gifted American 13 year olds, and a similar number of gifted English children, the criterion for giftedness being a score of 55 or better on SPM. On the Co-operative Sequential Tests of Educational Progress in Mathematics, the American students had a mean score of 41.12, the English 40.24: the difference was not significant. When questionnaire responses were examined regarding the reported time in outside study spent on mathematics, the American subjects mean was 10 hr/weekly and the English mean 2 hr /weekly. This difference was significant at the .001 level.				

MATRICES		YEAR		
SPM		1966		
AUTHOR				
Warhadpande,N.R. & Khullar,M.P.				
TITLE				
Scholastic abilities of pupils of Nootan Marathi Vidyalaya.				
JOURN_BOOK				
Manas				
VOLUME	SECTION	PAGES	CODES	INT_CODE
13	1	11-28	EDUC ANTHROP SPM FACT ASIA	A.E
ABSTRACT				
A factor analysis of responses on SPM and marks in school sub- jects in 8 classes in one school showed that SPM was reliable, test scores increased with age,and insistence on passing in Eng- lish affected pupils' progress in science.				

MATRICES		YEAR		
SPM		1966		
AUTHOR				
Wetherick,N.E.				
TITLE				
The responses of normal adult subjects to the Matrices Test.				
JOURN_BOOK				
British Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
57	3-4	297-300	CRIT ITEM THEO SPM UK	-
ABSTRACT				
Bromley (1963) drew attention to what he called "primitive forms of response"to SPM in his study with 35 hospitalised psychiatric patients between 40 and 80 years. His subjects consistently chose responses other than the correct one, making it appear they were using a consistent but incorrect method of solution - a primitive thought process. This was tested to see if it applied to normal subjects. 236 S's aged 20-69 were tested and the sample was above average in intelligence.If only relative difficulty of matrices and frequency with which particular wrong answers were selected, it appears results of Bromley's sample are typical of a normal population. Their choice of wrong responses was not				

MATRICES		YEAR		
SPM		1966		
AUTHOR				
Wober,M.				
TITLE				
Sensotypes.				
JOURN_BOOK				
Journal of Social Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
70	-	181-189	ANTHROP RACE CORR VALD SPM AFRICA	A.
ABSTRACT				
Investigates the concept of cross-cultural "sensotypes",i.e the pattern of relative importance of different senses, by which a child learns to perceive the world and in which pattern he develops his abilities. These patterns may be predominantly visual in one culture, while in another culture, auditory or proprioceptive senses may have a much higher relative importance. Witkin's Rod and Frame Test was the main instrument. Comparisons were made with performance on Embedded Figures,Koh's Blocks and SPM.				

MATRICES		YEAR		
SPM		1965		
AUTHOR				
Davies, A.D.M. & Davies, M.G.				
TITLE				
The difficulty and graded scoring of Elithorn's perceptual maze test.				
JOURN_BOOK				
British Journal of Psychology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
56	-	295-302	OTHER CORR AGES SPM UK	-
ABSTRACT				
A discussion of levels of difficulty of the mazes is related to scores on SPM, with correlations ranging between 0.52 and 0.62.				

MATRICES		YEAR		
SPM		1965		
AUTHOR				
De Renzi,E. & Faglioni, P.				
TITLE				
The comparative efficiency of intelligence and vigilance tests in detecting hemispheric cerebral damage.				
JOURN_BOOK				
Cortex.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	-	410-431	CLIN NUSY VERB BRDM SPM EURO	C.
ABSTRACT				
Application was investigated of vigilance tests to cases of focal lesions in brain damage (N=166) and control patients (N=130). Performances of subjects on intelligence test (SPM) and in two vigilance tests (Visual Reaction) were compared. Two vigilance tests showed greater efficiency in discriminating between normal and pathological subjects than SPM if educational level was not taken into account; this difference disappeared when specific criteria of discrimination, based on year of schooling, were applied. Discrepancy between number of subjects classified correctly and incorrectly with single and specific threshold methods was greater with SPM than with vigilance tests. In				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1965		
<i>AUTHOR</i>				
Del Pino,G., Castano, Navarro, L., Santa Cruz & Dominguez, A.				
<i>TITLE</i>				
Estudio del Raven sobre una poblacion de 80,000 hombres.				
<i>JOURN_BOOK</i>				
Revista de Psicologia General Y Aplicada.				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
20	78	465-469	ANTHROP NORM SPM EURO	-
<i>ABSTRACT</i>				
Reports the distribution of grades on SPM obtained from a military sample of 81,461 men. (Text in Spanish).				

MATRICES		YEAR		
SPM		1965		
AUTHOR				
Gonzalez,M. et.al.				
TITLE				
Estudio psicologico y social para ayudar a la eleccion del plan diferenciado en dos liceos de Santiago. [A study for aiding sel- ection of a differentiated plan at 2 Santiago lycees]				
JOURN_BOOK				
Archivos del Instituto de Psicologia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	1	32-34	ANTHROP EDUC STUD SLCT SPM SCAM	A.E.
ABSTRACT				
Subjects were 225 male and 218 female 11th grade students. Intelligence, adaptation, vocational and professional interests and family society structure were tested by means of a general aptitude test, SPM, the Bell inventory, the California Test and a questionnaire. Results were: 1. aptitude test revealed IQ means of 107 for males and 100 for females. 2. SPM scores were above the norm. 3. Vocational interests showed a marked predilection for medicine and dentistry. 4. Tendencies towards adaptation were normal.				

MATRICES YEAR				
SPM		1965		
AUTHOR				
Gowan,J.C. & Torrance,E.P.				
TITLE				
An intercultural study of non-verbal ideational fluency.				
JOURN_BOOK				
Gifted Child Quarterly				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	-	13-15	ANTHROP RACE SPM	A.
ABSTRACT				

MATRICES YEAR				
SPM		1965		
AUTHOR				
Gupta,K.P.				
TITLE				
A Study of Two Non-language Intelligence Tests with Deaf Subjects in the Intermediate and Advanced Departments of the Kansas School for the Deaf.				
JOURN_BOOK				
Unpublished Master's Thesis. University of Kansas				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CLIN PHYS VERB SPM DEAF NOAM	C.
ABSTRACT				
For a description of this unpublished work see: Goetzinger, Wills and Decker (1967) p.504.				

MATRICES		YEAR		
SPM		1965		
AUTHOR				
Irvine,S.H.				
TITLE				
Selection for secondary education in Southern Rhodesia.				
JOURN_BOOK				
University College of Rhodesia and Nyasaland Occasional Paper				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	-	-	ANTHROP SLCT NORM SPM AFRICA	A.
ABSTRACT				
Reports on a battery of tests applied to 1842 subjects in Rhodes- ian schools in 1962. Vocabulary, mental arithmetic, spiral nines and SPM were administered and stanine forms are reported.				

MATRICES		YEAR		
SPM		1965		
AUTHOR				
Irvine,S.H.				
TITLE				
Adapting tests to the cultural setting: a comment.				
JOURN_BOOK				
Occupational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
39	-	13-23	ANTHROP CORR SPM AFRICA	A.
ABSTRACT				
Gives an historical account of the adaptation of tests to the African situation. Provides correlational data on SPM with NIPR and AIR tests. Notes the special value of tests such as SPM for investigating the effects of different modes of administration.				

MATRICES		YEAR		
SPM		1965		
AUTHOR				
Juel-Nielsen,N.				
TITLE				
Individual and environment				
JOURN_BOOK				
Acta Psychiatrica Scandinavica (Supplement 183)				
VOLUME	SECTION	PAGES	CODES	INT_CODE
40		Pp. 292	GENET TWIN IQTS CORR SPM EURO VALD	
ABSTRACT				
Reports in detail on the study of 12 pairs of monozygotic twins reared apart, from the Danish register. Ss were aged between 22 and 77. Psychological testing included the Rorschach, Rapaport's Word Association Test, W-BIT and SPM. All Ss scored within the normal range. Within pair correlation for SPM raw scores was .79. Correlations between WBIT and SPM ranged between .71 and .83.				

MATRICES		YEAR		
SPM		1965		
AUTHOR				
Kakkar,A.				
TITLE				
The role of intelligence in adolescents' adjustment.				
JOURN_BOOK				
Indian Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
40	4	179-184	ANTHROP EDUC PERS CORR SPM ASIA	A.E.
ABSTRACT				
Investigated the relationship between SPM and personal adjustment with 150 secondary school students in Allahabad. Correlations indicate that a greater number of adjustment prob- lems were found with those scoring higher on SPM.				

MATRICES		YEAR		
SPM		1965		
AUTHOR				
Klein,J.				
TITLE				
Levels of perceptual organisation and of performance after time for reflection.				
JOURN_BOOK				
British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
35	-	60-62	EDUC KIDS ITEM VERB SPM UK VALD	E.
ABSTRACT				
Children between 11 and 15 marked SPM twice; first at speed, so that the tests resembled one in perceptual organisation; later at leisure, to allow time for thought. It was predicted that more younger children and more educationally backward children would, on the second occasion, change right answers to wrong ones. The prediction was confirmed.				

MATRICES		YEAR		
SPM		1965		
AUTHOR				
Knehr,C.A.				
TITLE				
Revised approach to detection of cerebral damage: Progressive Matrices Revisited.				
JOURN_BOOK				
Psychological Reports				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17	-	71-77	CLIN NUSY BRDM PSSS ITEM SPM NOAM	C.
ABSTRACT				
The use of several indices based on SPM performances alone fails to differentiate impairment related to psychopathology from that due to cerebral histopathological changes at a satisfactory level although the test is an excellent indicator of the presence and extent of the impairing condition. A case is made that while differences from expected scores on SPM can be useful indicators, there are a number of false positives which can best be eliminated by a further battery of non 'g' tests.				

MATRICES		YEAR		
SPM		1965		
AUTHOR				
Maitra,A.K.				
TITLE				
An examination of the Difficulty Index and item validity of SPM (1956) with India data.				
JOURN_BOOK				
Indian Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
40	-	127-31	CRIT ANTHROP ITEM VALD CORR STUD SPM ASIA	A.
ABSTRACT				
A study of difficulty index and item validity with 700 Indian students ages 14-19. The findings confirm the appropriateness of the revised order of problems of the 1956 version of SPM. Concludes that SPM is a good broad-spectrum test with low cultural loading.				

MATRICES		YEAR		
SPM		1965		
AUTHOR				
Schanan,J. & Sharon, M.				
TITLE				
Personality and functioning of Israeli males during the middle years.				
JOURN_BOOK				
Human Development.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	1	2-15	ANTHROP PERS CORR AGES SPM ASIA ISRAEL	-
ABSTRACT				
62 Israeli men, aged 39 to 61, middle-class occupations and of European origin, were administered 5 cards of the T.A.T. the physiog cue test, 42 of these were also given the SPM and 23 were given the Street-Gestalt test. Results showed a decline in personality variables related to ego strength and cathectic energy. Cognitive function, particularly flexibility of closure, showed decline, but to a lesser extent.				

MATRICES		YEAR		
SPM		1965		
AUTHOR				
Shahan,J. & Sharon,M.				
TITLE				
Personality and cognitive functioning of Israeli males during the middle years.				
JOURN_BOOK				
Human Development				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8		2-15	MISC SPM AGES ASIA ISRAEL CORR	
ABSTRACT				
An investigation of the aging process in Israeli males between 40 and 60 years, using the TAT, SPM Street-Gestalt Tests and the Physiognomic Test. Of the 62 men in the study, 42 completed SPM, and a non-significant correlation with age was found.				

MATRICES		YEAR		
SPM		1965		
AUTHOR				
Shaw,C.N.				
TITLE				
An investigation of scores earned by adults on the Raven Progressive Matrices Test.				
JOURN_BOOK				
Florida Journal of Educational Research.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	-	40-44	EDUC CORR VALD RELI SPM CRIM NOAM	E.
ABSTRACT				
Investigated SPM to determine it's usefulness as a predictor variable in an adult population. 56 inmates of a Federal Correctional Institution were tested, and 37 retested (after an unspecified interval). Difficulty indices for each item were calculated. Test-retest correlation was .87. Distribution of scores was negatively skewed, suggesting the test was too easy for the sample.				

MATRICES		YEAR		
SPM		1965		
AUTHOR				
Walter,W.G.				
TITLE				
Brain responses to semantic stimuli.				
JOURN_BOOK				
Journal of Psychosomatic research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	-	51-61	OTHER ITEM SPM UK	-
ABSTRACT				
The probabalistic relation between stimulus association and anterior brain responses has been demonstrated and the develop- ment of the contingent negative variation or "Expectancy Wave" has been found to follow closely alterations in the significance of conditional stimuli. The inclusion of some response by the subject is essential but this does not have to be motor; in some subjects a purely mental event, amounting to a simple decision, was adequate to sustain an E-Wave. Results of using patterns taken from SPM are reported.				

MATRICES		YEAR		
SPM		1964		
AUTHOR				
Ancelin-Schutzenberger,A.				
TITLE				
Matrix 1938. Manuel d'instructions et Etalonnages.				
JOURN_BOOK				
Editions Scientifiques et Psychotechniques				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	OTHER TEXT NORM SPM EURO	N
ABSTRACT				
Instructional manual and norms of SPM for use in France.				

MATRICES YEAR				
SPM	1964			
AUTHOR				
Anderson,R.A.				
TITLE				
Mathematical student achievement of third form (9th grade) stud- ents in London and St. Paul Minneapolis metropolitan areas.				
JOURN_BOOK				
Doctor's Thesis, University of Minnesota				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC STUD SPM UK NOAM	E.
ABSTRACT				
A study designed to measure mathematical ability and achievement of students in two cities at similar stages of educational development. SPM and two achievement tests were given to 1619 American and 3134 British Students. Students of high and low ability (SPM) differed across schools. Students at grammar, technical and American private schools of both high and low ability obtained consistently higher mean scores on both of the achievement tests. Especially significant was the high achieve- ment by students of low ability in the grammar schools.				

MATRICES		YEAR		
SPM		1964		
AUTHOR				
Beck,E.J.				
TITLE				
Relation between social impact and selected intellectual traits in preadolescent Negro boys.				
JOURN_BOOK				
Doctoral Thesis, Fordham University				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CLIN PERS IQTS SPM NOAM	C.
ABSTRACT				
420 Negro elementary school underprivileged children were given four intellectual measures (including SPM) and performance was related to certain adjustment hypotheses viz. are well-socialized persons more intelligent than those who are poorly socialized? Within the less well socialized, are hostile and dependent persons more intelligent than the socially isolated? The Positive Social Impact group was superior on all four intellectual meas- ures; the weak social impact group was inferior on all except SPM				

MATRICES YEAR				
SPM		1964		
AUTHOR				
Chang,W.H.				
TITLE				
The revised Draw-a-Man test and intelligence.				
JOURN_BOOK				
Psychological Testing				
VOLUME	SECTION	PAGES	CODES	INT_CODE
11	-	60-78	EDUC ANTHROP IQTS SPM ASIA	E.A.
ABSTRACT				

MATRICES		YEAR		
SPM		1964		
AUTHOR				
Giles,G.C.				
TITLE				
Predictive validity of Progressive Matrices and two other non-language tests of mental ability.				
JOURN_BOOK				
Journal of Educational Measurement				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	1	65-67	EDUC IQTS CORR VALD KIDS SPM NOAM	E.
ABSTRACT				
A group of 130 students from two junior high schools completed SPM and two non-language tests published in the United States. Relationships between predictor measures and academic criteria were studied. Although consistently higher validity correlations were found for SPM, the analysis of variance of the three transformations showed no significant differences in relationships among the three non-language tests and achievement criteria (FLI). So evidence does not suggest that the overall predictive validity of SPM is superior to the overall predictive validity of the two non language tests used here.				

MATRICES		YEAR		
SPM		1964		
AUTHOR				
Godman,A.				
TITLE				
A first study of the attainment and ability of Hong Kong Primary IV pupils in selected schools.				
JOURN_BOOK				
Hong Kong Council for Educational Research Publication No.2 H.K.U. Press				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP EDUC KIDS CORR TIME VALD SPM ASIA	A.E.
ABSTRACT				
Reports on the testing of 1007 Hong Kong primary students with SPM. Results were compared with school attainment. Using a 20 minute time limit, a correlation of 0.44 was obtained.				

MATRICES		YEAR		
SPM		1964		
AUTHOR				
Hwang,C.H.				
TITLE				
The application of Raven's Progressive Matrices Test in Taiwan.				
JOURN_BOOK				
Psychological Testing				
VOLUME	SECTION	PAGES	CODES	INT_CODE
11	-	20-23	ANTHROP SPM ASIA	A.
ABSTRACT				

MATRICES		YEAR		
SPM		1964		
AUTHOR				
Klauer,K.J.				
TITLE				
Der Progressive-Matrices-Test bei Volks-und-Hilfsschulkindern.				
JOURN_BOOK				
Heilpädagogische Forschung.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	-	13-37	EDUC VALD KIDS AGES SPM EURO	E.
ABSTRACT				
Reports performance on CPM by 400 children from a primary school and 200 from a special school (ages 6-11). Performance is compared with original Scottish norms, and a validity of 0.62 given.				

MATRICES		YEAR		
SPM		1964		
AUTHOR				
Kundu,R. and Sen,A.				
TITLE				
Matrices score with time-limit and without time-limit and its relationship with multiplication score.				
JOURN_BOOK				
Journal of Psychological Researches				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	3	120-123	CRIT ANTHROP TIME STUD SPM ASIA	A.
ABSTRACT				
The time factor is definitely a criterion of better performance in the Matrices test and thirty minutes time is not an optimum time. But the correlation between two Matrices scores (with and without time limit) is very high (.97) which indicates that though the maximum scores cannot be ascertained within the time limit, the relative ability of the subjects may be fairly evaluated from their performance in half an hour with the Matrices test.				

MATRICES YEAR				
SPM		1964		
AUTHOR				
Larson,K.L.				
TITLE				
The characteristics of vocationally successful mentally retarded youth as described by two types of intelligence tests.				
JOURN_BOOK				
Thesis, University of Oregon				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CLIN VOC DFCT WISC SLCT SPM	C.V.
ABSTRACT				
Study attempted to describe characteristics of educable mentally retarded youth with successful work experience reputations on in-school job situations compared with those with out-of-school job reputations. Tests used were WISC and SPM. Subjects were 80 males divided into those with succesful or poor work reports for both in-school and out-of-school groups. Null hypothesis that there would be no significant difference between succesful and unsuccesful students was rejected - for WISC full scale scores, performance scores and some of subtests. Test differences for each group are given. It seems SPM is a promising example of a performance type test might be used to help describe				

MATRICES		YEAR		
SPM		1964		
AUTHOR				
Li,A.King-Fun.				
TITLE				
The use of ability tests in Hong-Kong.				
JOURN_BOOK				
International Journal of Experimental Research in Education				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	-	187-195	EDUC ANTHROP SPM ASIA NORM KIDS IQTS VALD CORR	E.A.
ABSTRACT				
Explores the utility of SPM in educational settings on Hong Kong. Describes several studies which confirm its value and suggest that normative levels are similar to the UK, while arguing that local norms are needed. Reports correlations of SPM with school achievement for children aged 8-13 as significant, and ranging from .34 to .48. Correlation with a Chinese verbal test of ability was .59 for 14-15 yr olds. Percentiles are presented based on 1197 children, ages 11.5 - 13.5, though problems of sample bias are noted and indicating that only the data for 12.5 are well based.				

MATRICES		YEAR		
SPM		1964		
AUTHOR				
Lokander,S. and Machl,M.				
TITLE				
Sick absence in a Swedish company, Part IV.				
JOURN_BOOK				
Acta Psychiatrica Scandinavica				
VOLUME	SECTION	PAGES	CODES	INT_CODE
40	4	401-408	ANTHROP VOC PERS SPM EURO	A.V.
ABSTRACT				
In conjunction with a sociomedical investigation on absence due to sickness in a Swedish company, psychological evaluation was included. The psychological variables were correlated with absence due to sickness. In addition to personality measures, fifteen items from SPM were included. A correlation between the shortened SPM and industrial injuries was found (P<.05).				

MATRICES		YEAR		
SPM		1964		
AUTHOR				
Macarthur,R.S., Irvine, S.H. and Brimble, A.R.				
TITLE				
The Northern Rhodesia Mental ability survey.				
JOURN_BOOK				
Rhodes-Livingstone Communication No. 27., Rhodes Livingstone Institute, Lusaka.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP CORR FACT KIDS STUD NORM VALD RELI SPM MLW/AFRICA	A.
ABSTRACT				
Survey of 2671 students and workers tested over an 8 week period and given a battery of tests of various types (including SPM).				

MATRICES		YEAR		
SPM		1964		
AUTHOR				
Mogensen,A.				
TITLE				
Raven's Progressive Matrices in twelve pairs of uniovular twins brought up apart.				
JOURN_BOOK				
Scandinavian Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	1	50-52	GENET TWIN CORR SPM	G.
ABSTRACT				
Twelve Danish pairs of uniovular twins brought up apart were studied individually using SPM. Significant within-pair correlations were found for raw scores and solving time, pointing to a considerable influence of hereditary factors on on such test performances.				

MATRICES		YEAR		
SPM		1964		
AUTHOR				
Phillips,G.R.				
TITLE				
A study of psychological tests for the selection of trainee nurses: 1. General Approach.				
JOURN_BOOK				
Personnel Practice Bulletin.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
20	-	28-32	VOC SLCT STUD IQTS VALD SPM AUST	V.
ABSTRACT				
A battery of seven tests of aptitude and interest,including SPM, was given to trainee nurses. An analysis of results was sought to find an optimum battery for selection purposes. Retesting on 108 of the initial 301 subjects led to preliminary identification of several scales. SPM did not discriminate between successful and unsuccessful trainees.				

MATRICES		YEAR		
SPM		1964		
AUTHOR				
Rao,S.N.				
TITLE				
Problems of adjustment and academic achievement				
JOURN_BOOK				
Journal of Vocational and Educational Guidance				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10	3	66-79	VOC STUD IQTS CORR SPM ANTHROP ASIA	V.A.
ABSTRACT				
An abridged version of the Mooney Problem Checklist (in English) was administered to approximately 300 males undergraduate students in Madras State in 1962. Scores from SPM and the verbal subtest of the College Qualification Test were also available as were records of student's previous academic performance. Predicted achievement was obtained via correlations based on the two mental ability measures and the previous school record Over and under achievement groups were defined as above and below one standard error of estimate of this predicted level when actual achievement was known. The two groups did not differ on SPM. (nothing is here reported on the CQT Subtest)				

MATRICES		YEAR		
SPM		1964		
AUTHOR				
Schoeny,L.A.				
TITLE				
A study of deaf adolescents with general measures of intellectual ability.				
JOURN_BOOK				
Unpublished Master's Thesis, University of Kansas. [See Goetzinger et al, Volta Review 1967, 69. 500-506].				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CLIN PHYS WAIS IQTS SPM NOAM	C.
ABSTRACT				
The full WAIS, Terman non-language Multi-Mental Test and SPM were administered to 16 deaf adolescents and found normal intelligence on the Terman, SPM and WAIS performance.				

MATRICES		YEAR		
SPM		1964		
AUTHOR				
Schurer,M.				
TITLE				
Porovnani hodnot nejuzivanejsich zkousek intelektu u dificulni mladeze.				
JOURN_BOOK				
Ceskoslovenska Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	1	24-34	ANTHROP EDUC KIDS WBIT IQTS CRIM SPM EURO	A.E.
ABSTRACT				
Reports two studies, one using Stanford-Binet and Koh's, the other with W-B and SPM on 200 problem children over 10 yrs of age Both Koh's and SPM distributions are positively skewed. Non-verbal tests are useful with regard to diagnosing special kinds of disability of deficiency: however, owing to their specificity these tests seem to be of a rather limited value as instruments for educational prognoses. When diagnosing the mental abilities of a child, combinations of verbal and nonverbal tests are recommended. [A comparison of the most frequently applied intelligence tests: A study of results obtained with problem children and delinquent school teenagers.]				

MATRICES		YEAR		
SPM		1964		
AUTHOR				
Tonn,M.H.				
TITLE				
The Effect of Time in Mental Measurement.				
JOURN_BOOK				
Doctoral Thesis : State University of Iowa				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC KIDS IQTS CORR TIME VALD SPM NOAM	E.
ABSTRACT				
Performance on SPM was correlated with those on Lorge-Thorndike Verbal Battery Tests of Basic Skills. It was hypothesised that by including a bonus scoring on SPM for time taken, a greater correlation with the other tests would be obtained. This outcome was obtained, but the difference did not reach statistical significance.				

MATRICES		YEAR		
SPM		1964		
AUTHOR				
Zangwill,O.L.				
TITLE				
Intelligence in aphasia.				
JOURN_BOOK				
In Rueck, A.V.S. and O'Connor,M (Eds.) Disorders of Language. Ciba Foundation Symposium. Boston,Mass.: Little,Brown and Co.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CLIN NUSY BRDM VERB SPM UK	C.
ABSTRACT				
Performance on SPM is not grossly impaired in motor aphasia, in jargon apraxia, or in amnesic aphasia, except in cases in which the speech disorder is associated with constructional apraxia.				

MATRICES		YEAR		
SPM		1963		
AUTHOR				
A.C.E.R.				
TITLE				
Manual for Raven's 1938 Progressive Matrices.				
JOURN_BOOK				
Australian Council for Educational Research Hawthorn, Victoria, Australia.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	STAT NORM SPM AUST	N
ABSTRACT				
Australian manual based on local studies and providing timed norms for SPM in a unique format.				

MATRICES		YEAR		
SPM		1963		
AUTHOR				
Baquero,F. & Caparros,N.				
TITLE				
Revision teorica y estadistica del test Matrices Progresivas de Raven.				
JOURN_BOOK				
Revista de Psicologia General y Aplicada				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	68-	69;779-782	CRIT THEO SPM SCAM	-
ABSTRACT				
A theoretical paper dealing with Matrices scores.			[Text in Spanish]	

MATRICES		YEAR		
SPM		1963		
AUTHOR				
Burnett,A., Beach, J.D. & Sullivan, A.M.				
TITLE				
Intelligence in a restricted environment.				
JOURN_BOOK				
Canadian Psychologist				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	-	126-136	ANTHROP RACE WBIT SPM NOAM	A
ABSTRACT				
An assessment of the adequacy of different measures of intelligence for inhabitants of isolated Newfoundland outports, the findings being related to the environmental and social conditions in which these people live. Those living in the outports took longer than those from the centres, but when given all the time they wished, grade 10 students achieved scores on SPM equivalent to the UK normative sample...the findings on SPM indicate that the `intelligence' of outport people is normal.				

MATRICES		YEAR		
SPM		1963		
AUTHOR				
Edwards,A.E. & Wine,D.B.				
TITLE				
Personality changes with age : Their dependency on concomitant intellectual decline.				
JOURN_BOOK				
Journal of Gerontology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	-	182-184	CLIN AGES CORR PERS SPM NOAM	C.
ABSTRACT				
Personality and biographical variables were related to the intelligence levels of 80 males, ranging in age from 22-76 yrs. Of 41 variables, 14 were significantly correlated with age. However, when intelligence was made co-variate, 6 variables were significant with the covariance analysis.				

MATRICES		YEAR		
SPM		1963		
AUTHOR				
Girotti,G.				
TITLE				
Indagine di controllo su un servizio psicologico di consulenza scolastica e di orientamento.				
JOURN_BOOK				
Archivio di Psicologia neurologia e psichiatra				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	-	481-513	VOC STUD CORR SLCT SPM EURO	V.
ABSTRACT				
Reports on the application of a series of psychological tests in an educational setting. SPM is included, together with the Wide- Range Vocabulary, Minnesota PFB and the number part of Thurstones PMA. Data for 400 subjects reported together with intercorrelations between tests.				

MATRICES		YEAR		
SPM		1963		
AUTHOR				
Irvine,S.H.				
TITLE				
Ability testing in English-speaking Africa: An overview of predictive and comparative Studies.				
JOURN_BOOK				
Rhodes-Livingstone Journal				
VOLUME	SECTION	PAGES	CODES	INT_CODE
34	-	44-55	ANTHROP FACT KIDS SPM AFRICA	A.
ABSTRACT				
Discusses the usefulness of various types of test in African set- tings. Reports a factor analysis on a number of tests, including SPM, which showed a factor loading of .52 on "g:ed" and .27 on "vis:perc".				

MATRICES		YEAR		
SPM		1963		
AUTHOR				
Irvine,S.H.				
TITLE				
Some practical and theoretical problems of general ability test- ing at the African Standard Six level in Southern Rhodesia.				
JOURN_BOOK				
Proceedings of the East African Institute of Social Research Conference.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP TECH KIDS THEO SPM AFRICA	A.
ABSTRACT				
A discussion of the approaches needed in the administration of psychological tests to African groups. Three modes of presentation of SPM are described and the relative merits of these modes are considered.				

MATRICES		YEAR		
SPM		1963		
AUTHOR				
King,W.H.				
TITLE				
The development of scientific concepts in children.				
JOURN_BOOK				
British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
33	-	240-252	EDUC RELI IQTS KIDS AGES CORR SPM UK	E.
ABSTRACT				
This paper describes the responses of children to 20 science questions and relates these responses to age and ability represented by scores on a verbal and non-verbal test (SPM). A relationship is established for certain types of question between their facility values and the grades obtained. Rate of growth of scientific knowledge is found to be similar for boys and girls. Boys and girls of 10 yrs. of age show no significant differences in knowledge of science concepts but there is significant differentiation in secondary school children.				

MATRICES		YEAR		
SPM		1963		
AUTHOR				
Morrison,M.				
TITLE				
A Gaelic translation of the Wechsler Intelligence Scale for Children.				
JOURN_BOOK				
Ed.B. Thesis abstract. British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
33	-	89-90	EDUC WISC IQTS KIDS SPM UK	E.
ABSTRACT				
Summary of a thesis reporting a validity test of a new Gaelic translation of WISC. 128 bilingual children were given the WISC, two Moray House tests and SPM: all agreed in showing an average score of 92 or 93 for the group.				

MATRICES	YEAR			
SPM	1963			
AUTHOR				
Nelson,M.O. and Edelstein,G.				
TITLE				
Raven Progressive Matrices, Nonlanguage Multimental Test and California Test of Mental Maturity: Intercorrelations.				
JOURN_BOOK				
Psychological Reports				
VOLUME	SECTION	PAGES	CODES	INT_CODE
13	-	46	EDUC RACE IQTS CORR SPM NOAM	E.
ABSTRACT				
Significant correlations were obtained among the three tests. It is suggested that SPM may be useful in testing the intelligence of children with language and/or cultural handicaps since its correlation with CTMM is high (r=.69).				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1963		
<i>AUTHOR</i>				
Olejnik,I.				
<i>TITLE</i>				
Proba oceny przydatnosci skroconej skali Matrices Ravena jako jednej z metod do zbiorowych badan dzieci szkolnych.				
<i>JOURN_BOOK</i>				
Psychologia Wychowawcza				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
4	-	324-330	EDUC ANTHROP KIDS CORR RELI SPM EURO	E.A.
<i>ABSTRACT</i>				
[An attempt to evaluate the usefulness of the shortened SPM as one method for group testing of schoolchildren.] - An urban-rural comparison of 2113 rural children in grades 3-7, and 4384 city children, using Sets A and B only with a 10 minute limit.				
[Text in Polish]				

MATRICES		YEAR		
SPM		1963		
AUTHOR				
Rao,S.N.				
TITLE				
Prediction of academic achievement of students in an engineering college.				
JOURN_BOOK				
Journal of Psychological Researches				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	-	114-117.	VOC STUD SLCT VALD SPM ASIA	V.
ABSTRACT				
204 engineering students were given SPM and a verbal test. Results were compared with pre-university exam marks and first term marks.The best single predictor proved to be first term mark A combination of three predictor variables viz. 1st term marks, Pre-university performance and SPM score can increase predictive efficiency appreciably.				

MATRICES		YEAR		
SPM		1963		
AUTHOR				
Sigel,I.E.				
TITLE				
How intelligence tests limit understanding of intelligence.				
JOURN_BOOK				
Merrill-Palmer Quarterly				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	-	39-56	CRIT KIDS ITEM SPM NOAM	-
ABSTRACT				
Unsystematic analyses of intelligence test responses negates the erelevance of other cognitive factors influencing I.Q. Differences in cognitive style variables such as labelling behaviour and categorizing should be analysed. Analysis of errors on I.Q. tests and qualitative analysis of verbal content might help us understand the "Law" of intelligence. A study of errors on the Raven Progressive Matrices showed that at ages 9 and 10 there are sex differences in kinds of errors made.				

MATRICES		YEAR		
SPM		1963		
AUTHOR				
Silvey,J.				
TITLE				
Testing ability tests;Issues in the measurement of ability among African schoolboys.				
JOURN_BOOK				
Proceedings of the East African Institute of Social Research.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP KIDS TIME CORR TECH VALD SPM AFRICA	A.
ABSTRACT				
The development of an effective administration of SPM with African children (From Buganda and Salisbury) is described. Problems associated with timing and validity are discussed,with reference to the effects of coaching and practice.				

MATRICES		YEAR		
SPM		1963		
AUTHOR				
Warhadpande,N.R. & Khullar,B.M.P.				
TITLE				
Factorial analysis of intelligence tests.				
JOURN_BOOK				
Manas				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10	2	89-100	ANTHROP CRIT RELI FACT IQTS SPM ASIA	A
ABSTRACT				

MATRICES YEAR				
SPM		1963		
AUTHOR				
Xydias,N., Cottin,H.J. & Lambert,G.				
TITLE				
Etude comparative des populations sahariennes.				
JOURN_BOOK				
Le Travail Humain				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	-	57-80	ANTHROP RACE AGES SPM EURO	A.
ABSTRACT				
A study of several tests including SPM and Seguin Form Board to provide standardisation data on six ethnic groups in the Sahara. Results were discussed in relation to ethnic background, age, schooling and occupation. [Text in French : Summary in English]				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
Arian,E., Delogu,E.C., Scazella,E. & Zanalda,A.				
TITLE				
Il Test P.M. 38 (Raven) nell 'eta' Avanzata (1).				
JOURN_BOOK				
Il Lavoro Neuropsichiatrico				
VOLUME	SECTION	PAGES	CODES	INT_CODE
30	2	-	CLIN AGES SCLS SPM EURO	C.
ABSTRACT				
A study of SPM given to 75 subjects aged 65-80. They came from two different hospital populations. Results are examined in terms of the variables of age, sex, social group, and length of hospit- alisation. In addition, the percentage of correct answers for each series (A to E) was examined in relation to age. [Article in Spanish with English summary]				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
Bannister,D., Slater,P. & Radzan,M.				
TITLE				
The use of cognitive tests in nursing candidate selection.				
JOURN_BOOK				
Occupational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
36	1-2	75-81	VOC STUD CORR SLCT SPM UK	V.
ABSTRACT				
Report results on GNC exams and SPM in nurse selection. The value of SPM in a selection procedure is emphasised when foreign students are being considered. In order to test the efficiency of the tests in predicting success in state exams, a tetrachoric r was calculated for SPM r=.85; for GNC, r=.38.				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
Blazsanyik,J.				
TITLE				
Clinical diagnostic use of P.M.38 and verbal tests.				
JOURN_BOOK				
Australian Journal of Psychological Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	-	5-8	EDUC CLIN CORR IQTS KIDS SPM AUST	E.C.
ABSTRACT				
A hypothesis that the correlation between SPM and Otis Tests fails in the presence of emotional disturbance was testing using two school groups. The Szondi test was used to assess emotional adjustment. The style of the paper makes it difficult to know whether the hypothesis was confirmed.				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
Elley,W.B. & MacArthur, R.S.				
TITLE				
The Standard Progressive Matrices as a culture-reduced measure of general intellectual ability.				
JOURN_BOOK				
Alberta Journal of Educational Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	-	54-65	EDUC ANTHROP SCLS KIDS FACT RELI VALD SPM NOAM	A.E.
ABSTRACT				
For a representative sample of 271 Edmonton Grade VII pupils, SPM was found to correlate significantly less with socioeconomic status than C.T.M.M. - Language have a high loading of .78 on a general intellectual ability factor and no loading on group factors emerging from the tests used, have a moderate relationship with school marks (.56) and achievement tests (.38 to .44) have reliability (internal consistency) of .87 and was as stable and predictive of school marks from Grades III to VII as the C.T.M.M.				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
Fink,S.L. & Hallenbeck,C.E.				
TITLE				
Assessment of intellectual potential in persons with hemiplegia.				
JOURN_BOOK				
Archives of Physical Medicine & Rehabilitation				
VOLUME	SECTION	PAGES	CODES	INT_CODE
43	Jul	324-331	CLIN AGES BRDM PHYS SPM NOAM	C.
ABSTRACT				
A theoretical and methodological paper concerned with problems of assessment of hemiplegics' intelligence.				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
Frisby,C.B.				
TITLE				
The use of cognitive tests in nursing candidate selection: A comment.				
JOURN_BOOK				
Occupational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
36	-	79-81	VOC SLCT VALD STUD SPM UK	V.
ABSTRACT				
Comments on the paper by Bannister et al.(1962) dealing with the relationship between GNC Test and SPM. Describes the background of the GNC Tests and their intended use. Notes the "G" loading of .79 and concludes that the obtained correlation of .85 between SPM and Preliminary State Exam results is so high as to need explanation.				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
Johnson,J.C.				
TITLE				
Educating Hearing-impaired Children in Ordinary Schools.				
JOURN_BOOK				
Manchester University Press.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CLIN EDUC VERB PHYS KIDS SPM UK	C.E.
ABSTRACT				
Describes studies of hearing impaired children in normal schools. Innate ability assessed by SPM of 55 children showed that the distribution of scores for the group is very nearly a normal one.				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
Jordan,T.E.				
TITLE				
Normative data on the Progressive Matrices (1938).				
JOURN_BOOK				
Psychological Reports				
VOLUME	SECTION	PAGES	CODES	INT_CODE
10	-	122	CRIT STUD NORM SPM NOAM	N.
ABSTRACT				
The present study was intended to obtain normative data for a sample of American rather than British adults and to obtain norms applicable to a college population. A 15% random sample (N=365) of an entering freshman class (N=2413) at a mid western univers- ity was used. A table shows the raw scores arranged to yield percentile scores.				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
Kalina,W.				
TITLE				
Wyniki badan testem "Progressive Matrices" J.C.Ravena. [Results of studies using Raven's Progressive Matrices.]				
JOURN_BOOK				
Kultura Fizyczna				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	-	213-217	EDUC NORM STUD SPM EURO	E.
ABSTRACT				
Provides normative data for 310 females (16-28 yrs.) and 533 males (17-46 yrs.), attending an academy of physical education.				[Text in Polish]

MATRICES		YEAR		
SPM		1962		
AUTHOR				
Knehr,C.A.				
TITLE				
Differential impairment in multiple sclerosis.				
JOURN_BOOK				
Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
54	-	443-451	CLIN NUSY BRDM PHYS SPM NOAM	C.
ABSTRACT				
Three matched groups consisting of control subjects, ambulatory patients with multiple sclerosis, and patients with diagnoses of cerebral organic conditions other than multiple sclerosis, were examined with a battery of tests previously found useful in detecting cerebral organic damage. The multiple sclerotics were significantly different from patients with other neurological conditions in the frequency or rather well preserved abstract intellectual ability in the presence of losses in other tested functions that equalled or exceeded those of the organic groups.				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
Knehr,C.A.				
TITLE				
Factor analyses of schizophrenic and organic test data.				
JOURN_BOOK				
Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
54	-	467-471	STAT CLIN FACT BRDM PSSS SPM NOAM	C.
ABSTRACT				
Principal components analyses with Varimax rotations were completed on data collected previously in the study of impairment of schizophrenics and organics. The factor patterns for the loadings of nine tests (inc. SPM) were similar for the separate experimental groups.				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
Knehr,C.A.				
TITLE				
Psychological assessment of differential impairment in cerebral organic conditions and in schizophrenics.				
JOURN_BOOK				
Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
54	-	165-189	CLIN BRDM PSSS SPM	C.
ABSTRACT				
50 patients with cerebral pathology and a control group of 25 individuals without known damage were examined with a battery of ten tests previously used with a group of schizophrenics. The battery included tests traditionally held to measure abstract conceptual activity, along with measures of other aspects of cognitive functioning. Individual performances on tests showing very significant group differences (P=.001) between normals and organics of the same age indicated that some impaired psychological functions accompany a variety of organic conditions with varying frequency.				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
Knehr,C.A.				
TITLE				
Thinking impairment in acute schizophrenic illness.				
JOURN_BOOK				
Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
53	-	15-28	CLIN PSSS SPM NOAM	C.
ABSTRACT				
A group of acute schizophrenic patients was compared with a matched control group on a battery of ten tests based upon Spearman's early work on the factors of cognition.				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
McDonnell,M.W.				
TITLE				
The prediction of academic achievement of superior grade three pupils.				
JOURN_BOOK				
Alberta Journal of Educational Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	-	111-118	EDUC IQTS KIDS VALD CORR SPM	E.
ABSTRACT				
A sample of 178 pupils (from a Gr. V population of 3,700 with an I.Q. of 120 or more on C.T.M.M.) were given three intelligence tests (Detroit 1st grade, C.T.M.M. - Short Form and SPM) and the Primary Battery of California Achievement Tests. Except for the Detroit, all tests were given about the same time in Grade III, thus yielding mostly data on concurrent validity. The Detroit and SPM were the best predictors and had the only significant intercorrelations among intelligence tests. SPM predicted achievement (even language) better than CTMM.				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
McLeod,H.N. and Rubin,J.				
TITLE				
Correlation between Raven Progressive Matrices and the WAIS.				
JOURN_BOOK				
Journal of Consulting Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	2	190-191	CLIN CRIT CORR IQTS SPM NOAM	C.
ABSTRACT				
Analysis of relationships between SPM and WAIS undertaken at a psychiatric hospital. Subjects were day care, forensic and inpatients, mostly diagnosed as neurotic. Correlations given for WAIS total for whole group (.67), for male, (.78) and female(.54) as well as for verbal and performance scales for both sexes. Findings similar to studies by Desai (1955) and Hall (1975).				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
Nickols,J.E. Jnr.				
TITLE				
Insight, superior intelligence and the Raven Progressive Matrices,Set E.				
JOURN_BOOK				
Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	3	351	CRIT STUD IQTS ITEM SPM NOAM	-
ABSTRACT				
Additive and totality insight were discussed in relation to the mental test performance of one female subject on the Peabody Pic- ture Vocabulary, WISC. and SPM. A discussion of SPM Set E was presented and the test's ability to discriminate qualitatively among superior individuals was questioned.				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
Olson,D.R. and MacArthur,R.S.				
TITLE				
The effect of foreign language background on intelligence test performance.				
JOURN_BOOK				
Alberta Journal of Educational Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	1	157-167	ANTHROP EDUC FACT CORR IQTS KIDS VERB SPM NOAM	A.E.
ABSTRACT				
SPM, the Cattell Test of 'g', and the Lorge-Thorndike Figure Classification, in that order, best met the criteria of (a) high loading on a general intellectual ability factor, with negligible group factor loadings, (b) no significant relationship with foreign language background and (c) moderate relationship with school achievement. SPM also met the criteria of face validity and relative stability for bilingual children over the period grade III to grade VII.				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
Piercy,M. and Smyth, V.O.G.				
TITLE				
Right Hemisphere Dominance for Certain Nonverbal Intellectual Skills.				
JOURN_BOOK				
Brain				
VOLUME	SECTION	PAGES	CODES	INT_CODE
85	IV	775-790	CLIN NUSY ITEM BRDM SPM UK	-
ABSTRACT				
37 unselected cases of unilateral lesion involving the parietal lobe were studied for incidence of constructional disability and performance on an intelligence test involving visual spatial perception but no manual performance. Two dyspraxic and two control groups were compared on P.M. No difference exists between the scores of left and right hemisphere cases without constructional apraxia. R. hemisphere dyspraxics score significantly lower than L.hemisphere dyspraxics. The difference between each dyspraxic group and its control group was highly significant ($P < .001$.)				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
Rao,S.N.				
TITLE				
Predicting academic achievement of students in science and art colleges.				
JOURN_BOOK				
Psychological Studies				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	-	16-19	VOC SLCT VALD STUD SPM ASIA	V.
ABSTRACT				
Using four predictors with 220 students, achievement was reliably predicted. Best single predictor was found to be performance in pre-university examination.				

MATRICES	YEAR			
SPM	1962			
AUTHOR				
Ross,J.				
TITLE				
Predicting practical skill in engineering apprentices.				
JOURN_BOOK				
Occupational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	VOC STUD SLCT VALD CORR SPM UK	V.
ABSTRACT				
A study to identify tests which may serve to select apprentices who will do well in a factory setting. 231 students were tested and only two tests correlated significantly with factory ratings - Form Relations Tests and SPM (r=0.15).				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
Tesi,G.,Boutourline Young,H.				
TITLE				
A Standardization of Raven's Progressive Matrices 1938 (Revised Order 1956)				
JOURN_BOOK				
Archivio di Psicologia Neurologia e Psiciatra				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5		455-464	CRIT SPM NORM KIDS EURO	
ABSTRACT				
2432 Florentine school children and apprentices were administered the SPM in order to provide working percentiles, stanine points scale and cumulative frequency curves for scholastic population above 14 years, and for the general population.				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
Young,H.B., Tagiuri,R., Tesi,G. & Montemagni,G.				
TITLE				
Influence on town and country upon children's intelligence.				
JOURN_BOOK				
British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
32	-	151-158	ANTHROP EDUC KIDS SCLS SPM EURO	A.E.
ABSTRACT				
The results of a relatively culture free intelligence test (SPM) applied to a random sample of 5th grade elementary school classes in Florence area (Italy) showed a marked superiority of town boys over boys from the country. This superiority remained significant for socioeconomic classes 4 and 5 after differences in social class distribution had been controlled. However, no differences between urban and rural girls were found. Possible explanations of the results are discussed and the importance of further enquiry is emphasised.				

MATRICES		YEAR		
SPM		1962		
AUTHOR				
Zimny,Z.				
TITLE				
An analysis of the construction of J.C.Raven's "Progressive Matrices" Test.				
JOURN_BOOK				
Panstwowy Zaklad Wydawnictw Lekarskich Warsaw.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	63-64	ANTHROP ITEM CRIT SPM THEO CORR VALD EURO	A.
ABSTRACT				
A theoretical analysis of the construction of SPM is presented, together with an item analysis, taking account of the order of items. A new way of estimating SPM scores is offered, when given in limited or unlimited time. The indices of item difficulty found by Hornowski and in this study correlate highly, i.e. with Sets A,B and C r = .97, in Set D, r = .95, and in Set E, r = .88.				

MATRICES		YEAR		
SPM		1961		
AUTHOR				
Clark,P.J., Vandenberg, S.G. & Proctor, C.H.				
TITLE				
On the relationship of scores on certain psychological tests with a number of anthropometric characters and birth order in twins.				
JOURN_BOOK				
Human Biology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
33	-	163-180	GENET PHYS SPM NOAM	-
ABSTRACT				
A positive correlation is reported between scores on tests of cognitive skills and head size in monozygous and like-sexed dizygous twins. For the former, the relationship is significant at the 5% level, for the latter it is not significant. A positive correlation (1% level) is reported between cognitive skills scores (Chicago Test) and birth order in disygous twins with the higher score usually being obtained by the first born co-twin.				

MATRICES		YEAR		
SPM		1961		
AUTHOR				
Crookes,T.G., & French, J.G.				
TITLE				
Intelligence and wastage of student mental nurses.				
JOURN_BOOK				
Occupational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
35	-	149-154	ANTHROP VOC STUD CORR SLCT SPM UK	A.V.
ABSTRACT				
Progress of 136 student mental nurses, up to passing their final examination or leaving without doing so, were examined in relation to their score on SPM, untimed. Found that score correlated quite highly with examination success but not with eventual completion of course. When divided into three groups, Home, West Indian and non-English speaking, all showed positive correlation between SPM and examination success, but whereas West Indians showed a positive correlation between SPM and completion of the course, the others showed a small negative correlation. When reasons for leaving were considered, those who left because they were considered unsuitable by the hospital				

MATRICES		YEAR		
SPM		1961		
AUTHOR				
Dowis,J.L., and Buchanan, C.E.				
TITLE				
Some relationships between intellectual efficiency and the- severity of psychiatric illness.				
JOURN_BOOK				
Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
51	-	371-381	CLIN IQTS CORR THDS PSAT SPM NOAM	C.
ABSTRACT				
A group of 75 psychiatric patients was measured on two occasions with SPM and W.R.V.T. - once during maximal and once during minimal behavioural pathology. An increase in the severity of pathology was associated with a deficit in the efficiency of intellectual functioning. In addition, there was a significant loss noted in nonverbal modes of cognition (SPM) while verbal efficiency (W.R.V.T.) remains relatively unchanged.				

MATRICES		YEAR		
SPM		1961		
AUTHOR				
Feinberg,I. & Garman,E.M.				
TITLE				
Studies of thought disorder in schizophrenia: 2. Plausible and implausible errors on a modification of the Progressive Matrices Test.				
JOURN_BOOK				
Archives of General Psychiatry				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	-	191-201	CLIN ITEM BRDM PSSS SPM NOAM	C.
ABSTRACT				
SPM was modified so that solutions included wrong items which were geometrically similar to problems (plausible error choices) and wrong items which were geometrically dissimilar (implausible error choices). Modified tests of 23 items was administered to normal subjects (N=67) and to groups of patients suffering from acute schizophrenia, recent cases (N=37), chronic schizophrenia (long term cases N=23) and organic brain disease. Found that normal subjects make significantly fewer errors than any of groups of patients and that they make very few implausible errors. While groups of patients did not differ significantly in their mean total error scores, acute schizophrenics made signif				

MATRICES		YEAR		
SPM		1961		
AUTHOR				
Jamuar,K.K.				
TITLE				
Personality and achievement.				
JOURN_BOOK				
Psychological Studies				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	-	59-65	EDUC PERS STUD SPM ASIA	E.
ABSTRACT				
Two intelligence and 2 personality tests were administered to a group of college students. Results showed high dependence of achievement on personality adjustment. Home, emotional and social adjustments, were very important. Introversion was also found to be important in achievement.				

MATRICES		YEAR		
SPM		1961		
AUTHOR				
Martinez,R.L.				
TITLE				
Resultados de la prueba de J.C.Raven en sujetos espanoles.				
JOURN_BOOK				
Revista de Psicologia General y Aplicada				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17	-	715-718	ANTHROP KIDS NORM SPM EURO	A.
ABSTRACT				
Reports on the group testing of 2,510 subjects (aged 9-19) with SPM. Percentile tables are given.			[Text in Spanish]	

MATRICES		YEAR		
SPM		1961		
AUTHOR				
McLeod,H.N. and Rubin,J.				
TITLE				
Correlation between the Raven Matrices (Rev. 1956) and the Wechsler Adult Intelligence Scale (1955).				
JOURN_BOOK				
Ontario Hospital Psychology Bulletin				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	-	47-49	CRIT WAIS CORR SPM NOAM	-
ABSTRACT				
Correlation is slightly higher for males and proportional to level of intelligence. Regression allows prediction of Full Scale Score within 10 points in 73% of cases.				

MATRICES		YEAR		
SPM		1961		
AUTHOR				
Risso,W.L.				
TITLE				
El Test de Matrices Progesivas (Raven) y el Test Domino (Anstey).				
JOURN_BOOK				
Presented at Conference of Sociedad de Psicologia del Uruguay. Montevideo.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP KIDS AGES NORM SLCT SPM SCAM	A.
ABSTRACT				
A description of test administration and details of results with 1,634 subjects aged 12-44 in Uruguay. Percentiles are given by age. The SPM and Domino Test were used in a student selection setting and their relative value is reported. Reliability of SPM was 0.88. [Text in Spanish]				

MATRICES		YEAR		
SPM		1961		
AUTHOR				
Rocco,A.M.				
TITLE				
Normas para el Test de Matrices Progresivas, obtenidas sobre una poblacion de 5000 sujetos adolescentes y adultos Montevideanos.				
JOURN_BOOK				
Presented at Conference of Sociedad de Psicologia del Uruguay. Montevideo. -				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP RELI NORM SPM SCAM	A.N.
ABSTRACT				
Norms for SPM are reported based on data from 5004 subjects in Uruguay aged 12-44, and given under timed conditions (45 mins). Reliability was 0.87.				

MATRICES		YEAR		
SPM		1961		
AUTHOR				
Saarinen,P.				
TITLE				
Abstract and concrete thinking at different ages- as defined by some generalisation tests on girls from seven to fifteen.				
JOURN_BOOK				
Psychological Institute, University of Helsinki Unpublished Report.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC KIDS AGES SPM EURO	E.
ABSTRACT				
In a study of developmental levels in Finland, results on SPM were used as a criterion variable to determine non verbal intellectual ability. Results for students aged 7-15 are reported Some subjects were retested after one year and a high level of retest reliability found (no correlation cited).				

MATRICES		YEAR		
SPM		1961		
AUTHOR				
Shalman,D.C.				
TITLE				
The diagnostic use of the McGill Picture Anomaly Test in temporal lobe epilepsy.				
JOURN_BOOK				
Journal of Neurology, Neurosurgery and Psychiatry				
VOLUME	SECTION	PAGES	CODES	INT_CODE
24	-	220-222	CLIN NUSY WBIT BRDM SPM UK	C.
ABSTRACT				
An analysis of the McGill Picture Anomaly Teat suggests that its use as a diagnostic test for laterality of a lesion in temporal lobe epileptics is not supported. Contrary to Milner's (1958) predictions, the test did not differentiate patients with right temporal lobe disorders from patients with left temporal lobe disorders. Possibly the observations of Milner can be accounted for in terms of the right temporal lobe being important for performance on non-verbal tasks. SPM was included to assess this supposition, and it discriminated at a high level of significance between patients with disorders in the right temporal lobe and patients with the left temporal lobe involved. Left handed patients, as a group, tended to				

MATRICES YEAR				
SPM		1961		
AUTHOR				
Torrighiani, G.				
TITLE				
Rilievi psicometrici sulla efficienza intellettiva nello schizofrenico.				
JOURN_BOOK				
Archivio di Psicologia neurologia e psichiatria.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	-	589-604	CLIN PSSS SPM EURO	C.
ABSTRACT				

MATRICES		YEAR		
SPM		1961		
AUTHOR				
Wolf,W. & Stroud,J.B.				
TITLE				
The contribution of response in mental measurement.				
JOURN_BOOK				
Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
52	-	249-253	CRIT IQTS KIDS CORR TIME SPM NOAM	-
ABSTRACT				
To investigate speed of response as a factor in mental measure- ment, SPM and Leiter international performance scale were admini- stered in individual sessions to 102 5th grade pupils and a time score determined for each pupil. Utilisation of the time values together with the conventional scores resulted in correlations between the two tests in question (SPM & Leiter) and the two criterion tests, Iowa Test of Basic Skills and Lorge-Thorndike, significantly higher than correlations obtained between the conventional scores alone and the two criterion tests. Further analysis of SPM data of each 4th of items suggested that contribution of the time values increased from 1st to 4th of the items.				

MATRICES		YEAR		
SPM		1960		
AUTHOR				
Boschi,F.				
TITLE				
Contributo alla taratura del reattivo PM 1938 di J.C.Raven.				
JOURN_BOOK				
Bolletino di Psicologia Applicata				
VOLUME	SECTION	PAGES	CODES	INT_CODE
37-	39	173	SPM EURO CRIT NORM KIDS ANTHROP EDUC	A.E.N.
ABSTRACT				
Describes the features of SPM, and provides a number of normative tables for groups in the 12-14 age range, derived from Italian samples. Tables are presented according to grades, ages, and type of school. [Text in Italian]				

MATRICES		YEAR		
SPM		1960		
AUTHOR				
Dewaay, G.				
TITLE				
Contribution a l'etude du progressive matrices.				
JOURN_BOOK				
Cahiers de Pedagogie et d'Orientation professionnelle.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	-	185	CRIT THEO SPM AFRICA	C.
ABSTRACT				

MATRICES YEAR				
SPM	1960			
AUTHOR				
Esbenshade,A.A.				
TITLE				
Rigidity as a function of age and intelligence				
JOURN_BOOK				
Doctoral thesis,University of Pennsylvania.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CLIN ?SPM NOAM	C.
ABSTRACT				

MATRICES		YEAR		
SPM		1960		
AUTHOR				
Goetzinger,C.P., Dirks,D.D. & Baer,C.J.				
TITLE				
Auditory discrimination and visual perception in good and poor readers.				
JOURN_BOOK				
Annals of Otology, Rhinology and Laryngology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
69	1	121-136	EDUC CORR PHYS KIDS SPM NOAM	E.
ABSTRACT				
Fifteen poor readers from a public school reading clinic were matched with fifteen good readers from same school on basis of Binet IQ and C.A. All were males. Subjects were administered a battery of tests including W-22, Rush Hughes and Wepman auditory discrimination tests, SPM , Gottschaldt Figures, Figure- Ground test and California reading test, form X. Difference between groups on SPM was significant at .01 level of confidence. Positive correlations (.01 level) found between Gottschaldt and SPM and between SPM and reading. When a t score combination of Rush Hughes, Wepman and SPM tests was correlated with reading, a correlation of .731 was obtained.				

MATRICES		YEAR		
SPM		1960		
AUTHOR				
Laroche,J.L.				
TITLE				
Recherches sur les aptitudes des ecoliers du Katanga industriel (Congo Belge).				
JOURN_BOOK				
Le Travail Humain				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23	-	69-79	ANTHROP EDUC KIDS RELI CORR IQTS SPM AFRICA	A.E.
ABSTRACT				
200 6th grade primary school boys underwent a battery of 18 tests of different kinds (inc. SPM). Results invalidate two of Verhaegen's theses. The observed intertest correlations vary in size and suggest a structuralisation of mental activity around the same traits as for Belgian schoolboys.The relative stability of performance is very good. The absolute stability by test- retest for predicting future global success was best achieved by verbal tests in French. Author feels these tests can serve as vaid tools for urban Katangan school boys.				

MATRICES		YEAR		
SPM		1960		
AUTHOR				
Loranger,A.W. & Misiak,H.				
TITLE				
The performance of aged females on five nonlanguage tests of intellectual functions.				
JOURN_BOOK				
Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
16	-	189-191	CLIN CRIT AGES CORR RELI SPM NOAM	C.
ABSTRACT				
50 subjects randomly selected from a total of 140 female residents aged 74 to 80 years were administered Porteus Mazes, Wisconsin Card Sorting Test, SPM, Digit Symbol Test and Primary Mental Abilities Reasoning Test. There was considerable range on all the tests. With the exception of the Porteus test, none of the aged persons performed as well as the average adolescent or young adult in the normative group.				

MATRICES		YEAR		
SPM		1960		
AUTHOR				
Lunzer,E.A.				
TITLE				
Aggressive and withdrawing children in the normal school : 2. Disparity in attainment.				
JOURN_BOOK				
British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
30	-	119-123	EDUC CLIN KIDS SPM UK	E.C.
ABSTRACT				
In recent article, Lynn put forward the view that anxious child- ren tend to show a higher performance in reading as compared with arithmetic. A group of aggressive children and a group of with- drawing children were given tests of reading and arithmetic and disparity scores were compared. There is a strong tendency to perform badly in arithmetic and SPM. These results are discussed in light of the available evidence.				

MATRICES		YEAR		
SPM		1960		
AUTHOR				
Maher,B.A.				
TITLE				
Position errors and primitive thinking in the Progressive Matrices Test.				
JOURN_BOOK				
American Journal of Mental Deficiency				
VOLUME	SECTION	PAGES	CODES	INT_CODE
64	-	1016-1020	CRIT ITEM KIDS DFCT STUD SPM NOAM	-
ABSTRACT				
Two groups of subjects, college students and mentally retarded children, were tested with SPM . Frequency with which errors occurred in particular positions for both groups was computed for Sets A and B. Analysis of data obtained does not offer support for hypothesis that differences in intelligence lead to differential position preferences between the two groups. Such significant differences as were observed are more adequately explained by reference to the differential appeal of content of given available error choices. Clinical use of SPM for purposes other than obtaining a percentile score, seems to lack justification at present.				

MATRICES		YEAR		
SPM		1960		
AUTHOR				
Mason,P.L. and Casey,D.L.				
TITLE				
The use of psychological tests for selecting tabulating machine operators.				
JOURN_BOOK				
Personnel Practice Bulletin				
VOLUME	SECTION	PAGES	CODES	INT_CODE
16	-	39-41	VOC SLCT CORR SPM AUST	V.
ABSTRACT				
5 tasks were given to 74 trainees in tabulating machine work. Criteria were rank in class and a rating of ability to do the job after six months on the job. Tests of verbal reasoning and math- ematical ability yielded the highest correlations with the criteria. It is felt the tests were an aid in selection.				

MATRICES		YEAR		
SPM		1960		
AUTHOR				
Moran,R.E.				
TITLE				
Levels of attainments of educable subnormal adolescents.				
JOURN_BOOK				
British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
30	3	201-210	EDUC KIDS IQTS DFCT SPM UK	E.
ABSTRACT				
The academic achievements of 300 educably subnormal adolescents were compared with 50 controls of similar MA (C.A. 7-11) language and arithmetic tests were given together with SPM. Terman-Merrill scores were also available. It was concluded that testing with high verbal content produces a lower estimate of capacity than non-verbal testing with high 'g','k' or perceptual loading.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1960		
<i>AUTHOR</i>				
Myklebust,H.R.				
<i>TITLE</i>				
The psychology of deafness.				
<i>JOURN_BOOK</i>				
Grune and Stratton: New York and London				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
-	-	-	CLIN PHYS KIDS STUD DEAF VERB SPM	C.
<i>ABSTRACT</i>				
In chapter 5 (Deafness and Mental Development),the relationship between deafness and a wide range of intellectual measures is considered. The extent to which different types of test show impairment is compared. The unpublished study of Wright (1955) with deaf and hearing college students is quoted, showing no significant differences between groups.				

MATRICES		YEAR		
SPM		1960		
AUTHOR				
Nyman,G.E. and Smith,G.J.W.				
TITLE				
Serial performance patterns in Raven's Progressive Matrices.				
JOURN_BOOK				
Scandinavian Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	3	103-111	CLIN PERS PSAT ARMS SPM EURO	C.
ABSTRACT				
Paper intends to characterise from a serial point of view the five subsequent scores in SPM and to study the significance of various serial types. (1)by employing in parallel a diagnostic intrument serial version of Stroop's Colour Word Test (CW). (2) by correlating serial patterns in SPM and ratings of temperamental traits. One SPM pattern implied early, another late maximum performances - as predicted, the sequence of part performances on SPM independently of total score, appeared to correlate with 'cognitive style' in CW-test and with subjects observable behaviour in an interview situation.				

MATRICES		YEAR		
SPM		1960		
AUTHOR				
Rimoldi,H.J.A.				
TITLE				
Problem solving as a process				
JOURN_BOOK				
Educational and Psychological Measurement				
VOLUME	SECTION	PAGES	CODES	INT_CODE
20	3	449-460	CRIT SPM ITEM	
ABSTRACT				
Discusses the importance of obtaining information not only about correct solutions to problems, but also from errors. SPM is a case in point where choice of errors appears to be meaningful rather than random.				

MATRICES		YEAR		
SPM		1960		
AUTHOR				
Roberts,A.C., Metrick,S. & Rowley,J.				
TITLE				
Factors in behaviour of certain epileptic children.				
JOURN_BOOK				
Disorders of the Nervous System				
VOLUME	SECTION	PAGES	CODES	INT_CODE
21	-	669-677	EDUC CLIN BRDM KIDS DFCT SPM NOAM	E.C.
ABSTRACT				
6 children with "14 and 6" seizure pattern and with alexias, agraphias and deficient SPM scores (grade V) were placed on 5 mcg.T3 and trained by special techniques for a period of 2 mnth when they were again tested on SPM. In every case but one, the SPM score increased at least one grade level and in 3 cases it increased 2 grades, changing the rank from deficient to aver- age. With or without teaching it is shown that SPM scores of 10 out of 12 patients improved on retesting, after the admin- istration of T3, 5mcg daily for at least 2 months. SPM scores do not generally improve if a two month interval elapses between testing.				

MATRICES		YEAR		
SPM		1960		
AUTHOR				
Rosenthal,D., Lawlor, W.G., Zahn, T.P. & Shakow, D.				
TITLE				
The relationship of some aspects of mental set to degree of schizophrenic disorganisation.				
JOURN_BOOK				
Journal of Personality				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28	-	26-38	CLIN PSSS CORR SPM NOAM	C.
ABSTRACT				
It was hypothesized that the Set Index, which had discriminated normals and schizophrenics without overlap in a study by Rodnick and Shakow (1940) would successfully discriminate levels of disorganisation within a group of schizophrenic subjects. Patients were given SPM and the R.T. procedure. Set Index correlated .89 with mental health ratings (p<.01) and .26 with SPM scores (p>.05) i.e. not significant.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1960		
<i>AUTHOR</i>				
Urmer,A.H., Morris, A.B., & Wendland, L.V.				
<i>TITLE</i>				
The effect of brain damage on Raven's Progressive Matrices.				
<i>JOURN_BOOK</i>				
Journal of Clinical Psychology				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
16	-	182-5	CLIN CORR IQTS BRDM ITEM SPM NOAM	C.
<i>ABSTRACT</i>				
Two groups, one control and one with diagnosis of cerebro- vascular accident, were compared on W.A.I.S. and SPM. Results indicated that brain damaged subjects performed qualitatively as well as quantitatively poorer on SPM than control subjects. Total SPM performance for brain damaged Ss is depressed beyond intellectual depression reflected in W.A.I.S. Qualitative changes are reflected by C.V.A. group being less consistent in responding to item difficulty as well as making figure-ground reversal errors. Can be generally concluded that use of instruments which cease testing after a specified number of failures would penalise brain damaged individuals excessively.				

MATRICES		YEAR		
SPM		1960		
AUTHOR				
Wlodarski,Z.				
TITLE				
Bledy w rozpoznawaniu figure geometrycznych. [Errors in distinguishing geometrical figures.]				
JOURN_BOOK				
Przegląd Psychologiczny				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	-	89-99	OTHER CORR SPM EURO	-
ABSTRACT				
Results with 25 adults investigating the regularities in disting- uishing geometrical figures showed (a) uneven increase by leaps of difficulty in distinguishing geometrical figures results from the gradual increase of the number of the distinctive features. (b) a great difference between difficulty with 5 distinctive features and those with six features. (c)disturbances easily arise in distinguishing figures according to their size. (d) increase in the frequency of time errors in discerning figures, following the gradual complicating of the problem, even those that are quantitatively immeasurable. (e) a lack of correlation between ease in discerning geometrical figures and results obtained on SPM. [Text]				

MATRICES		YEAR		
SPM		1960		
AUTHOR				
Wolf,W.S.				
TITLE				
The contribution of speed of response in mental measurement.				
JOURN_BOOK				
Doctoral Thesis, State University of Iowa.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC TIME KIDS CORR IQTS SPM NOAM ITEM	E.
ABSTRACT				
Purpose was to investigate contribution of speed of response in intelligence tests to prediction of academic achievement and to attempt to improve predictive powers of SPM and Leiter Internat- ional Performance Scale by making time a part of the score. Tests given to a group of 5th grade school children. Hypothesis of study seemed to be supported as speed of response, when combi- ned with number of right scores on SPM and Leiter scale scores increases correlation between these tests and Iowa Test of Basic Skills (ITBS) and Large Thorndike Test scores. However, correlations also showed that SPM and Leiter tests used here are not good predictive instruments. Assumption that				

MATRICES		YEAR		
SPM		1959		
AUTHOR				
Dash, S.C. & Kanungo, R.				
TITLE				
Progressive Matrices and school success: a factor analytical study.				
JOURN_BOOK				
Psychologia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	-	246-250	EDUC ANTHROP FACT VALD CORR STUD SPM ASIA	E.A.
ABSTRACT				
Through testing 100 students in the matriculation class (ages 13-17) of Ranihat High School, Cuttack, comparisons were obtained between SPM (as the criterion non-verbal intelligence measure) and school subjects (Maths, Language, History, General Sciences and General Knowledge). In addition the scores were factor-analyzed. SPM correlated best with Maths (.39), Sciences (.33) and an aggregate school performance (.37). SPM had a factor loading of .611 on the first (non-verbal intelligence) factor.				

MATRICES YEAR				
SPM		1959		
AUTHOR				
Dewaay,G.				
TITLE				
Contribution a l'etude du Progressive Matrices 1938 de Raven. Centre Pilote d'orientation Professionnelle de Leopoldville. March.				
JOURN_BOOK				
Unpublished manuscript.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP NORM AGES SCLS SPM AFRICA	A.
ABSTRACT				
An introduction (in French) to the value of SPM as a nonverbal intelligence test in the Congo, particularly because of its ease of administration. Data relating to its use with 1984 subjects are reported.				

MATRICES		YEAR		
SPM		1959		
AUTHOR				
Dhar,C., & Marr, E.				
TITLE				
A study of the practice effect of taking Raven's Matrices on performance on the N.I.I.P. group test 70/23 and of the N.I.I.P. on the Raven's Matrices.				
JOURN_BOOK				
Journal of Vocational and Educational Guidance.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	-	187-189	VOC EDUC ANTHROP KIDS IQTS SPM ASIA	V.E.
ABSTRACT				
Two matched groups of Indian schoolboys were given N.I.I.P. and SPM to determine whether practice on one would enhance performance on the other. Experience with N.I.I.P. did result in a greater SPM score, but the converse was not found.				

MATRICES		YEAR		
SPM		1959		
AUTHOR				
Ermentini,A.				
TITLE				
Il deterioramento mentale patologico.Considerazioni e rilievi clinici.				
JOURN_BOOK				
Nevrasse				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	-	1-19	CLIN SPM EURO PSAT	C.
ABSTRACT				

MATRICES		YEAR		
SPM		1959		
AUTHOR				
Erpicum,D.				
TITLE				
Tests Mentaux et Resultats Scolaires Chez Des Enfants Congolais. Psychological Tests and Academic Results of Congolese Children.				
JOURN_BOOK				
Revue Psychologie Appliquee.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	-	11-21	ANTHROP EDUC CORR KIDS VALD SPM AFRICA	A.E.
ABSTRACT				
A critical attempt to present three tests using two separate techniques was carried out in Katanga on 210 children in their 4th, 5th and 6th primary grades. They were administered at each level following a test of numerical reasoning capacity. The control group received the standard instructions and the experimental group carried out a prior series of numerical items analogous to those of the test. The aim was for the experimental group to avoid the errors of simple reproduction (such as those frequently made in Raven's 38th Matrix) and eventually to obtain a value level less aleatory (2 variable) and more stable. The figures (2 significances) were in fact superior in the experimental				

MATRICES		YEAR		
SPM		1959		
AUTHOR				
Hornowski,B.				
TITLE				
Analiza Psychologiczna Testu Percepcysnego J.C.Ravena. (The psyc- hological analysis of J.C.Raven's P.M. test of perception).				
JOURN_BOOK				
Panstwowe Wydawnictwo Naukowe				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	Pp. 213	ANTHROP EDUC KIDS STUD SPM EURO	A.E.
ABSTRACT				
A representative group of Poznan school children (544 boys and 501 girls) was administered SPM to find out the diagnostic and prognostic value of this scale and to adapt it to the mental dev- elopment of Polish youth. It was also administered to 62 graduate students at Poznan University. It is concluded that the SPM scores show a normal distribution and that the test has diagnostic and prognostic value.				

MATRICES		YEAR		
SPM		1959		
AUTHOR				
Hornwoski,B.				
TITLE				
Bandanie zdolnosci myslenia testem percepcyjnym "Matrix" J.C. Ravena.				
JOURN_BOOK				
Filozofia, Psychologia, Pedagogika.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	-	17-33	CRIT CORR IQTS VALD SPM EURO	-
ABSTRACT				
This is a study of thinking capacity, using SPM. Intertest correlations are given for SPM and Otis. Largest r is between SPM and the Maths subtest of the Otis scale - r for boys = .87, for girls, r = .67. Using factory workers, predictive validity was high, for females r = .7, for males r = .72. -----				

MATRICES		YEAR		
SPM		1959		
AUTHOR				
Jamuar,K.K.				
TITLE				
Study habits and intelligence.				
JOURN_BOOK				
Psychological Studies				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	-	30-34	ANTHROP ASIA IQTS CORR VALD STUD	A.
ABSTRACT				
Compared the performance of an unspecified number of 2nd year Arts and Science college students, on SPM, Mohsin's Group Test and exam performance. SPM and exam marks correlated .14, while SPM and Mohsin's Test correlated .375. No relationship was found between SPM and a measure of study habits.				

MATRICES		YEAR		
SPM		1959		
AUTHOR				
Jordan,T.E. and Decharms,R.				
TITLE				
The achievement motive in normal and mentally retarded children.				
JOURN_BOOK				
American Journal of Mental Deficiency				
VOLUME	SECTION	PAGES	CODES	INT_CODE
64	-	457-466	CLIN EDUC KIDS DFCT SPM NOAM	C.E.
ABSTRACT				
An evaluation is made of conceptual and empirical status of the achievement motive in the study of mental retardation. Using two groups of mentally retarded, educable, adolescent males and a comparable group of normals, this study found that the achieve- ment measure is not applicable to prediction of academic perform- ance whether in a first order correlational relationship or in a multiple correlational relationship with an intelligence measure. Authors report that mentally retarded children are subjected to atypical child-rearing practices, at least as far as achievement motivation is concerned, and that educable children exposed to a special curriculum give evidence of this treatment in				

MATRICES		YEAR		
SPM		1959		
AUTHOR				
Knief,L.M. and Stroud,J.B.				
TITLE				
Intercorrelations among various intelligence, achievements and social class scores.				
JOURN_BOOK				
Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
50	-	117-120	EDUC IQTS CORR SCLS KIDS SPM NOAM	E.
ABSTRACT				
The analyses reported in this paper give little justification for the use of the Davis Eells Games, Lorge-Thorndike nonverbal intelligence tests and SPM in conjunction with the Lorge-Thorn- dike verbal intelligence tests for general prediction purposes. This in no sense denies their usefulness in individual diagnosis. In need of further exploration in particular is the significance of extreme discrepancies in performance on verbal and nonverbal intelligence tests.				

MATRICES		YEAR		
SPM		1959		
AUTHOR				
Laroche,J.L.				
TITLE				
Effets de repetition du Matrix 38 sur les resultats d'enfants Katangais.				
JOURN_BOOK				
Bulletin du Centre d'Etudes et Recherches Psychotechniques				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1-2	-	85-99	CRIT ANTHROP CORR KIDS ITEM RELI VALD SPM AFRICA	A.
ABSTRACT				
Effects of repetition of SPM were studied in the case of Black schoolboys from the 4th, 5th and 6th primary grades in the industrial section of Upper Katanga. Split-half reliability is above .9, but unevenness of test items reduces the scope of theoretical conclusions. Improvement of performances with repetition of the test is accompanied by a change in the type of error made by the same subjects: intelligent errors replace the stereo- typed reproduction of pattern in the matrix. Successive repetitions do not improve the scholastic validity of the test, which is practically nil for French and weak for Arithmetic.				

MATRICES		YEAR		
SPM		1959		
AUTHOR				
Loranger,A.W. and Misiak,H.				
TITLE				
Critical flicker frequency and some intellectual functions in old age.				
JOURN_BOOK				
Journal of Gerontology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
14	-	323-327	CLIN RELI AGES CORR IQTS FACT VALD SPM NOAM	C.
ABSTRACT				
Fifty female residents of homes for the aged, all between 74 and 80 years and free from eye pathology, neurological disorders and senility were given the following battery of tests: Critical Flicker frequency (CFF), Porteus Maze, Wisconsin Card Sorting, SPM, Digit Symbol and PMA reasoning. These tests chosen as performance on them declines markedly with age. All tests of intellectual functions except the Porteus Maze, correlated significantly with CFF. Relationship of CFF and intellectual function is tentatively ascribed to a reduced central neural efficiency in old age which adversely affects both CFF and some intellectual functions.				

MATRICES YEAR				
SPM		1959		
AUTHOR				
Maistriaux,R.				
TITLE				
L'intelligence et le caractere.				
JOURN_BOOK				
Presses Universitaires de France				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	MISC PERS SPM AFRICA	-
ABSTRACT				
[Text in French]				

MATRICES		YEAR		
SPM		1959		
AUTHOR				
Mehrotra,S.N.				
TITLE				
An education-vocational guidance project for intermediate students: A Follow-up Study.				
JOURN_BOOK				
Indian Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
34	-	148-162	ANTHROP EDUC VOC IQTS STUD NORM VALD CORR FAC T SPM ASIA	E.V.A.
ABSTRACT				
Intermediate examination results of 186 college students were used to determine the predictive validity of tests in verbal intelligence and nonverbal intelligence, SPM, and tests of form and spatial relations. Validity of nonverbal tests was relatively low. Some consideration is given to the psychologically "fit" who failed the school achievement examination, the "unfit" who passed and the "unfit" who failed; recommendations are made for counselling these special groups. A factor analysis of psychological tests is included.				

MATRICES		YEAR		
SPM		1959		
AUTHOR				
Mohsin,S.M.				
TITLE				
Plea for a scientific aptitude test and a preliminary report of the development of such a test.				
JOURN_BOOK				
Indian Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
34	-	36-42	ANTHROP EDUC CORR SLCT SPM ASIA	A.E.
ABSTRACT				
A verbal intelligence test can not be used for screening pupils for the science course. Nor can a nonverbal abstract reasoning test be used for this purpose. Correlation studies of SPM and the writers VIT support this contention.				

MATRICES		YEAR		
SPM		1959		
AUTHOR				
Morgaut,M.E.				
TITLE				
Note sommaire sur quelques comparaisons psychologiques entre les populations Africaines, Malagaches et Europeenes.				
JOURN_BOOK				
Revue de Psychologie Appliquee.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	-	195-206	ANTHROP RACE SPM AFRICA	A.
ABSTRACT				

MATRICES		YEAR		
SPM		1959		
AUTHOR				
Raaheim,K.				
TITLE				
The ability to name functions for common objects.				
JOURN_BOOK				
Nordisk Psykologi				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	5	215-224	OTHER IQTS SPM EURO	-
ABSTRACT				
Two groups of subjects were used to investigate the relationship between ability to list functions for objects, and general mental abilities, as measured by SPM and the Monnesland Test. In both groups statistically significant differences are found between mean number of functions listed in sub-groups on different levels of general intelligence.				

MATRICES		YEAR		
SPM		1959		
AUTHOR				
Rath,R.				
TITLE				
Standardisation of Progressive Matrices among college students.				
JOURN_BOOK				
Journal of Vocational and Educational Guidance. (Bombay).				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	4	167-171	VOC STUD NORM CORR IQTS RELI SPM ANTHROP ASIA	V.A.
ABSTRACT				
With a view to standardising SPM on University students, 600 were given these tests. Two samples were used, 275 graduates and 325 undergraduates. There was no significant difference in the scores of two samples for each of the five sets, calculated separately, as well as in the total scores. The percentile points of present samples came very close to those of Raven's Study. SPM correlated significantly with Verbal Intelligence Tests and Arithmetic but did not correlate so well with English and General Knowledge. From the evidence presented here, it can be reasonably said that SPM as nonverbal tests of intelligence are not affected by cultural or linguistic differences.				

MATRICES		YEAR		
SPM		1959		
AUTHOR				
Valentine,M.				
TITLE				
Psychometric Testing in Iran.				
JOURN_BOOK				
Journal of Mental Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
105	-	93-107	ANTHROP STUD SLCT KIDS ITEM SPM ASIA	A.
ABSTRACT				
Intelligence scores on SPM are lower in Iranian school and uni- versity populations than the expected norms and especially in non westernised groups. It is believed that this is due to lack of training in perceptual analysis and logical reasoning. Traditionally there is a trend to speculative theorizing and this tendency is confirmed by results of "value" tests. Personality testing shows a tendency to uniformity of response. Students are gregarious, unaggressive and protective but at adolescence these traits are offset by frustrations due to other causes. More neuroticism than might be expected but it takes the form of preoccupation with feelings of humiliation, inferiority and sensitiveness. In the				

MATRICES		YEAR		
SPM		1959		
AUTHOR				
Vargas-Martinez,C.				
TITLE				
Estandar dizacion de l test de Matrices Progressivas en la Universidad Industrial de Santander				
JOURN_BOOK				
Revista de la Universidad Industrial. Santander				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	1	29-36	ANTHROP EDUC SLCT STUD AGES NORM SPM SCAM	A.E.
ABSTRACT				
SPM has been applied to the students of the Industrial University of Santander (Colombia). Of 354 freshmen that took the test, 309 were selected and 45 were eliminated because of lack of comprehension in the questions and other small causes. The information gained by the dean of the Psychological Dept. of this University made s standard table possible for new admissions in years to come.				

MATRICES		YEAR		
SPM		1958		
AUTHOR				
Adrados,I.				
TITLE				
O teste das Matrizes progressivas em algumas profissoes				
JOURN_BOOK				
Arquivos Brasileiros de Psicotechnia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	-	25	ANTHROP SPM SCAM	A.
ABSTRACT				

MATRICES		YEAR		
SPM		1958		
AUTHOR				
Centre-Pilote d'Orientation Professionnelle				
TITLE				
Contributions a l'etude du Progressive Matrices 1938 de Raven				
JOURN_BOOK				
Leopoldville, Centre d'Orientation Professionnelle				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP SPM AFRICA	A.
ABSTRACT				

MATRICES YEAR				
SPM		1958		
AUTHOR				
Centre-Pilote d'Orientation Professionnelle				
TITLE				
Etude sur le test Progressive Matrices.				
JOURN_BOOK				
Leopoldville, Centre-Pilote d'Orientation Professionnelle				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP SPM AFRICA	A.
ABSTRACT				

MATRICES		YEAR		
SPM		1958		
AUTHOR				
Dosajh,N.J.				
TITLE				
Progressive Matrices as a tool for diversification at Hr. Sec. levels.				
JOURN_BOOK				
Punjab Education Quarterly				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC SPM ASIA	E.
ABSTRACT				

MATRICES		YEAR		
SPM		1958		
AUTHOR				
Foulds,G.A. & Caine,T.M.				
TITLE				
Personality factors and performance on timed tests of ability.				
JOURN_BOOK				
Occupational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
32	-	102-105	CLIN PERS NEUR SPM UK	C.
ABSTRACT				
In a recent study,author found scoring patterns on some cognitive tests were related to personality type rather than diagnostic type. Present study was of 68 women (20-59 yrs.) admitted to hospital and suffering from a neurosis (Hysteria, anxiety, depre- ssion)- Tested on battery of psychological tests and classified as to personality type (hysteroïd and obsessive). For SPM and Porteus Mazes, total Matrices time and total Maze tracing time do not differentiate between groups with similar personality ratings but do differentiate between groups with dissimilar personality ratings, regardless of diagnosis. For NIP Group Test 80A (to assess spatial ability) no significant difference due to diagnosis, but				

MATRICES		YEAR		
SPM		1958		
AUTHOR				
Girija,P.R.				
TITLE				
Prediction of academic achievement of students in agricultural sciences using intellectual and non-intellectual variables.				
JOURN_BOOK				
Indian Psychological Review				
VOLUME	SECTION	PAGES	CODES	INT_CODE
28	3	31-38	EDUC VOC IQTS PERS VALD CORR STUD SPM ASIA	E.V.
ABSTRACT				
Investigated academic predictions with 788 students admitted to Bangalore University. The addition of 16 intellectual measures (including SPM) and non-intellectual measures to pre-University marks contributed significantly to predictions of academic achievement.				

MATRICES		YEAR		
SPM		1958		
AUTHOR				
Kasper,S.				
TITLE				
Progressive Matrices (1938) and emotional disturbance.				
JOURN_BOOK				
Journal of Consulting Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
22	24	-	CLIN PSSS CORR IQTS SPM NOAM	C.
ABSTRACT				
Paper summarises (a) SPM and WAIS Vocabulary Test relationships to morbidity scores derived from Looor Multidimensional Rating Scale for Psychiatric Patients (M.S.R.P.P.) and (b) relationship to morbidity of two points or more deviation between expected and actual scores in any of SPM's five sets. Subjects were 50 consec- utive first admissions to hospital. SPM and WAIS-V were in 48% agreement. 82% (N=41) of cases scores as high or higher on SPM as on WAIS-V with SPM scores greaterin 34% (N=17) of total cases. Found .50 correlation between SPM and WAIS-V ($p<0.05$), similar to previous findings. No meaningful relation found between ratings of morbidity and estimates of				

MATRICES		YEAR		
SPM		1958		
AUTHOR				
Mehrotra,S.N.				
TITLE				
Predicting intermediate examination success by means of psychological tests: a follow-up study.				
JOURN_BOOK				
Journal of Vocational and Educational Guidance.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	4	157-165	VOC ANTHROP VALD CORR IQTS FACT SPM ASIA	V.A.
ABSTRACT				
Reports results with 186 students on a battery of tests being investigated for their potential in predicting examination performance in Allahabad. SPM correlates significantly with all other tests and had a factor loading of .755 on `g`. SPM correlated .29 with the criterion measure.				

MATRICES		YEAR		
SPM		1958		
AUTHOR				
Mundy,L. and Maxwell,A.E.				
TITLE				
Assessment of the feeble minded.				
JOURN_BOOK				
British Journal of Medical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
31	3&4	201-210	CLIN CRIT WBIT DFCT CORR SPM UK	C.
ABSTRACT				
Attention is drawn to the present method of assessing intellectual ability of the feeble minded and effort is made to clarify relationship between IQ's obtained from (a)WAIS (b)Stan- ford-Binet, Terman-Merrill revision 1937, Form L and SPM. WAIS full scale results were compared with results on SPM for different age groups. Differences were not pronounced, though those for age groups 16-20 and 51-60 years were significant.The latter is largely attributed to lower reliability of SPM for younger and older age groups. Due to Wechsler and SPM tending to show agreement, it is tentatively suggested that Stanford Binet grossly underestimates intellectual ability of so-called feeble minded, especially				

MATRICES		YEAR		
SPM		1958		
AUTHOR				
Nisbet,J.D.				
TITLE				
Intelligence and family size, 1949-56.				
JOURN_BOOK				
Eugenics Review				
VOLUME	SECTION	PAGES	CODES	INT_CODE
49	4	201-202	MISC CORR KIDS SPM UK	M.
ABSTRACT				
Compares intelligence scores (on the Moray House Tests) and family size for samples in Aderdeen for 1949, 1950 and 1956.				

MATRICES		YEAR		
SPM		1958		
AUTHOR				
Payne,R.W.				
TITLE				
Thought Processes, Normal and Abnormal.				
JOURN_BOOK				
Proceedings of the XIII Congress of the International Association of Applied Psychology. Rome.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CLIN PERS NEUR SPM	-
ABSTRACT				
Looks at some of the more specific aspects of cognitive function and gives some examples with scores on SPM.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1958		
<i>AUTHOR</i>				
Swinnen,K.				
<i>TITLE</i>				
Een onderzoek met de Progressive Matrices '38 op een groep leerlingen van de zesde latijnse en zesde moderne.				
<i>JOURN_BOOK</i>				
Tijdschrift voor Studie en Bereopsorienturung				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
5	-	13-25	CRIT EDUC KIDS VALD RELI ITEM SPM EURO	E.
<i>ABSTRACT</i>				
SPM given to 180 boys, aged 12-13 years, doing an arts course. Predictive validity relating to scholastic attainment in first two years was .537 (Greek and Latin Group) and .21 (modern lang- uages). Reliability was .85 and with correction for homogeneity this rose to .95.				

MATRICES		YEAR		
SPM		1958		
AUTHOR				
Tracht, V.S.				
TITLE				
A comparative study of cerebral palsied and normal adults on two forms of Raven's "Progressive Matrices".				
JOURN_BOOK				
Doctoral Thesis, Loyola University, Chicago.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CLIN BRDM FMBD PHYS TIME SPM NOAM	C.
ABSTRACT				
No significant differences were found between a group of cerebral palsied adults and a group of normal adults on either the booklet or the block form of the SPM. A very significant difference was found between the two groups (normal and palsied) in the time taken to complete the booklet form of SPM. This would strongly indicate that the time element is an important factor to consider in evaluating the overall findings of this study and the test results of cerebral palsied persons in general, whether children or adults.				

MATRICES		YEAR		
SPM		1957		
AUTHOR				
Bucklow,M., & Doughty, P.				
TITLE				
Tests in clerical employment : The selection of accounting machinists.				
JOURN_BOOK				
Personnel Practice Bulletin				
VOLUME	SECTION	PAGES	CODES	INT_CODE
13	-	35-44	VOC SLCT SPM AUST	V
ABSTRACT				
In selecting female bookkeeping machine operators for a bank, the A.C.E.R. Checking and Numbers tests were found most useful. N=53 and 44 for two groups. The criterion was supervisor's ratings. The 5% level of confidence was satisfied. (Other tests used were A.C.E.R. Word Knowledge (Form B), SPM (using timed subtests) and a five minute Arithmetic test constructed by A.C.E.R.).				

MATRICES		YEAR		
SPM		1957		
AUTHOR				
Dierkens,J.				
TITLE				
Norms du test Matrix 1938 pour l'usage individuel chez l'adulte d'instruction primaire.				
JOURN_BOOK				
Revue Belge de Psychologie et de Pedagogie.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
78	-	33-37	EDUC NORM SPM EURO	-
ABSTRACT				

MATRICES		YEAR		
SPM		1957		
AUTHOR				
Hall,J.C.				
TITLE				
Correlation of the modified form of Raven's Progressive Matrices (1938) with the Wechsler Adult Intelligence Scale.				
JOURN_BOOK				
Journal of Consulting Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
21	-	23-26	CRIT ITEM CORR IQTS RELI SPM NOAM	-
ABSTRACT				
Reliability, item difficulty and correlation with W.A.I.S. of a modified (30 item) form of SPM was investigated. Findings were: 1. Kuder Richardson reliability coefficient for modified version of SPM is 0.864 (N=82). 2. Correlation of modified SPM with W.A.I.S. Performance Scale is 0.705, with verbal scale score .584 and with full scale score .721. Difference in correlations with verbal and performance scales suggest that SPM may be a useful complement to the verbal scale in evaluating intellectual function of brain damage individuals. 3. Severe shortcoming of the modified SPM was its low ceiling. Score distribution showed significant departure from both normality and symmetry. An				

MATRICES YEAR				
SPM		1957		
AUTHOR				
Jacobbi,G.				
TITLE				
Contributo alla taratura del test "Matrici Progressive 1938".				
JOURN_BOOK				
Medicina Sociale				
VOLUME	SECTION	PAGES	CODES	INT_CODE
11	-	419-420	OTHER NORM SPM EURO	-
ABSTRACT				

MATRICES		YEAR		
SPM		1957		
AUTHOR				
Morgan,E.R.				
TITLE				
Bilingualism and Non-Verbal Intelligence.				
JOURN_BOOK				
Pamphlet No.4. Faculty of Education, University of Wales, Aberystwyth				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC KIDS CORR IQTS SLCT RELI SPM UK	E.
ABSTRACT				
Investigated the suitability of SPM, Jenkins Non-Verbal Test 2 and Daniel's Figure Reasoning Test for selection purposes in Welsh schools. On the basis of a sample of 648 pupils, SPM proved the most satisfactory, being least influenced by linguistic background. Reliability is reported as .90.				

MATRICES		YEAR		
SPM		1957		
AUTHOR				
Ombredane,A., Robaye,F. and Robaye,F.				
TITLE				
Analyse de resultats d'une application experimentale du Matrix 38 a 485 noirs Baluba.				
JOURN_BOOK				
Bulletin du Centre d'Etudes et Recherches Psychotechniques				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	-	235-255	ANTHROP CRIT ITEM AGES TIME SPM AFRICA	A.
ABSTRACT				
The authors analyse the results of SPM with 485 Baluba Blacks of at least 17 years of age, having had at least three years schooling, natives of a province in the Belgian Congo. Results. (1) subjects aged 21-29 succeed less well than those aged 17-20. Those older than 29 obtain very low marks. (2) Marks improve as the period of schooling increases. This is particularly noticable for those having 5-6 years of schooling. (3) It is shown that the time allowed for testing ought to be at least 40 minutes. A "no time limit" test is always the best solution if the maximum information from the test is to be obtained. (4) Beyond D10, only items F1 and F2 still discriminate. The result is that if it is desired to				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1957		
<i>AUTHOR</i>				
Sullivan,A.				
<i>TITLE</i>				
Measurement of Intelligence in Different Environments				
<i>JOURN_BOOK</i>				
Bulletin of the Maritime Psychological Association.				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
6	-	18-23	ANTHROP KIDS WBIT CORR RACE BRDM SPM NOAM	-
<i>ABSTRACT</i>				
Groups of 15 to 16 year old school children from 2 cities and a region of isolated settlements in Newfoundland were compared for performance on two tests of intellectual ability. The hypothesis that an inferiority of I.Q. in the isolated regions would be found on Wechsler-Bellevue Form I (which stresses numerical & verbal abilities) but would not be found on SPM was verified by the results. Correlation between the tests was low for city groups but fairly high (.719) for the isolated region group.				

MATRICES		YEAR		
SPM		1957		
AUTHOR				
Wysocki,B.A.				
TITLE				
Assessment of intelligence level by the Rorschach Test as compared with objective tests.				
JOURN_BOOK				
Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
48	-	113-117	OTHER CLIN CORR PERS SPM EURO	C.
ABSTRACT				
An attempt was made to determine validity of the group Rorschach in assessing level of intelligence. Group Rorschach results were compared with verbal (SP Test 15, British Army) and nonverbal (SPM) intelligence tests for men and women separately. Significant correlations from .272 to .450 were found for Rorschach categories of: total number of responses, percentage of whole responses, percentage of animal responses. Correlations between poor form level and intelligence tests were not significant when calculated for men and women separately. Using a correlation matrix for men and women together, several corrected multiple correlations were calculated. The following Rorschach categories				

MATRICES		YEAR		
SPM		1957		
AUTHOR				
Wysocki,B.A. & Cancardas,A.				
TITLE				
A new estimate of Polish intelligence.				
JOURN_BOOK				
Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
48	-	525-533	ANTHROP ARMS SPM EURO	A.
ABSTRACT				
Aimed to produce recent and valid data on intelligence of Poles. Sample of almost 16,000 adults ,representing all classes and parts of Poland was given SPM. Test results were subjected to percentage analysis according to different military assignments, educational levels, ages and occupational backgrounds. SPM ranked various Polish groups in about same order as for similar English groups and assigned scores numerically comparable to corresponding English scores (and to scores of other intellig- ence tests in U.K. and U.S.A.) for comparable groups. Results show marked differences in intelligence levels of different groups caused by different factors, e.g. education, rural or industrial				

MATRICES		YEAR		
SPM		1956		
AUTHOR				
Barratt,E.S.				
TITLE				
The relationship of the Progressive Matrices (1938) and the Columbia Mental Maturity Scale to the WISC.				
JOURN_BOOK				
Journal of Consulting Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
20	-	294-296	CRIT CORR IQTS WISC KIDS SPM NOAM	-
ABSTRACT				
Columbia Mental Maturity Scale (CMMS) and SPM were related to WISC. 74 4th grade children were tested. Both SPM and CMMS were significantly related to the WISC total, verbal and performance scales. SPM had more variance in common with WISC total score than CMMS. Relationship of the SPM and CMMS to the WISC subtests was also discussed.				

MATRICES		YEAR		
SPM		1956		
AUTHOR				
Barratt,P.E.H.				
TITLE				
The role of factors in ability theory.				
JOURN_BOOK				
Australian Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	2	93-105	OTHER FACT THEO SPM AUST	-
ABSTRACT				
A factor analysis of a series of 23 tests all having a spatial component revealed three factors. A factor labelled reasoning included SPM. However, SPM also loaded on an unexpected factor with contributions from tests loading on both factor I and factor II. This factor III,'the subject does not have to concern himself with variations of size or basic shape of the visual pattern but only with the position into which a constant shape has been manipulated'.				

MATRICES YEAR				
SPM		1956		
AUTHOR				
Castetter, J.S.				
TITLE				
An empirical investigation of the item characteristics, validity and reliability of Raven's Progressive Matrices Test.				
JOURN_BOOK				
Master's Thesis, Indiana University(Bloomington, Ind.)				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	STAT ITEM CORR VALD RELI SPM NOAM	-
ABSTRACT				

MATRICES		YEAR		
SPM		1956		
AUTHOR				
Cortada,N.				
TITLE				
Tipificacion del test de inteligencia de Raven para la ciudad de Buenos Aires				
JOURN_BOOK				
Revista de Sanidad Escolar				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	1		ANTHROP EDUC NORM KIDS SOAM AGES SPM	A.E.
ABSTRACT				
Presents normative data on SPM for children ages 6-13 in schools in Buenos Aires. Reports means and variance with a comparison with British norms. [Text in Spanish]				

MATRICES		YEAR		
SPM		1956		
AUTHOR				
Gozzano,M., Reda,G.C., Riccio,D. & Nencini,R.				
TITLE				
Estudo do deterioramento intelectual atraves da relacao vocabulario-Progressive Matrices.				
JOURN_BOOK				
Revue de Psicol. Norm. e Patol.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	-	273	CLIN AGES SPM EURO	C.
ABSTRACT				
Compares results on a vocabulary scale (Wechsler) and SPM to det- ermine the effects of age on the two types of test. Educational level also taken into account. 300 subjects were tes- ted, with ages ranging from 20 -93 years. Concluded SPM is sens- itive to age changes and appropriate, together with a vocabulary test, for identifying reducing intellectual efficiency. [Text in Italian: Summary in English]				

MATRICES		YEAR		
SPM		1956		
AUTHOR				
Hamoir-Looze, J.				
TITLE				
Nouvel essai de selection pre-universitaire.				
JOURN_BOOK				
Le Travail Humain				
VOLUME	SECTION	PAGES	CODES	INT_CODE
19	-	230-239	VOC STUD CORR SLCT TIME VALD SPM EURO	V
ABSTRACT				
SPM was applied to students of the first candidatures in Applied Sciences, Philosophy and Letters preparation to Law, Philosophy and Letters preparatory to Philology. The applied Sciences students are the most gifted. The Law and Philology students are equally poorly gifted to start with; the Philology students, however, make up for this early inferiority by hard work. The results over a limited period (R') are more exclusively dependent on the usual practice of intellectual aptitude, whereas the aggregate results (R) are greatly influenced by hard work and characterial features. SPM is a very interesting element in forecasting the results of examinations for the first candidature in Applied				

MATRICES		YEAR		
SPM		1956		
AUTHOR				
Jahoda,G.				
TITLE				
Assessment of abstract behaviour in a non-western culture.				
JOURN_BOOK				
Journal of Abnormal and Social Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
53	-	237-243	ANTHROP RELI CORR KIDS SPM AFRICA	A.
ABSTRACT				
The series of investigations reported indicate that the problems inherent in any attempt to assess abstract behaviour in different cultures are closely analogous to those encountered when one is trying to compare levels of intelligence. Various investigations in different parts of Africa have accumulated data showing the difficulties Africans experience in manipulating spatial relations and perceiving complex shapes. The available evidence suggests that the absence of adequate environmental support for such abilities is mainly or perhaps entirely responsible. The findings with SPM are in line with this view.				

MATRICES		YEAR		
SPM		1956		
AUTHOR				
Jones,H.G.				
TITLE				
Comments on "The validity and interchangeability of Terman-Merr- ill and Matrices test data" by D.Walton.				
JOURN_BOOK				
British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	-	141	CRIT IQTS THEO VALD SPM UK	-
ABSTRACT				
Short report supporting SPM against criticism by Walton. There is no denying that SPM is an instrument which to a large extent measures "general cognitive ability of an individual". Matrices results are reported in terms of IQ equivalents as consumers are more familiar with scores in this form. IQ's are derived by trans lation of percentile ranks by means of normal curve tables into SD values, then expressed in terms of distribution which with mean 100 and SD 16. So reported score is methodologically equivalent to IQ on a Wechsler Test.				

MATRICES		YEAR		
SPM		1956		
AUTHOR				
Knehr,C.A.				
TITLE				
Progressive Matrices findings associated with cerebral histopathology.				
JOURN_BOOK				
Perceptual and Motor Skills				
VOLUME	SECTION	PAGES	CODES	INT_CODE
6	-	249-254	CLIN ITEM BRDM SPM NOAM	C.
ABSTRACT				
An apparently useful diagnostic indicator of histopathologic factors in intellectual impairment is described, viz. the differential between obtained scores on Sets A,B,C,D and E of PM and normally expected scores based on performance on Set A. The indicator is observed to be a significantly lower than- expected-score on Set B. Where impairment is moderate a reversion to expected performance levels occurs in later sets. In 21 of 33 patients with known cerebral histopathologic changes, this score reversal was found. In six of more severely impaired individuals, significant loss on Set B occurred but reversion to expected performance did not occur on Sets C,D and E. False negatives were obtained				

MATRICES		YEAR		
SPM		1956		
AUTHOR				
Laroche,J.L.				
TITLE				
L'analyse des erreurs sur le Matrix 38.				
JOURN_BOOK				
Bulletin du Centre d'Etudes et Recherches Psychotechniques				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	-	161-174	ANTHROP CRIT ITEM KIDS SPM AFRICA	A.
ABSTRACT				
SPM 38 was applied to 1900 boys of the Congo in such a way as to work out a differential analysis of the errors in relation to the total score awarded to the subjects. 50% of the correct answers to the items of the series A and B are evidence of a process of reproduction rather than that of eduction. The result is that SPM seems to be less a measure of the ability of the subjects to reason by analogy than a measure of their capacity to readjust their perception of the demands of the test. The mental rigidity or agility of the subjects determines both the type of error and the total success of SPM.				

MATRICES		YEAR		
SPM		1956		
AUTHOR				
Ruiz,I. Adrados				
TITLE				
Estudo comparativo do teste das matrizes progressivas de Raven num grupo de dez profissoes.				
JOURN_BOOK				
Arquivos Brasileiros de Psicotechnia				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	4	1-16	ANTHROP SPM SCAM VOC NORM	A.V.N
ABSTRACT				
Describes and represents graphically the distributions of scores of individuals undergoing selection for ten occupational groups in Brazil. Data are presented in rank order of performance, and this is noted to be unrelated to social status or salary levels. [Text in Spanish: Summaries in French and English]				

MATRICES		YEAR		
SPM		1956		
AUTHOR				
Scott,E.M. & Thomson,A.M.				
TITLE				
A psychological investigation of primigravidae - part I.				
JOURN_BOOK				
Journal of Obstetrics and Gynaecology of the British Empire				
VOLUME	SECTION	PAGES	CODES	INT_CODE
63	3	331-337	GENET WBIT SCLS PERS TIME SPM UK	-
ABSTRACT				
Reports on SPM (20 min. timed) results with a series of primigra- vidae. Results are related to data from Wechsler-Bellevue scale and Maudsley Medical Questionnaire.				

MATRICES		YEAR		
SPM		1956		
AUTHOR				
Scott,E.M., Illsley, R. & Thomson, A.M.				
TITLE				
A psychological investigation of primigravidae - Part II: Maternal Social Class, age, physique and intelligence.				
JOURN_BOOK				
Journal of Obstetrics and Gynaecology of the British Empire.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
63	4	338-343	GENET SCLS WBIT CORR SPM UK	-
ABSTRACT				
Higher scores on the Wechsler-Bellevue Test and SPM were found to be associated in primigravidae with superior social status, height and general physique and health.				

MATRICES		YEAR		
SPM		1956		
AUTHOR				
Scott,E.M., Illsley,R. & Biles,M.E.				
TITLE				
A psychological investigation of primigravidae. Part III.				
JOURN_BOOK				
Journal of Obstetrics and Gynaecology of the British Empire				
VOLUME	SECTION	PAGES	CODES	INT_CODE
63	4	494-501	GENET SCLS SPM UK	-
ABSTRACT				
In a random sample of 278 primigravidae it was found that pre- nuptial conception was more common at the lower end of the social scale. This finding is due to lack of family planning and not due to inferior intelligence, as assessed by SPM.				

MATRICES		YEAR		
SPM		1956		
AUTHOR				
Stinissen,J.				
TITLE				
De waarde van de Progressive Matrices '38; Een nieuwe vorm voor de lagere school.[Value of Progressive Matrices 1938; a new form for the elementary school].				
JOURN_BOOK				
Tijdschrift voor Studie en Beroepsorienturung				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	-	106-124	EDUC ANTHROP RELI VALD ITEM NORM TIME KIDS SPM E URO	E.A.
ABSTRACT				
This article gives a survey of studies made on the quantitative aspects of SPM, especially on account of its reliability, validity and item analysis. These aspects together with time limits, distributions and norms have been studied on a group of 509 Dutch speaking children of Belgium taken from 27 classes in 14 elementary schools. While the split half reliability of the test is satisfactory, retest scores appear to be unstable especially in the middle ranges; frequency distributions are bimodal particularly at the age of 10. It may be that the test could be improved by giving more, especially more difficult examples. However it is possible that the eductive reasoning required in the more difficult items does				

MATRICES YEAR				
SPM		1956		
AUTHOR				
Struhs,I.				
TITLE				
The relation between the Raven Progressive Matrices Test and the Stanford-Binet in a group of gifted children.				
JOURN_BOOK				
Master's thesis, Fordham University (New York, N.Y.)				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC IQTS SBIT KIDS GIFT CORR SPM NOAM	E.
ABSTRACT				

MATRICES		YEAR		
SPM		1956		
AUTHOR				
Verhaegen,P.				
TITLE				
Utilite actuelle des tests pour l'etude psychologique des autochthones Congolais.				
JOURN_BOOK				
Revue de Psychologie Appliquee				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	2	-	ANTHROP CORR RELI SPM AFRICA	A.
ABSTRACT				
Reports the use of SPM with primary school children in Elizabeth- ville. Test-retest reliability was high (.88) initially (after a few weeks) but dropped after one year to .55.				

MATRICES		YEAR		
SPM		1955		
AUTHOR				
Ahtik,V.				
TITLE				
A statistical analysis of Raven's Progressive Matrices Test, Form 1938.				
JOURN_BOOK				
Unpublished Manuscript				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC ANTHROP ITEM CORR KIDS SPM EURO	E.A.
ABSTRACT				
An analysis of SPM results of 427 males,(aged 14.6 to 19.6) who were candidates for the first grade of a secondary naval school in Yugoslavia (Ljubljana). The mean was 34.0 (S.D. 12.3) with both a marked negative skew and a marked tendency to bimodality. The results include an item analysis showing a lack of discrimination by E12, C12, E8. Split-half reliability is 0.959. Details are given of intercorrelations between the subtests and between the subtests and the whole.				

MATRICES		YEAR		
SPM		1955		
AUTHOR				
Bolin,B.J.				
TITLE				
A comparison of Raven's Progressive Matrices (1938) with the ACE Psychological Examination and the Otis Gamma Mental Ability Test.				
JOURN_BOOK				
Journal of Consulting Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
19	-	400	CRIT IQTS CORR STUD SPM NOAM	-
ABSTRACT				
To find (a) what function the SPM samples (by comparing it with a test of homogeneous items) and (b) degree of equivalence between SPM and standard scales of general intelligence, two tests were used: American Council on Education Psychological Examination for College Freshmen (ACE) and Otis Gamma Mental Ability Test. 76 junior college students were given the three tests. Mean age was 18.7 years and there were 72 females and four males. Figures for central tendency and correlation are given. Low SPM - ACE-I (linguistic) correlation supports opinion that SPM test best measures nonlinguistic areas of intelligence. SPM alone appears unsuitable for assessing "original				

MATRICES		YEAR		
SPM		1955		
AUTHOR				
Bolton,F.B.				
TITLE				
Experiments with the Raven's Progressive Matrices 1938				
JOURN_BOOK				
Journal of Educational Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
48	-	629-633	EDUC CRIT IQTS CORR KIDS TIME VALD SPM NOAM	E.
ABSTRACT				
Data resulting from rather extensive experimentation using SPM with school children suggests that the test has a significant correlation ranging from .40 to .58 with accepted measures of intelligence, that it can be administered with a time limit (35 minute suggested) without reducing reliability; and that it is possible to derive useable I.Q.s from raw scores on the test. It did not, however, prove to be a useful predictor of scholastic achievement at the 4th grade level.				

MATRICES		YEAR		
SPM		1955		
AUTHOR				
Crawford,A.				
TITLE				
An analysis of children's wrong answers on Raven's Progressive Matrices Test 1938				
JOURN_BOOK				
Proceedings : Annual Conference, B.P.S., Durham				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CRIT ITEM KIDS SPM UK	-
ABSTRACT				
An analysis of children's wrong answers, demonstrating that children who have only low scores on the whole test are those who tend to persist in choosing part of the matrix for their answer - a principle appropriate in the early part of the test, but not in the later. Conversely, children who, despite the presence of parts of the matrix in the multiple choices, found the evidence of the matrix itself outweighed this rigid procedure.				

MATRICES		YEAR		
SPM		1955		
AUTHOR				
Desai,M.M.				
TITLE				
The relationship of the Wechsler-Bellevue Verbal Scale and the Progressive Matrices Test.				
JOURN_BOOK				
Journal of Consulting Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
19	60	-	CLIN WBIT CORR PSAT SPM UK	C.
ABSTRACT				
Subjects were 190 consecutive male admissions to the hospital and were given SPM and three or more tests of Wechsler-Bellevue Verbal Scale (120 had all 6 tests; Mean age 31.7 years.) Socioeconomic class was lower-middle or working class. There were 121 neurotics, 30 psychopaths, 13 organics, 9 early schizophrenics and 19 miscellaneous. Product moment correlation was .573 (when corrected for attenuation was .648). Overall r not as high as might be expected. Perhaps due to relatively lower reliability of SPM in psychiatric cases.				

MATRICES		YEAR		
SPM		1955		
AUTHOR				
Ironsides,W.				
TITLE				
The clinical use of psychological tests.				
JOURN_BOOK				
New Zealand Medical Journal				
VOLUME	SECTION	PAGES	CODES	INT_CODE
54	300	173-177	CLIN PSAT SPM AUST	C.
ABSTRACT				
In a discussion of the use of psychological tests, the author describes SPM as a test of intelligence, largely elimin- ating the influence of education and its application to psychiatric cases.				

MATRICES		YEAR		
SPM		1955		
AUTHOR				
Keehn,J.D. and Prothro, E.T.				
TITLE				
Nonverbal tests as predictors of academic success in Lebanon.				
JOURN_BOOK				
Educational and Psychological Measurement				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15	-	495-498	ANTHROP EDUC. FACT CORR VALD IQTS SPM ASIA	A.E.
ABSTRACT				
It was hypothesised that nonverbal tests would not be effective prognosticators of school grades in Lebanon. The Cattell Culture Free Test, the French Dominoes Test D48, SPM and a number series test were administered to Arab students in "America" and "French" sections of the International College at Beirut. Although the tests were heavily loaded on a single factor, they were only slightly correlated with either academic marks or teachers' judgements of intelligence.				

MATRICES		YEAR		
SPM		1955		
AUTHOR				
Labuschagne,A.S.				
TITLE				
Perceptual tests for distinguishing differences in ability among natives of Central Nyasaland.				
JOURN_BOOK				
Master's Thesis, Pretoria, University of South Africa.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP RACE SLCT SPM AFRICA	A.
ABSTRACT				

MATRICES		YEAR		
SPM		1955		
AUTHOR				
Levine,B. & Iscoe,I.				
TITLE				
The Progressive Matrices 1938, the Chicago Nonverbal and the Wechsler-Bellevue on an adolescent deaf population.				
JOURN_BOOK				
Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
11	-	307-308	CLIN EDUC PHYS WBIT IQTS CORR KIDS SPM NOAM	C.E.
ABSTRACT				
To evaluate use of SPM with deaf adolescents, the scores of deaf school resident students on this test were compared with their Chicago Nonverbal (N=36) and W-B Performance Scale (N=41)scores. The r with the Chicago was .41, with the W-B .55 which was significantly above zero at 1% level.				

MATRICES		YEAR		
SPM		1955		
AUTHOR				
MacArthur,R.S.				
TITLE				
An experimental investigation of persistence in secondary school boys.				
JOURN_BOOK				
Canadian Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	1	42-54	EDUC FACT KIDS SPM NOAM	E.
ABSTRACT				
21 measures of persistence were applied to 120 English secondary schoolboys and the results were factor-analysed. A strong general persistence factor emerged and was found to contribute, along with intelligence to school achievement. (SPM was one of the measures of persistence). For measuring the general persistence factor in normal adolescent boys, an 8-test battery (excluding SPM) has been evolved.				

MATRICES		YEAR		
SPM		1955		
AUTHOR				
Parente,M.				
TITLE				
The 20 Minute Progressive Matrices Test Scores Analysis of 165 Boys of 114-16 years old.				
JOURN_BOOK				
Unpublished report, Vocational Guidance Office, Naples.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP KIDS SPM EURO	-
ABSTRACT				
Details are given of the SPM results of 165 orphanage boys (14-16 years) used in a test battery by the Naples Vocational Guidance Office. Apart from the general applicability of the test, it is tentatively suggested that the mean score of the sample is lower than that of children from normal homes.				

MATRICES		YEAR		
SPM		1955		
AUTHOR				
Satter,G.				
TITLE				
Retarded adults who have developed beyond expectation: Part III,Further analysis and summary.				
JOURN_BOOK				
Training School Bulletin				
VOLUME	SECTION	PAGES	CODES	INT_CODE
51	-	237-243	CLIN EDUC DFCT FACT IQTS SPM	E.C
ABSTRACT				
Factor analysis of a group of 27 variables discriminating between intellectually handicapped individuals who achieved and those who did not resulted in 3 factors, a general one, a perceptual one and a 'substitution' one. All variables seem to be segments of intelligence,while no differences in motivation,attitude or work habits were apparently involved.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1955		
<i>AUTHOR</i>				
Scott,E.M. & Nisbet, J.D.				
<i>TITLE</i>				
Intelligence and family size in adult sample.				
<i>JOURN_BOOK</i>				
Eugenics Review				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
46	4	233-235	MISC CORR WBIT AGES SPM UK	-
<i>ABSTRACT</i>				
Among 11 year old children the correlation between nonverbal SPM score and family size was shown to be smaller than the correlation between a verbal test of intelligence and family size. This difference was attributed to the effect of family environment. This article looks at data in a study by Baird and Scott on 288 women given SPM and WAIS (4 parts - verbal). Correlations are given for family size and scores in 2 intelligence tests (verbal and non-verbal). The results from the adult sample suggest that the effect of family environment may persist but it is probably less marked at a later age. For the adults, negative correlation between family size and intelligence test score was smaller				

MATRICES YEAR				
SPM		1955		
AUTHOR				
Vanhove,A. & Verdonck,P.				
TITLE				
J.C.Raven's Progressive Matrices '38 als KwalitatieveIntelligentie Test.				
JOURN_BOOK				
Tijdschrift voor Studie and Bereopsorienturung				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	-	61-79	ANTHROP CRIT ITEM SPM EURO	A.
ABSTRACT				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1955		
<i>AUTHOR</i>				
Vitomir,A.				
<i>TITLE</i>				
A statistical analysis of Raven's Progressive Matrices Test,Form 1938.				
<i>JOURN_BOOK</i>				
Unpublished manuscript				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
-	-	-	EDUC ANTHROP ITEM CORR KIDS SPM EURO	A.E.
<i>ABSTRACT</i>				
An analysis of SPM results of 427 males (ages 14.6 to 19.6) who were candidates for the 1st grade of a secondary naval school in Yugoslavia (Lubliana). Mean score was 34 with a negative skew and a marked tendency to bimodality. Results include an item anal- ysis. Test reliability was 0.959. Details are given of inter- correlations between the subtests and between the subtests and the whole.				

MATRICES		YEAR		
SPM		1955		
AUTHOR				
Walton,D.				
TITLE				
The validity and interchangeability of Terman-Merrill and Matrices Test data.				
JOURN_BOOK				
British Journal of Educational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
25	-	190-194	CLIN CRIM KIDS CORR IQTS SPM UK	C.
ABSTRACT				
Present experiment was designed to discover reasons for large discrepancies noted in routine testing of approved school boys between results of Terman-Merrill and SPM tests. Results from 360 intermediate approved school boys, tested individually with Terman-Merrill Form M, and in groups with SPM were compared with those from a clinic group of 301 children who had been tested individually with SPM and Terman-Merrill. When the two tests are administered individually, result show closer agreement than when SPM is administered in group form. Reasons are suggested, e.g. children with personality problems react better to individual testing and so results are more valid. Discussion of				

MATRICES YEAR				
SPM		1955		
AUTHOR				
Wright,R.				
TITLE				
The abstract reasoning of deaf college students.				
JOURN_BOOK				
Unpublished Doctoral Dissertation. Northwestern University, Evanston, Illinois.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC CLIN STUD PHYS SPM NOAM	E.C.
ABSTRACT				
For published reference to this material see: Goetzinger, Wills and Dekker 1967,P. 501.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1954		
<i>AUTHOR</i>				
Clements,A.E. & Svan, E.				
<i>TITLE</i>				
Silent reading.				
<i>JOURN_BOOK</i>				
Journal of Education (Hong Kong)				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
12	-	12-26	EDUC ANTHROP SLCT STUD SPM ASIA	E.A.
<i>ABSTRACT</i>				
270 matriculation and second year university students were given the SPM and reading tests. The range of scores was wide but approximated a normal distribution. Standardisation for Hong Kong is recommended.				

MATRICES		YEAR		
SPM		1954		
AUTHOR				
Ferracuti,F. & Gropelli,A.				
TITLE				
Contributo preliminare alla raratura italiana del test "Progres- sive Matrices 1938" di Raven su soggetti di 11, 12, 13 anni di eta.				
JOURN_BOOK				
Infanzia Anormale				
VOLUME	SECTION	PAGES	CODES	INT_CODE
Sep	-	740-750	ANTHROP KIDS NORM SPM EURO	A.
ABSTRACT				

MATRICES		YEAR		
SPM		1954		
AUTHOR				
Gabriel,K.R.				
TITLE				
The Simplex Structure of the Progressive Matrices Test.				
JOURN_BOOK				
British Journal of Statistical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
7	-	9-14	STAT ARMS VALD ITEM CORR FACT THEO SPM UK	-
ABSTRACT				
SPM test was administered to 830 male and female recruits to the Israeli army. Guiding principle was to present first a set of items involving no relation finding at all (in order to familiarise the subject with general notion of fitting insets) and then to start with a simple nonverbal form of analogies test - the 2 x 2 type of "matrix" that had already been found to yield an effective test of intelligence and so proceed to larger matrices, progressively increasing the number of relations introduced at each stage. The special value of simplex analysis therefore lies in testing a clear hypothesis of test structure.				

MATRICES		YEAR		
SPM		1954		
AUTHOR				
Levine,B. & Iscoe,I.				
TITLE				
A comparison of Raven's Progressive Matrices (1938) with a short form of the Wechsler-Bellevue.				
JOURN_BOOK				
Journal of Consulting Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	-	10	CRIT STUD WBIT CORR SPM NOAM	-
ABSTRACT				
SPM and the Wechsler-Bellevue (Comprehension, Vocabulary & Block Design Subtests) were given to 60 undergraduates. SPM appears to tap areas of intelligence most closely related to Block Design and not significantly related to Comprehension.				

MATRICES		YEAR		
SPM		1954		
AUTHOR				
Looze,J.				
TITLE				
Essai de selection pre-universitaire.				
JOURN_BOOK				
Travail humain				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17	-	224-234	EDUC STUD CORR VALD SPM EURO	E.
ABSTRACT				
Data obtained from 608 1st yr. Natural Science students is rep- orted. SPM was administered under timed and untimed conditions and scores compared with examination results. Correlation with exam performance was higher for untimed conditions (.56 and .57): results on set E alone correlated .58 and .59. Timed and untimed data correlated .76.				

MATRICES		YEAR		
SPM		1954		
AUTHOR				
Rath,R.				
TITLE				
Correlation of Progressive Matrices with verbal intelligence tests and written tests on some other subjects.				
JOURN_BOOK				
Education and Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	4-5	20-25	ANTHROP STUD IQTS CORR RELI SPM ASIA	A.
ABSTRACT				
Progressive Matrices and a battery of verbal group tests were given to 107 college graduates (taking a competitive examination) These two tests correlated .48. Correlations of the two tests with examinations in English, Arithmetic and General Knowledge are given, the verbal tests correlated higher than SPM in each case.				

MATRICES		YEAR		
SPM		1954		
AUTHOR				
Satter,G. & McGee,E.				
TITLE				
Retarded adults who have developed beyond expectation. Part I. Intellectual functions.				
JOURN_BOOK				
Training School Bulletin				
VOLUME	SECTION	PAGES	CODES	INT_CODE
51	-	43-55	EDUC CLIN DFCT IQTS SBIT WBIT SPM	E.C
ABSTRACT				
From the training school population,24 individuals who were shown to be superior in vocational success and in mental growth after age 15 were matched with controls. Analysis of 1916 Stanford-Binet results revealed items which discriminated the 2 groups and, on current testing, the late developers scored higher on Binet, Wechsler, Porteous and SPM, with greater individuation of skill and greater gains on communication and self direction on the Vineland Social Maturity Scale being typical.				

MATRICES		YEAR		
SPM		1954		
AUTHOR				
Seeger,E.				
TITLE				
Das problem des Funktionalen der Intelligenz.				
JOURN_BOOK				
Psychologische Rundschau				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	2	127-135	ANTHROP THEO TECH NORM SPM EURO	A.
ABSTRACT				
Describes the use of SPM for German readers and gives details of grades, norms and normal score compositions based on the 1938 manual.				
[Text in German]				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1954		
<i>AUTHOR</i>				
Sorokin,B.				
<i>TITLE</i>				
Standardization and analysis of Progressive Matrices Test by Penrose and Raven.				
<i>JOURN_BOOK</i>				
Unpublished Report, Zagreb, Yugoslavia.				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
-	-	-	ANTHROP KIDS RELI ITEM AGES SPM EURO	A.
<i>ABSTRACT</i>				
An analysis of SPM results of a random sample of 299 Zagreb school children aged 13.6 to 16.6 for use as a standardisation of a test for a vocational guidance centre. The results are negatively skewed for this group, the mean 37.2. (S.D. 11.3). Test reliability (Split half method) is 0.96 and retest reliability (after six months) 0.82. The results include an item analysis showing a lack of discrimination by C12, E.7, E.8 and E.12. The best item is D.4.				

MATRICES		YEAR		
SPM		1954		
AUTHOR				
Varadachar,D.				
TITLE				
A study of the distribution of intelligence employing the progressive Matrices				
JOURN_BOOK				
Master's Thesis, University of Mysore (India)				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP ASIA SPM	-
ABSTRACT				

MATRICES YEAR				
SPM		1954		
AUTHOR				
Zamparo,D.				
TITLE				
Il test "Progressive Matrices".				
JOURN_BOOK				
Rassegna Neuropsichiatrica				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	-	313-328	CLIN SPM EURO	C.
ABSTRACT				
An extensive account of the nature of SPM and research on its use, followed by an account of a study with 200 normal adults. [Text in Italian]				

MATRICES		YEAR		
SPM		1953		
AUTHOR				
Baird,D. & Scott,E.M.				
TITLE				
Intelligence and childbearing.				
JOURN_BOOK				
Eugenics Review				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	-	139-154	GENET SCLS TIME WBIT SPM UK	-
ABSTRACT				
Explores the relationship between intelligence level (SPM) and social class by investigation of data from 401 patients. Using the 20 min. timed version, a positive relationship between the two was found. SPM level was also related to the child-control and birthing practices of the group.				

MATRICES		YEAR		
SPM		1953		
AUTHOR				
Barratt,P.E.H.				
TITLE				
Imagery and thinking.				
JOURN_BOOK				
Australian Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
5	-	154-164	OTHER FACT THEO SPM AUST	-
ABSTRACT				
During an investigation of 23 tests having spatial loadings, it was decided to attempt to relate quality of performance on the tests and ratings of the extent, use and facility of visual imagery. Results indicate that those who rated the spatial-manipulation tests high obtained higher test scores on the average on these tests. Differences were significant. Those who rated the spatial-reasoning tests high showed no advantage over low raters. The results for the third factor -spatial recognition- are indeterminate. SPM loaded on factors II and III.				

MATRICES		YEAR		
SPM		1953		
AUTHOR				
Bromley,D.B.				
TITLE				
Primitive forms of response to the Matrices test.				
JOURN_BOOK				
Journal of Mental Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
99	-	374-393	CLIN PSAT ITEM THEO SPM UK	C.
ABSTRACT				
In view of the 'levels' theory of cognition, the Matrices perform ances of 35 psychiatric cases are examined. It is concluded that although the test is effective in measuring abstract intelligence it only gives a crude picture of the more primitive levels of intelligence.				

MATRICES		YEAR		
SPM		1953		
AUTHOR				
Delys,L.				
TITLE				
Normes du test Matrix 1938 a l'Armee belge de 1946 a 1951.				
JOURN_BOOK				
Revue belge de Psychologie et Pedagogie.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15	-	13-16	VOC NORM ARMS SPM EURO	N.
ABSTRACT				

MATRICES		YEAR		
SPM		1953		
AUTHOR				
Gauchet,F. & Goguelin,A.M. et P.				
TITLE				
Reflexions sur le test F. de Cattell				
JOURN_BOOK				
Le Travail Humain				
VOLUME	SECTION	PAGES	CODES	INT_CODE
16	-	3-4	ANTHROP CORR FACT SPM EURO	A.
ABSTRACT				
The authors studying Cattell's test F confirmed the existence of factor F but show that this factor is found in many other tests easier to correct than Cattell's test. Cattell's test F is sufficiently saturated in a factor of information background not to be able to be interpreted directly without being integrated in a larger field.Factor F itself appears to consist of at least 2 subfactors. Dynamism is not independent of motricity and a more elaborate dynamism under control of mental functions.				

MATRICES		YEAR		
SPM		1953		
AUTHOR				
Hopkins,B. & Roth,M.				
TITLE				
Psychological test performance in patients over sixty: I, Paraph- renia, arteriosclerotic psychosis and acute confusion.				
JOURN_BOOK				
Journal of Mental Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
99	-	451-463	CLIN AFCT PSSS BRDM SPM UK	C.
ABSTRACT				
Three tests (including a short form of SPM) were given to consecutively admitted patients, aged 60 and above, who fell into diagnostic categories of paraphrenia, arteriosclerotic psychosis and acute confusional state. Test performance in each group was compared with that in affective psychosis and senile psychosis (previously described). Test scores placed paraphrenia and cases of acute confusion with affective group. Senile psychotics showed a distribution of scores almost wholly distinct from that shown by affective psychosis, paraphrenia and acute confusion. Distribution in case of arteriosclerotic psychosis showed some overlap with affective and senile groups. Fact that scores fall into				

MATRICES		YEAR		
SPM		1953		
AUTHOR				
Johnson,E.Z.				
TITLE				
Klopfer's Prognostic Scale used with Raven's Progressive Matrices in play therapy prognosis.				
JOURN_BOOK				
Journal of Projective Techniques				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17	-	320-326	CLIN KIDS PERS SPM NOAM	C.
ABSTRACT				
Sensitivity of SPM as clinical predictor of play therapy progress (conceived as a function of super ego potential) was investigated using Rorschach Prognostic Scale of ego strength. Initial and terminal prognostic scores computed for group of children previously reported as 'improved', or 'unimproved' in psychological treatment. For both groups, terminal change was in expected direction and consistent with direction of Binet - Raven Z-difference. Clinical investigation of discrepancies suggests while SPM may be more accurate predictor of play therapy responses, Rorschach Prognostic Scale more reliably estimates level of improved behaviour in short term clinical treatment.				

MATRICES		YEAR		
SPM		1953		
AUTHOR				
Johnson,E.Z.				
TITLE				
Individual patterns of emotional functioning in children of comparable IQ's: Implications for education.				
JOURN_BOOK				
American Journal of Mental Deficiency				
VOLUME	SECTION	PAGES	CODES	INT_CODE
57	-	681-686	EDUC CLIN PERS KIDS DFCT IQTS SPM NOAM	E.C.
ABSTRACT				
Brief case histories which suggest that the potential indicated by an SPM Z-score has some relevance to the programme of emotion- al re-education undertaken in individual play therapy and psychological treatment are presented. The Raven-Binet pattern may provide a prognostic sign which, in conjunction with other considerations, will be useful in selecting children for psycho- logical treatment.				

MATRICES		YEAR		
SPM		1953		
AUTHOR				
Johnson,E.Z.				
TITLE				
The clinical use of Raven's Progressive Matrices to appraise potential for progress in play therapy: A study of institutional- ized mentally and educationally retarded children.				
JOURN_BOOK				
American Journal of Orthopsychiatry				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23	-	391-405	CLIN EDUC KIDS DFCT PERS SPM NOAM	C.E.
ABSTRACT				
In a study of subnormal children, the author has found that the pattern of "Raven high-relative-to-the-Binet" is indicative of superego capacity and hence potentiality for improvement through the emotional re-education of play-therapy. In the discussion, Anna S. Elonen raises several questions as to the design of the study and techniques which are answered by Thorleif G. Hegge.				

MATRICES YEAR				
SPM		1953		
AUTHOR				
Levine,B.D.				
TITLE				
The Progressive Matrices 1938 and its relationship with certain subtests of the Wechsler Bellevue Intelligence Scale.				
JOURN_BOOK				
Master's Thesis, University of Texas, (Austin,Texas)				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CRIT WBIT CORR SPM NOAM	-
ABSTRACT				

MATRICES		YEAR		
SPM		1953		
AUTHOR				
Nisbet,J.D.				
TITLE				
Family environment: A direct effect of family size on intelligence				
JOURN_BOOK				
Occasional Papers on Eugenics Cassel and Co.Ltd.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	-	-	STAT RELI VALD KIDS CORR SPM UK	-
ABSTRACT				
The effect of family size on intelligence was investigated in 3 parts; 1.By partial correlation of family size and verbal ability with intelligence held constant. 2 By correlation of family size and several tests with different verbal loadings. 3.By correlation of family size and intelligence test score at different ages. In a random sample of 200 children aged 11,the correlation between family size and score on SPM was -.02, while the correlation between family size and score in a verbal Moray house test was -.30, the difference being significant (.05). These results support the hypothesis that the environment of the large family constitutes a handicap to verbal development and that this verbal retardation				

MATRICES		YEAR		
SPM		1953		
AUTHOR				
Nisbet,J.D.				
TITLE				
Family environment and intelligence.				
JOURN_BOOK				
Eugenics Review				
VOLUME	SECTION	PAGES	CODES	INT_CODE
45	1	31-40	MISC CORR STAT AGES SPM UK	-
ABSTRACT				
The hypothesis that the environment of the large family tends to depress the environmental component of a child's intelligence test score was tested by 3 methods: (1) partial correlation of family size and verbal ability with intelligence held constant, (2) correlation of family size and several tests with different verbal loadings. (3) correlation of family size and intelligence at different ages. Two non-verbal tests (SPM and Jenkin's scale of non-verbal intel- ligence I) were compared with 2 verbal tests (Moray House tests 41 and 42). The difference between the correlation between family size and intelligence test score on SPM and on Moray house tests was significant. For the most part, the results were				

MATRICES		YEAR		
SPM		1953		
AUTHOR				
Roth,M. & Hopkins,B.				
TITLE				
Psychological test performance in patients over sixty: I- Senile psychosis and the affective disorders of old age.				
JOURN_BOOK				
Journal of Mental Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
99	-	439-450	CLIN AGES PSSS AFCT SPM UK	C.
ABSTRACT				
Tests were administered to 46 patients with affective disorder and 20 senile psychotics, drawn from a series of patients over age of sixty, admitted to this hospital. Results on one or more tests were obtained from 59 subjects. Ability of senile psychot- ics to define words and repeat digits was relatively well preser- ved in some cases, but on SPM and a test for orientation and knowledge of public affairs, the group fell into two almost exclusive distributions. Test performance of general hospital patients indicated that age alone was not responsible for differences between the two diagnostic groups. These results support the conclusion based on clinical and follow-up studies that senile psychosis and				

MATRICES YEAR				
SPM		1953		
AUTHOR				
Sydow,D.W.				
TITLE				
A psychometric differentiation between functional psychotics and non-psychotics with organic brain damage.				
JOURN_BOOK				
Doctoral Dissertation, University of Minnesota.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CLIN BRDM PSSS SPM NOAM	C.
ABSTRACT				

MATRICES		YEAR		
SPM		1952		
AUTHOR				
Adams,E.A.				
TITLE				
Analysis of Raven's Matrices scores.				
JOURN_BOOK				
Preliminary unpublished report, Surrey Educational Research Association				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC NORM MFSX SPM UK	E.
ABSTRACT				
Percentiles based on 11,621 scores were obtained in Surrey with results sufficiently close to the original norms to make new norms unnecessary. A subset of 2200 boys and 2699 girls was compared, and no significant sex differences were found.				

MATRICES		YEAR		
SPM		1952		
AUTHOR				
Adkins,D.C. & Lyerly,S.B.				
TITLE				
Factor analysis of reasoning tests				
JOURN_BOOK				
Chapel Hill, North Carolina				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	VOC FACT VALD CORR SLCT TIME SPM NOAM	V.
ABSTRACT				
Among a whole series of tests included in a selection battery,the SPM was one. For factor analytic purposes, each scale of the SPM was treated separately, except A because of its uniformly high scores. Testing was intended to be with a 40 min. time-limit but in fact time was called at 26 minutes. Set E loaded .32 on a factor of perceptual speed, while all the sets loaded on a factor of 'hypothesis verification' (from .32 to .57).				

MATRICES		YEAR		
SPM		1952		
AUTHOR				
Desai,M.				
TITLE				
The test-retest reliability of Progressive Matrices Test.				
JOURN_BOOK				
British Journal of Medical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
25	1	48-53	STAT CLIN RELI PSAT SPM UK	-
ABSTRACT				
300 male psychiatric cases at the Belmont Hospital were tested twice with SPM at an interval of four weeks and the test-retest reliability was calculated. The product moment coefficient of correlation between two sets of scores was found to be 0.737 . A significant rise in the mean score was observed on retest. The implications of the changes observed are discussed.				

MATRICES		YEAR		
SPM		1952		
AUTHOR				
Gittins,J.				
TITLE				
Approved School Boys.				
JOURN_BOOK				
H.M.S.O. London.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	EDUC CRIM KIDS IQTS CORR RELI VALD FACT SPM UK	-
ABSTRACT				
A study of the characteristics of delinquents admitted to the classifying section of an approved school. SPM was among the battery administered and studies of reliability, validity and factorial composition are reported. SPM and Koh's Blocks proved to be acceptably reliable and valid for junior and senior groups and together with the Terman-Merrill, form a small battery suit- able for the measurement of general intelligence with approved school boys.				

MATRICES		YEAR		
SPM		1952		
AUTHOR				
Johnson,E.Z.				
TITLE				
The use of the Rorschach Prognostic scale with Ravens Progressive Matrices to predict play therapy progress among retarded children				
JOURN_BOOK				
Journal of Projective Techniques				
VOLUME	SECTION	PAGES	CODES	INT_CODE
16	-	385	EDUC CLIN PERS KIDS DFCT SPM NOAM	E.C.
ABSTRACT				
Rorschach records of 18 children carried in play therapy and psy- chological counselling were scored according to prognostic scale. Subjects had previously been reported as "improved" (N=13) and "unimproved" (N=5) in play therapy behaviour. Clinical evaluation of group was conducted on their SPM scores relative to populations norms. All 13 "improved" children showed a Raven Z-score equal to or higher than Binet Z-score while all 5 "unimproved" had Raven Z-score lower than Binet. Suggests the Raven SPM may provide estimate of age capacity and super age potential.				

MATRICES		YEAR		
SPM		1952		
AUTHOR				
Johnson,E.Z.				
TITLE				
Sex differences and variability in the performance of retarded children on Raven, Binet and Arthur tests.				
JOURN_BOOK				
Journal of Clinical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	-	298-301	CLIN EDUC KIDS IQTS DFCT SPM NOAM	C.E.
ABSTRACT				
The quotients obtained on the Binet, Arthur and SPM for a group of 30 boys and 30 girls in a school for mental defectives were studied. On all 3 tests, the boys scored higher than the girls but the girls were more variable. There was more individual variability on the three instruments for the boys than for the girls. SPM correlated reliably but not highly with the Arthur and the Binet, r's tending to be lower for the less variable group, the boys. SPM is viewed as a test of super ego capacity. Differences in score and in individual variability for the sexes is related to "delayed resolution of the Oedipus complex among boys"				

MATRICES		YEAR		
SPM		1952		
AUTHOR				
Lingwood,J.				
TITLE				
Test performances of A.T.S. recruits from certain civilian occupations.				
JOURN_BOOK				
Occupational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	-	35-46	VOC ARMS SLCT SPM UK	V.
ABSTRACT				
Performances on five tests of the educational standard gradings of 4,300 women in the Auxiliary Territorial Service, drawn from 17 different occupations are presented. It is concluded that the women in the different occupations differed from one another more in the general level of their test performance than they did in their performance on individual tests.				

MATRICES YEAR				
SPM		1952		
AUTHOR				
Lombard,J.M.				
TITLE				
Comparaison des resultats de 3 groupes d'enfants de 14 ans au PM 38.				
JOURN_BOOK				
Feuilles Doc. et Liaisons, Montpellier				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	23-26	EDUC KIDS SPM EURO	E.
ABSTRACT				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1952		
<i>AUTHOR</i>				
Nisbet,J.D.				
<i>TITLE</i>				
Level of national intelligence.				
<i>JOURN_BOOK</i>				
Nature				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
170	-	852	MISC CORR KIDS SPM UK	-
<i>ABSTRACT</i>				
The results of the Scottish mental survey showed a small rise in mean intelligence test score in the 11 yr old population over a period of 15 years. Also the results established the existence of a negative correlation between intelligence test score and family size. In a random sample of 200 children aged 11, the correlation between size of family and score in non-verbal SPM was -.20, while correlation between size of family and score in the verbal Moray house test was -.30, the difference being significant at the .05 level. These results support the hypothesis that the environment of the large family constitutes a handicap to verbal development and that this verbal retardation affects general mental				

MATRICES		YEAR		
SPM		1952		
AUTHOR				
O'Connor,N.				
TITLE				
The prediction of psychological stability and anxiety- aggressiveness from a battery of tests administered to a group of high grade male mental defectives.				
JOURN_BOOK				
Journal of General Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
46	-	3-17	CLIN DFCT CORR SPM UK	C.
ABSTRACT				
A number of tests of intelligence, performance and personality were administered to 104 high grade mental defectives. Scores on certain of these tests were intercorrelated. 2 criteria were predicted: (1) that of psychological instability. Suggested that unstable high grade mental defectives tend to be suggestible, clumsy and less intelligent than the stable defective. (2) criterion of anxiety aggressiveness. Two test variables gave best prediction of criterion with battery of tests - these were SPM and S.P.Heath's walking test of loco- motor co- ordination. Suggested that high grade mental defectives who can be rated as anxious, tend to be less intelligent and more clumsy than the more aggressive				

MATRICES		YEAR		
SPM		1952		
AUTHOR				
Vincent,D.F.				
TITLE				
The linear relationship between age and score of adults in intelligence tests.				
JOURN_BOOK				
Occupational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
26	4	243-249	VOC AGES SPM EURO	V.
ABSTRACT				
Presents evidence for the changes in performance on intelligence tests associated with age. Data for 'Mean Annual Decline' (MAD) are derived from a number of studies with SPM, W-B, Otis, Army Alpha and NIIP Group Tests 90A and 90B. Consistent trends are apparent.				

MATRICES		YEAR		
SPM		1951		
AUTHOR				
Banks,J. & Sinha, U.				
TITLE				
An item analysis of the Progressive Matrices Test.				
JOURN_BOOK				
British Journal of Psychology,(Statistical Section)				
VOLUME	SECTION	PAGES	CODES	INT_CODE
4	-	91-94	STAT ITEM CORR RELI VALD KIDS SPM UK	-.
ABSTRACT				
SPM, with other tests of intelligence, has been applied to 31 children, aged 8-13, and the results subjected to a statistical analysis. Average reliability of SPM was found to be 0.88. Average validity, whether judged by internal or external criteria, was 0.54. An item analysis based on biserial correlations showed that the validity of the separate items varied widely, averaging only 0.45. If the poorest was eliminated, it could probably be raised to at least 0.65. Although the test appears unquestionably promising, it can be improved.				

MATRICES YEAR				
SPM		1951		
AUTHOR				
Epps,P.				
TITLE				
A preliminary survey of 300 female delinquents in Borstal Institutions.				
JOURN_BOOK				
British Journal of Delinquency				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	3	187-197	EDUC CLIN CRIM KIDS SPM UK	E.C.
ABSTRACT				
A medico-psychological survey of 300 Borstal girls,289of whom were given SPM,134 of these scored below grade III and 11 scored above grade III. A group of 102 girls who were prostitutes showed a similar distribution of intelligence.				

MATRICES		YEAR		
SPM		1951		
AUTHOR				
Holden,R.H.				
TITLE				
Improved methods in testing cerebral palsied children.				
JOURN_BOOK				
American Journal of Mental Deficiency				
VOLUME	SECTION	PAGES	CODES	INT_CODE
56	-	349-353	CRIT CLIN BRDM KIDS PHYS SPM noam	C.
ABSTRACT				
This paper attempts to illustrate a more flexible use of present standardised intelligence tests in order to determine most adequately the intellectual level of a physically handicapped, brain injured child . It has been pointed out that recent studies have shown mental retardation to be more prevalent in brain inju- red cerebral palsied children than in the general population, even when allowance for the physical handicap has been made. 2 new tests, SPM and the Ammons Full Range Picture Vocabulary Test need further evaluation to determine their usefulness in determining the intellectual level of physically handicapped brain injured children and adults.				

MATRICES YEAR				
SPM		1951		
AUTHOR				
Klonoff,H.				
TITLE				
An exploratory study and analysis of the Wechsler-Bellevue Intelligence Scale and the Raven Progressive Matrices.				
JOURN_BOOK				
Master's Thesis, University of Toronto, (Toronto, Ontario,Canada)				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CRIT WBIT SPM	-
ABSTRACT				

MATRICES		YEAR		
SPM		1951		
AUTHOR				
Lombard,J.M.				
TITLE				
Etalonnage du test P.M. 38 sur deux groupes d'eleves du cours complementaire et des classes nouvelles de lycee.				
JOURN_BOOK				
Feuilles de Doc et de Liaison, Montpellier				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	36-37	EDUC NORM SPM EURO	E.
ABSTRACT				

MATRICES		YEAR		
SPM		1951		
AUTHOR				
Moore,B.G.R. and Peel,E.A.				
TITLE				
Predicting aptitude for dentistry.				
JOURN_BOOK				
Occupational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
25	-	192-199	VOC SLCT CORR IQTS SPM UK	V.
ABSTRACT				
Group of 40 5th grade dental students was tested for general verbal, nonverbal, spatial, manipulative and aesthetic abilities. Score were correlated with success in dental courses. Maximum predictions of the criterion were obtained of order of .60. It is concluded that a test of general and spatial intelligence might be profitably used in selection of dental students.				

MATRICES		YEAR		
SPM		1951		
AUTHOR				
O'Connor,N. and Tizard,J.				
TITLE				
Predicting the occupational adequacy of certified mental defectives.				
JOURN_BOOK				
Occupational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
25	-	205-211	VOC CLIN DFCT SLCT SPM UK	V.C.
ABSTRACT				
From a study of 104 high-grade male defectives it is concluded that employability, as measured by ability to retain a job or meet with employer's approval or both, is partly a function of general locomotor co-ordination and dexterity, and partly a function of emotional stability. Two separate test batteries yielded multiple correlations of .669 and .674 with the criterion of employability. A multiple correlation of .52 was obtained when only the Rail Walking and Body Sway tests were used. The best predictors of employability selected by the square root method were, in the first battery, the Rail Walking test and SPM.				

MATRICES		YEAR		
SPM		1951		
AUTHOR				
Ombredane,A.				
TITLE				
Principes pour une etude psychologique des noirs du Congo belge.				
JOURN_BOOK				
Annee Psychologie				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	521-547	ANTHROP TECH SPM AFRICA	A.
ABSTRACT				

MATRICES		YEAR		
SPM		1951		
AUTHOR				
Taibl,R.M.				
TITLE				
An investigation of Raven's "Progressive Matrices" as a tool for the psychological evaluation of cerebral-palsied children.				
JOURN_BOOK				
Doctoral Disertation, University of Nebraska				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CLIN PHYS BRDM IQTS CORR SPM NOAM	C.
ABSTRACT				
Of 115 unselected cerebral-palsied subjects who attempted the SPM, all but 1 completed it. Their performance was not significantly different from N. American children of similar age. The athetoid subjects were no different from normals, but the spastic group was significantly different from the athetoid group. A correlation of .715 was found with the Stanford-Binet for those subjects who performed on both tests.				

MATRICES		YEAR		
SPM		1951		
AUTHOR				
Warburton,F.W.				
TITLE				
The ability of the Gurkha recruit.				
JOURN_BOOK				
British Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
42	-	123-133	ANTHROP SLCT FMBD SPM ASIA	A.
ABSTRACT				
In describing a battery of tests to measure Gurkha army recruits, consideration was given to using the SPM, but in a simplified form. Ultimately, a form-board presentation was used with those defined as of very superior ability, i.e.,the top 10% as judged by other procedures. Ten such men were tested. None of them achieved the median score on British norms. Their average score corresponded to the British 10th percentile.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1950		
<i>AUTHOR</i>				
Alon Bakaliar,SL.				
<i>TITLE</i>				
Matritest proftesiveyet b'mirkon bashvasti [Progressive Matrices in Comparative Testing]				
<i>JOURN_BOOK</i>				
Hahinukh - 1950-52				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
24	-	156-159	VOC ANTHROP KIDS SPM ISRAEL	V.A.
<i>ABSTRACT</i>				
SPM was used to test 2700 elementary school leavers (8th grade) in Tel Aviv, including 114 Yemenite children. Occidental children obtained a mean score of 33.4, and Yemenites 29. This difference is significant. The average score of oriental children learning in mixed schools was higher (30) than that of children learning in schools for oriental children only (25).				

MATRICES		YEAR		
SPM		1950		
AUTHOR				
Halstead,H.				
TITLE				
Abilities of male mental hospital patients.				
JOURN_BOOK				
Journal of Mental Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
96	-	726-733	CLIN PSAT CORR AGES SPM UK	C.
ABSTRACT				
Two 'easy' group tests, vocabulary and arithmetic and two 'diffi- cult' ones, SPM and mechanical comprehension, were given to 537 patients. Mental disturbance has a more deleterious effect upon test scores than does age. Length of hospitalisation itself does not bring about poorer results by patients but the correlation of test score with length of hospitalisation is negative.				

MATRICES YEAR				
SPM		1950		
AUTHOR				
Heim,A.W. & Wallace,J.G.				
TITLE				
The effects of repeatedly retesting the same group on the same intelligence test.				
JOURN_BOOK				
Quarterly Journal of Experimental Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	-	19-32	CLIN DFCT KIDS IQTS SPM UK	C.
ABSTRACT				
Twelve mentally defective schoolboys between ages of 14 & 16 took the AH4 test ten times without knowledge of results at weekly intervals and SPM about 30 days following last test period. They tended to improve throughout the ten testings. Scores on Pt. II (diagrammatic) started at a higher level and showed more improvement than Pt.I (verbal and numerical). Relatively high SPM scores indicate some practice effort produced by repeatedly taking a different test. Differences between mental defectives and a normal group of intelligent adults were :I. Individually, the defectives were more erratic and unpredictable. II. They also found Part II easier than Part I. III. Retarded group was less				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1950		
<i>AUTHOR</i>				
Morali-Daninos,A., Thierry-Mieg,B., & Granier,V.				
<i>TITLE</i>				
Etallonage du Text Matrix Progressive 1938 de J.C. Raven administre a temps liniate.				
<i>JOURN_BOOK</i>				
Scientifiques et Psychotechniques				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
			SPM NORM EURO	
<i>ABSTRACT</i>				

MATRICES		YEAR		
SPM		1950		
AUTHOR				
Notcutt,B.				
TITLE				
The measurement of Zulu intelligence.				
JOURN_BOOK				
Journal of Social Research				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	-	195-206	ANTHROP KIDS CORR IQTS NORM SPM AFRICA	A.
ABSTRACT				
Five tests have been standardised for native school pupils, and two of them also for adults. The tests used were: Goodenough's Draw-A-Man test, SPM, a Zulu Vocabulary Test, an adaptation of the Koh's Block Test. Norms are presented for each test individ- ually. Weighted norms are presented according to Wechsler's method, and used for combining the results of several tests into a single score. Adults are split into three groups "illiterate, literate and educated".				

MATRICES		YEAR		
SPM		1950		
AUTHOR				
Oleron,P.				
TITLE				
A study of the intelligence of the deaf.				
JOURN_BOOK				
American Annals of the Deaf				
VOLUME	SECTION	PAGES	CODES	INT_CODE
95	2	179-195	CLIN PHYS KIDS DEAF VERB AGES SPM EURO	C.
ABSTRACT				
A Brief review is given of studies of intelligence of deaf children. Author points out discrepancies in the findings and suggests that the deaf are equal to the hearing in concrete mental functioning but that they are deficient in abstract intelligence.He administered SPM to 246 deaf children between the ages of 9 and 21 years and found them to be markedly inferior in "abstract" intelligence.				

MATRICES		YEAR		
SPM		1950		
AUTHOR				
Spearman,C. & Wynne-Jones,L.L.				
TITLE				
JOURN_BOOK				
Human Ability London: Macmillan and Co.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			CRIT THEO FACT SPM	
ABSTRACT				
This book represents and extension of the foundational work on 'g' presented in Spearman's The Abilities of Man (1927). It considers the research undertaken to identify factors, and concludes that 'g' has been solidly confirmed in numerous studies . While the consensus of findings is that g represents a combination of abstraction with noegenesis, it is noted that an exception is the existence of spatial perception, which also loads very highly on g, and measured by "the best of all non-verbal tests of g, namely the 'Matrices' of Benrose and Raven"(1936 g.v.)				

MATRICES		YEAR		
SPM		1950		
AUTHOR				
Tizard,J., O'Connor, N. & Crawford J.M.				
TITLE				
The abilities of adolescent and adult high grade male defectives.				
JOURN_BOOK				
Journal of Mental Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
96	-	888-907	CLIN IQTS DFCT CORR FACT SPM UK	C.
ABSTRACT				
The Heath Rail Walking Test, five intelligence tests and 12 sub- tests of the U.S.E.S. general aptitude battery were administered to 104 defectives, mean C.A. 20.9. Wide differences in standard deviations of test results show the invalidity of inferring defect from S.D.'s. - especially on the Binet type vocabulary tests. On spatial ability this sample was one S.D. below mean of normal adults, on form perception 1.5 S.D. below, on finger and manual dexterity 2 S.D. below, on motor speed 1.5 S.D. below. At least 34% of the sample could be regarded as suitable for certain jobs falling under the categories apparently tested by the U.S.E.S. battery.				

MATRICES		YEAR		
SPM		1950		
AUTHOR				
Vernon,P.E.				
TITLE				
An application of factorial analysis to the study of test items.				
JOURN_BOOK				
British Journal of Psychology (Statistical Section)				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	-	1-15	CRIT ARMS FACT TIME SPM UK VERN	-
ABSTRACT				
Application of factor analysis to a set of test items will show whether content of test is homogeneous or whether different items measure largely distinct abilities. Suggested that the general factor running through all items should be at least four times the variance of all significant bipolar factors if test is to be regarded as adequately homogeneous. Heterogenity and formal factors constitute a serious problem as shown by the nonlinear regressions frequently noted in following up Army and Navy tests during the war. If formal content varies significantly in a test given with time limits, items should be thoroughly mixed and presented in approximate order of difficulty, otherwise different levels of				

MATRICES		YEAR		
SPM		1949		
AUTHOR				
Cassel,R.H.				
TITLE				
Qualitative evaluation of the Progressive Matrices Test.				
JOURN_BOOK				
Educational and Psychological Measurement				
VOLUME	SECTION	PAGES	CODES	INT_CODE
9	-	233-241	CLIN EDUC DFCT ITEM SPM NOAM	C
ABSTRACT				
Brief description given of SPM. It was observed that incorrect responses of mentally deficient subjects to these tests often fall into certain patterns and possible response patterns were proposed. Examination of results of 33 mentally deficient subjects on these tests revealed that in- correct responses of some subjects fell into patterns, of other subjects only partially fell into patterns and of yet other subjects fell into no pattern. It was suggested that these in- correct response patterns might be evidences of maturational levels. that they might show aetiological differences and that they might help to answer question of why a subject at some point in the test quits trying. Also suggested that				

MATRICES		YEAR		
SPM		1949		
AUTHOR				
Chauffard,C.				
TITLE				
Rigidite ou plasticite des aptitudes chez l'enfant.				
JOURN_BOOK				
Enfance.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
3	-	202-221	ANTHROP EDUC IQTS CORR KIDS NORM SPM EURO	A.E.
ABSTRACT				
Discordances are studied between results obtained with the vocabulary test (Binois and Pichot) and those obtained with the SPM of Penrose and Raven, when administered to 1,124 children, boys and girls from 9 to 14 in the Paris area, attending either the public schools or the lyceums. Significant differences between boys and girls and between pupils in the two types of school were revealed. Age differences were not significant. Correlations between the two tests and school grades were low. Correlation between the two tests themselves in public schools was .50 and in the lyceums .35.				

MATRICES		YEAR		
SPM		1949		
AUTHOR				
Emmett,W.G.				
TITLE				
Evidence of a space factor at 11+ and earlier.				
JOURN_BOOK				
British Journal of Psychol. Statistical Section				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	1	3-16	CRIT IQTS FACT KIDS CORR SPM UK	-
ABSTRACT				
Using D.N.Lawley's Maximum Likelihood Method of factor analysis, the writer establishes evidence for a space factor at 11+ and earlier. SPM was one of a battery of tests included in the enquiry, showing a high G saturation,but there was no V or K factor.				

MATRICES		YEAR		
SPM		1949		
AUTHOR				
Heim,A.W.				
TITLE				
Learning in intelligence test performance.				
JOURN_BOOK				
Abstract. Q.B. British Psychological Society (3):120-121. Reply by J.C.Raven (3)197-198. Rebuttal by A.W.Heim (3) 219-20.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	CLIN DFCT IQTS KIDS SPM UK	C.
ABSTRACT				
Two experiments described. Two groups (10 intelligence subjects & 12 mentally defective boys) took the same intelligence test (AH4) 10 times (once a week). Mentally defective boys also given SPM one month after 10 test on AH4. For both groups, intercorrelations between score on 10 testings and on each set of scores were extremely high. SPM scores of schoolboys were also extremely high for mental defectives. Three reasons suggested. RAVEN'S REPLY: Criticised direction and plan of Heim's exper- iment. Would expect educable mental defectives to obtain reason- ably high scores on SPM. HEIM'S REPLY: Felt it was worth mentioning that mental defectives in any circumstances could				

MATRICES		YEAR		
SPM		1949		
AUTHOR				
Jastak,J.				
TITLE				
Problems of psychometric scatter analysis.				
JOURN_BOOK				
Psychology Bulletin				
VOLUME	SECTION	PAGES	CODES	INT_CODE
46	3	177-197	CRIT THEO SPM NOAM	-
ABSTRACT				
The writer presents the theoretical considerations involved in psychometric scatter analysis. Special sections deal with scale standardisation, fourfold analysis of tests, external criteria of validation, reference points, weighted scores, sex differences, arithmetical differences as scatter measurements and psychosis, co-operation and scatter. He suspects that SPM measures several important group factors in addition to 'g'. To find that the SPM is a relatively pure test of 'g' must surely be due to faulty experimental design.				

MATRICES		YEAR		
SPM		1949		
AUTHOR				
Notcutt,B.				
TITLE				
The distribution of scores on Raven's Progressive Matrices Test.				
JOURN_BOOK				
British Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
40	-	68-70	STAT ANTHROP KIDS AGES RACE NORM SPM AFRICA	A.
ABSTRACT				
English norms for SPM show a population that is positively skewed at 8 years, normally distributed at 9 years, and then has marked negative skewing form age 10. Comparison with scores of Zulu subjects (11.5-15.5 yrs.)tested in 1948, in neighbourhood of Durban. Found that over the age range where English norms are negatively skewed, the Zulu sample shows equally pronounced positive skewing. However when the median scores are equated, distributions are very similar. For each there is a change from a positive skewing when median score is 18 points to a normal distribution when median is about 25 points. Form of distribution of an age group sample appears more dependent on test				

MATRICES		YEAR		
SPM		1949		
AUTHOR				
Pichot,P.				
TITLE				
Les tests mentaux en psychiatrie.				
JOURN_BOOK				
Instruments et methodes. Paris.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
I	-	67-69	CLIN SPM EURO	-
ABSTRACT				

MATRICES		YEAR		
SPM		1949		
AUTHOR				
Pieron,H.				
TITLE				
Du declin precoce de capacite mentale eprouvee par les Matrices progressives.				
JOURN_BOOK				
Binop				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	46-47	CLIN BRDM SPM EURO	-
ABSTRACT				

MATRICES		YEAR		
SPM		1949		
AUTHOR				
Vernon,P.E.				
TITLE				
The structure of practical abilities.				
JOURN_BOOK				
Occupational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23	-	81-96	CRIT VOC CORR THEO FACT SPM VERN	V.
ABSTRACT				
A review of approximately 100 unpublished factor analyses indicates that the major part of the variance of a miscellaneous battery of psychological tests may be attributed to g. In addition abilities fall into two main groups, the v:ed and k:m and these major group factors can be further subdivided into specialised factors. It appears justifiable to make the fullest possible use of g, k:m and v:ed tests for guidance purposes, but experience and attitudes need also to be considered.				

MATRICES	YEAR			
SPM	1949			
AUTHOR				
Vernon,P.E.				
TITLE				
Occupational norms for the 20 minute Progressive Matrices Test.				
JOURN_BOOK				
Occupational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
23	-	58-59	VOC NORM ARMS SPM UK VERN	V.N.
ABSTRACT				
Norms are given based on 89,764 men in different occupations and age groups.				

MATRICES		YEAR		
SPM		1949		
AUTHOR				
Vernon,P.E. & Parry,J.B.				
TITLE				
Personnel Selection in the British Forces.				
JOURN_BOOK				
London, University of London Press Ltd.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	VOC TEXT ARMS FACT TIME SPM UK VERN	V.
ABSTRACT				
This is an account of procedures used and results obtained from application of scientific methods to personnel selection of British forces during W.W.II. Part I is concerned with "the organisation of selection, the general procedures employed and the work of psychologists in the Royal Navy, Army and A.T.S., and the Royal Air Force. Part II is concerned with "the principles of personnel selection and guidance which have evolved both from pre-war investigations and from war-time experience". Conclusions relevant to civilian psychology are contained in final chapter. An appendix lists main psychological tests used in forces.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1948		
<i>AUTHOR</i>				
Gibson,Q.H.				
<i>TITLE</i>				
Intelligence tests and university careers of medical students.				
<i>JOURN_BOOK</i>				
Lancet				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
255	-	323-324	VOC CORR STUD SPM UK	V.
<i>ABSTRACT</i>				
The University careers of 2nd year medical students completing SPM in 1942, 1943 and 1944 have been followed up. The relation between the test and examination results is slight. The careers of individual students were remarkably consistent throughout the whole course. The Cattell Test (Cattell Scale III, form A 1934 - largely verbal) correlated only slightly with SPM and, different in form, gave essentially similar results.				

MATRICES		YEAR		
SPM		1948		
AUTHOR				
Orton,R. and Martin,D.R.				
TITLE				
Psychiatric screening of medical students.				
JOURN_BOOK				
Lancet				
VOLUME	SECTION	PAGES	CODES	INT_CODE
255	-	321-323	VOC SLCT STUD SPM UK	V.
ABSTRACT				
Purpose was to develop a screening battery of tests of prospect- ive medical students. Tests used included (1) questionnaires dealing with family, academic and personal interests, background. (2)two intelligence tests (SPM 20 Min. version) and group test 33 of NIIP. (3) More purely psychological tests.40 students studied. Found women had significantly higher average of verbal intelligence (expected as selection of women is more intense). From results, authors suggest minimum of 135 on group test 33 to ensure more adequate students (i.e. IQ of 118) this has been shown by other workers to be minimum adequate IQ for success in Medicine. Final results compared with similar gradings.				

MATRICES		YEAR		
SPM		1948		
AUTHOR				
Rimoldi,H.J.A.				
TITLE				
A note on Raven's Progressive Matrices Test.				
JOURN_BOOK				
Educational and Psychological Measurement				
VOLUME	SECTION	PAGES	CODES	INT_CODE
8	-	347-352	ANTHROP STAT KIDS AGES ITEM FACT SPM EURO NOAM	A.
ABSTRACT				
Comparisons of values obtained by administration of SPM in different populations different countries and different testing situations shows that there is a strong similarity between these different studies. Author recommends its use as nonverbal test. Loadings of different sets in the different factors are related to perceptual constructions of wholes, memory, relations of right and left, speed of perception and a nonidentified factor seem to play a considerable part in actual solution of the items. As some of these factors are similar to those of other studies it is suspected they are basic components of psychological dynamics beyond presentation of the problem.				

MATRICES		YEAR		
SPM		1948		
AUTHOR				
Rimoldi,H.J.A.				
TITLE				
Study of Some Factors Related to Intelligence.				
JOURN_BOOK				
Psychometrika				
VOLUME	SECTION	PAGES	CODES	INT_CODE
13	-	27-46	CRIT ANTHROP FACT CORR KIDS SPM EURO	-
ABSTRACT				
From factorial analyses of a battery of 19 individual tests,seven factors were obtained, six of them being interpreted. Some of these factors are probably related to similar ones isolated in different batteries by different authors. SPM is loaded on some of factors as expected according to nature of test and previous experience with it. Loadings of the tests and of factors in second order factors are given. Expected that this extension of factor theory will be useful for isolation of more fundamental psychological parameters. Although at present it is difficult to evaluate precisely theoretical and practical implications of this aspect of factor analysis.				

MATRICES		YEAR		
SPM		1948		
AUTHOR				
Rudolf,G.M.				
TITLE				
The Kent and other tests used on the same subjects.				
JOURN_BOOK				
Journal of Mental Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
44	-	452-8	STAT ARMS IQTS CORR SPM UK	-
ABSTRACT				
Kent Emergency Test was compared with Stanford-Binet, Farmer Hotoph 3 (or R) and SPM. 557 subjects given Kent and Stanford Binet, 407 Kent and FH3 (or R) test and 600 adult males (soldiers) given Kent and SPM. Individuals in each group scored higher on Kent test than on the other tests. Conclusion was that Kent Emergency Test cannot be used as alternative to Stanford Binet, SPM or FH3 (or R) test as it does not record similar results on the same individuals.				

MATRICES YEAR				
SPM		1948		
AUTHOR				
Slater,P.				
TITLE				
Comment on 'The Comparative Assessment of Intellectual Ability'.				
JOURN_BOOK				
British Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
39	-	20-21	CRIT ARMS ITEM THEO SPMUK	-
ABSTRACT				
Evidence is presented which the author feels cast doubt on the conclusion which Raven arrived at in his paper (Brit. J. Psych., 1948, p. 12-19) to the effect that the distribution of intelligence at maturity is not normal.				

MATRICES		YEAR		
SPM		1948		
AUTHOR				
Tracht,V.S.				
TITLE				
Preliminary findings on testing the cerebral palsied with Raven's Progressive Matrices.				
JOURN_BOOK				
Exceptional Children.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15	-	77-89	CLIN TECH PHYS BRDM SPM NOAM	C.
ABSTRACT				
A number of cerebral palsied children and adults were given SPM, a nonverbal test of mental ability. Results showed this test is particularly suited to persons so handicapped.				

MATRICES		YEAR		
SPM		1947		
AUTHOR				
H.M.S.O. Report				
TITLE				
The Work of Psychologists and Psychiatrists in the Services.				
JOURN_BOOK				
Report of an Expert Commitee, H.M.S.O. , London				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	VOC ARMS SLCT SPM UK	V.
ABSTRACT				
In an appraisal of the work of psychologists in the Services, SPM is described as one of the psychological tests in general use.				

MATRICES		YEAR		
SPM		1947		
AUTHOR				
Rimoldi,H.J.A.				
TITLE				
Tipificacion de los Progressive Matrices de Raven.				
JOURN_BOOK				
Publicaciones del Instituto de Psicologia Experimental.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	1	3-25	EDUC STAT ANTHROP NORMS KIDS SPM EURO	A.
ABSTRACT				
Having 1,680 subjects between 9 & 15, SPM was given simultaneously to groups of 30 subjects. The means increase progressively with age except for the 14 year old girls. There is a difference significant at the 1% level between the boys and girls in the older groups. The standard deviations are larger between the 10 & 12 year age groups. Sets C & D did not show much discrimination at these ages. [Text in Spanish. Summaries in English, French and German.]				

MATRICES		YEAR		
SPM		1947		
AUTHOR				
Slater,P.				
TITLE				
The association between age and score in the Progressive Matrices Test.				
JOURN_BOOK				
British Journal of Psychology (Statistical Section)				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	-	64-68	STAT AGES ARMS SPM UK	-
ABSTRACT				
Purpose of enquiry was to discover errors involved in treating association between age and psychological tests as rectilinear during period when men were in the Army.SPM found to be more closely associated with age than other tests. Sample of 2,500 used 100 at each age from 18-42. Scores were found to decline gradually with age from average of 40 to just over 30. Only about 5.81% of total variance of scores due to age differences. Remainder due to differences within each group. Rectilinear regression accounts for 2.52% and polynomial equation of 3rd order for additional 0.65%. As sample is large, this increase can be shown to be significant but too small to abandon simple				

MATRICES		YEAR		
SPM		1947		
AUTHOR				
Vernon,P.E.				
TITLE				
The variations of intelligence with occupation, age and locality.				
JOURN_BOOK				
British Journal of Psychology (Statistical Section)				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	1	52-63.	STAT OCCUP ARMS SLCT SCLS AGES SPM	
ABSTRACT				
The Matrices scores of 89,764 Royal Navy candidates are tabulated under occupation, age and area of Great Britain categories. All factors other than individual occupation and age differences are relatively unimportant although statistically significant. Support is found for the suggestion that men in unskilled and laboring occupations tend to lose the mental capacities they possessed when they left school, and that men who make use of their intelligence retain it the best.				

MATRICES		YEAR		
SPM		1947		
AUTHOR				
Vernon,P.E.				
TITLE				
Psychological tests in the Royal Navy, Army and A.T.S.				
JOURN_BOOK				
Occupational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
Apr	-	1-22	CRIT OCCUP ARMS SLCT RELI FACT SPM UK VERN	V.C.
ABSTRACT				
A review of psychological tests used in personnel selection during the war by the Royal Navy, Army and A.T.S. SPM is somewhat disappointing for vocational purposes, perhaps because: (1) the services wanted intelligence and education rather than pure intelligence alone; (2) a battery of verbal and mechanical spatial tests yielded a better combined result than SPM alone. Only when its visuo-spatial component was involved, did it seem to have anything to add to such a battery; (3) the main reason is its rather poor reliability and its susceptibility to non-intellectual influences—as Roberts has shown, this is greatest in the 15-20 score range, which is just about the level where acceptance or rejection				

MATRICES		YEAR		
SPM		1947		
AUTHOR				
Vernon,P.E.				
TITLE				
The variations of intelligence with occupation, age and locality.				
JOURN_BOOK				
Journal of Statistical Psychology.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	52-63	STAT VOC ARMS SLCT SCLS AGES SPM UK VERN	V.
ABSTRACT				
The SPM scores of 89,764 Royal Navy candidates are tabulated under occupation, age and area of Great Britain categories. All factors other than individual occupation and age differences are relatively unimportant although statistically significant. Support is found for the suggestion that men in unskilled and labouring occupations tend to lose the mental capacities they possessed when they left school, and that men who make use of their intelligence retain it the best.				

MATRICES		YEAR		
SPM		1946		
AUTHOR				
Himmelweit,H.T.				
TITLE				
Speed and accuracy of work as related to temperament.				
JOURN_BOOK				
British Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
36	-	132-144	CLIN PERS NEUR MFSX SPM uk	C.
ABSTRACT				
A study of speed and accuracy on five tasks performed by 100 neurotic subjects. SPM was administered to all and no differences were found between hysterics and dysthymics.				

MATRICES		YEAR		
SPM		1946		
AUTHOR				
Oxlade,M.				
TITLE				
An experiment in the use of psychological tests in the selection of women trainee telephone mechanics.				
JOURN_BOOK				
Bulletin of Industrial Psychology and Personnel Practice				
VOLUME	SECTION	PAGES	CODES	INT_CODE
2	-	26-32	VOC SLCT SPM AUST	V.
ABSTRACT				
Battery of seven tests was administered to 33 women trainee telephone mechanics. Results on Otis Higher Examination, SPM(20 min time limit) and ACER mechanical comprehension test were found to be related to success in examinations held at conclusion of training. If existing employment procedures were supplemented by more objective results of these rests, selection of women for this type of training could be made efficient.				

MATRICES		YEAR		
SPM		1945		
AUTHOR				
Eysenck,M.D.				
TITLE				
A study of certain qualitative aspects of problem solving behaviour in senile dementia patients.				
JOURN_BOOK				
Journal of Mental Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
91	-	337-345	CLIN RELI BRDM ITEM AGES SPM UK VALD FACT	C.
ABSTRACT				
SPM - Board form sets A, B. A study of 100 male senile demented. Their score was equal to that of 8 year old children. They were noticeably worse in Set B than manic depressives or schizophrenics, but the order of difficulty of test items was the same as in children and normals. The retest reliability is 0.49, (0.71 for 60 problems) and it was noted that 25% of the total errors were on difficult items, the subject's solution being in one case right and in the other wrong. With regard to errors, only '2' was chosen more in seniles than in normals.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1945		
<i>AUTHOR</i>				
Goldstein,M.J.				
<i>TITLE</i>				
The Progressive Matrices Intelligence Test Applied to Three Racial Groups in Cape Town.				
<i>JOURN_BOOK</i>				
Masters Thesis, University of South Africa.				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
-	-	-	ANTHROP KIDS SPM AFRICA	A.
<i>ABSTRACT</i>				
A study of the intelligence of different racial groups in South Africa after attempting to allow for difference in education. Results showed that SPM does minimise interracial differences in intelligence, but even the material of SPM may be unfamiliar to children reared in cultural environments where manipulation of such patterns is not common.				

MATRICES		YEAR		
SPM		1945		
AUTHOR				
Halstead,H. & Slater,P.				
TITLE				
An experiment in the vocational adjustment of neurotic patients.				
JOURN_BOOK				
Journal of Mental Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
92	-	509-515	VOC CLIN SLCT ARMS NEUR SPM UK	V.C.
ABSTRACT				
84 patients interviewed and tested at Mill Hill Hospital during early part of the war (pt. of a larger group recommended for a special course in engineering) were graded by their instructors according to their suitability for this type of work. On the whole, the results appear satisfactory. Only five patients were graded unsuitable. The records of all patients, including age, scores on five tests (one of which was SPM) and answers to a questionnaire were related to their grades. It was found that by taking previous engineering experience and scores on the Carl Hollow Square Scale into account, further improvements might be made in the selection reducing the errors of prediction by 10%.				

MATRICES YEAR				
SPM		1945		
AUTHOR				
Morrison, J.R.				
TITLE				
Bilingual and monoglot children in the Hebrides and Shetland Islands.				
JOURN_BOOK				
Ph.D. Thesis. University of Edinburgh				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	ANTHROP KIDS SPM UK	A.
ABSTRACT				
SPM was used in a study of the intelligence and attainments of bilingual and monoglot children in the Hebrides and Shetland Islands respectively. Bilingual children, he concludes, are behind even in non-verbal intelligence - probably due to mental inefficiency inherent in the bilingual culture rather than differences in innate ability.				

MATRICES		YEAR		
SPM		1945		
AUTHOR				
Rimoldi,H.J.A.				
TITLE				
Ensayo de Tipificacion de una Prueba Mental.(Progressive Matrices de Raven).				
JOURN_BOOK				
Publicaciones del Instituto de Psicologia Experimental. Universidad Nacional de Cuyo.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
1	3	85-114	STAT ANTHROP EDUC KIDS NORM SPM EURO	A.E.
ABSTRACT				
The distribution of SPM scores is given of 363 children aged 7-14. The standard deviation is greater at 9 & 12. It is observed that the best children seem to develop intellectually to a lesser degree than the more backward - perhaps reflecting a fault of the education system.Little effect due to cultural differences was noted. [Text in Spanish ; Summary in English, French and German].				

MATRICES		YEAR		
SPM		1945		
AUTHOR				
Slater,P.				
TITLE				
Scores of different types of neurotics on tests of intelligence.				
JOURN_BOOK				
British Journal of Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
35	-	40-42	CLIN NEUR SPM UK	C.
ABSTRACT				
Obsessionals, men with miscellaneous neuroses, anxiety states and hysterias (25 men in each group) were tested with Progressive Matrices, Cattell IIA and IIB and the Shipley Vocabulary Test. It was found that men suffering from obsessional neurosis, tended to be more intelligent than those suffering from other neuroses, but there were no significant differences between the other groups. Thus it is demonstrated that neurotics are heterogeneous as regards intelligence.				

MATRICES		YEAR		
SPM		1944		
AUTHOR				
Edholm,O.G. & Gibson,Q.H.				
TITLE				
Examination results and an intelligence test.				
JOURN_BOOK				
Lancet.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	294	VOC STUD CORR SPM UK	V.
ABSTRACT				
In selecting medical students at Belfast SPM results of students in the second year (for 3 yrs. running) were compared with their examination results.(first yr.-unlimited time. 2nd. & 3rd. yrs.-20 minute version). Only a slight correlation was found with terminal class exams. in Physiology, and similarly with the rest of the first M.B. exam. Probably the low correlation is due to the relative homogeneity of the group: A fairly rigid proccess of selection has already been applied by the time the student reaches his second year.				

MATRICES		YEAR		
SPM		1944		
AUTHOR				
Eysenck,H.J.				
TITLE				
The effect of incentives on neurotics and the variability of neurotics as compared with normals.				
JOURN_BOOK				
British Journal of Medical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
20	-	100-103	CLIN RELI NEUR SPM UK YSNK	C.
ABSTRACT				
Two groups of 100 neurotics each were retested on SPM 4 weeks after admission to hospital and variability compared with retest results of a normal group of comparable age, social back- ground and intelligence. One of neurotic groups was specially motivated by offer of money to anyone who could beat previous score by ten points. Test-retest reliability of normal group was significantly superior to that of two neurotic groups (.872 for normals, .809 and .816 for neurotics). Normals im- proved significantly more on retesting than did neurotics (2.74 points and average of 1.74 points). The specially motivated neurotic group showed less improvement on retesting than did non motivated group.				

MATRICES		YEAR		
SPM		1943		
AUTHOR				
Bradford,E.J.G.				
TITLE				
Performance tests in the diagnosis of mental deficiency.				
JOURN_BOOK				
British Journal of Medical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
19	3-4	394-414	CLIN ARMS PSAT DFCT SPM UK	C.
ABSTRACT				
Population tested consisted of 294 men maladjusted to army life and discipline whose SPM score was below 39, i.e. in lowest 25% of population. Half were diagnosed as mentally defective, half as neurotic with a sprinkling of psychopaths, epileptics, psychotics and post-concussional cases. Performance tests used were Alexanders Passalong, Koh's Designs, Knox Cubes, all modified in timing and scoring, and a new series of Graded Form Boards. Detailed instructions are given and the formboard diagrams reproduced. Value of performance test is affirmed. They are useful for diagnostic purposes in general and are of value in differentiating the intellectual defective from the				

MATRICES		YEAR		
SPM		1943		
AUTHOR				
Ewing,A.W.G. & Stanton,D.A.G.				
TITLE				
A study of children with defective hearing.				
JOURN_BOOK				
Teacher of the Deaf				
VOLUME	SECTION	PAGES	CODES	INT_CODE
41	-	56-59	EDUC CLIN KIDS DEAF PHYS VERB SPM UK	C.E.
ABSTRACT				
As yet unable to estimate the reliability of SPM for deaf children. Present testing was undertaken partly to see if SPM is satisfactory for use with deaf children. A preliminary examination of the deaf children's scores suggests a reasonable degree of internal consistency. Aprox. 3/4 (74.3%) were below the average for the East Anglian norms and nearly 1/2 (43.3%) are defin- ately subnormal. For an unselected sample of hearing children of similar social status,less than 1/2 were below the average for East Anglia and about a 1/2 were subnormal. So it is clear that results on SPM for deaf children are less successful than for ordinary school children. A school for the deaf probably does not				

MATRICES		YEAR		
SPM		1943		
AUTHOR				
Eysenck,H.J.				
TITLE				
Neurosis and intelligence.				
JOURN_BOOK				
Lancet				
VOLUME	SECTION	PAGES	CODES	INT_CODE
245	-	362-363	CLIN ARMS NEUR SPM UK YSNK	C.
ABSTRACT				
Records of 3,000 male and female neurotic Service patients (NCOs and other ranks) on SPM are analysed. Neurotic group is neither more or less intelligent than comparable non-neurotic groups.This supports the view that lower intelligence of neurotics is caused by a weakness in efficiency of mental functioning rather than inability to abstract and reason. On average, conversion hyster- ics are less intelligent than neurotics while dysmnesic hysterics are of average intelligence. Patients with chronic anxiety are on average more intelligent than neurotics. Distribution of scores in neurotic groups is abnormal (platykurtic), there was fewer cases of average intelligence and more cases of above				

MATRICES		YEAR		
SPM		1943		
AUTHOR				
Fraser-Roberts,J.A.				
TITLE				
Further Observations on the Efficiency of the Progressive Matrices Test.				
JOURN_BOOK				
War Cabinet Expert Committee Report				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	STAT VOC IQTS CORR TECH ARMS DFCT SPM UK	V.
ABSTRACT				
The author follows P.E. Vernon (1942) in judging the efficiency of the Matrices by its prediction of the T score (or some other good measure of general intelligence). The efficiency of predict- ion was found to be lowest at 18 points, and then increasingly slowly at first, then more and more rapidly until the very high ceiling of the test is reached. Below a score of 18 points, the predictive efficiency again rises until at imbecile levels the test is once again a good measure of 'G'.				

MATRICES		YEAR		
SPM		1943		
AUTHOR				
Halstead,H.				
TITLE				
An analysis of the Matrix (Progressive Matrices) test results on 700 neurotic (military) subjects, and a comparison with the Shipley Vocabulary Test.				
JOURN_BOOK				
Journal of Mental Science				
VOLUME	SECTION	PAGES	CODES	INT_CODE
89	-	202-215	CRIT ARMS NEUR RELI ITEM AGES IQTS CORR SPM UK	-
ABSTRACT				
Significantly lower scores were made by neurotics, who show not only lower medians but wider ranges. Attitudes of neurotic sub- jects to the testing situation were good, only 5% of 2,500 show- ing negativism.The current method of assessing unreliability of scores on SPM is mentioned with further suggestions incorporating a comparison of individual records, with an overall order of difficulty of the 60 items on the test and an index of efficiency by the use of a time-score index.				

MATRICES		YEAR		
SPM		1943		
AUTHOR				
Harding,D.W.				
TITLE				
Prognostic tests for students of architecture.				
JOURN_BOOK				
Occupational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
17	-	125-131	VOC STUD SLCT SPM UK	V.
ABSTRACT				
SPM was one of a battery of tests given to new entrants to the School of Architecture at Liverpool University, the aim of the investigation being limited to identifying those who would fail in their first year's work. SPM was found to be one of the three tests in which poor marks seemed to be closely associated with failure in the first year's work.				

MATRICES	YEAR			
SPM	1942			
AUTHOR				
Esher,F.J.S., Raven,J.C. & Earl,C.J.C.				
TITLE				
Discussion on testing intellectual capacity in adults.				
JOURN_BOOK				
Proceedings of the Royal Society of Medicine.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
35	12	779-785	CLIN VOC IQTS ARMS DFCT SPM UK	C.V.
ABSTRACT				
3 papers discussing "Testing intellectual capacity in adults". (1)ESHER. Administered untimed SPM to dull military adults admitted to the psycho-neurosis clinic. (2)RAVEN. SPM was designed to cover the widest possible range of intellectual development.It was not designed to differentiate clearly between individuals of any one level of mental ability. Used with people of sub-normal ability,a relatively large chance factor is involved and the reliability of the results obtained is correspondingly low. (3)EARL. A fully objective or mechanical analysis of intellectual process is not yet possible, for there is no test which cannot be solved in more than one way. This has been clearly shown by				

MATRICES		YEAR		
SPM		1942		
AUTHOR				
Raven,J.C.				
TITLE				
Testing the mental ability of adults.				
JOURN_BOOK				
Lancet				
VOLUME	SECTION	PAGES	CODES	INT_CODE
242	-	115-117	CRIT ARMS NEUR CORR TECH THEO SPM UK JCR	-
ABSTRACT				
Author discusses difficulties encountered in testing mental ability of adults under military conditions and advocates instead of usual types of intelligence test "perceptually presented tests of eductions", on which ability to succeed "depends neither on scholastic ability nor acquired skill but essentially eductive mental activity at the time of the test. "As an example of a test of eduction he describes SPM. " A person is shown a part left out from a group of alternatives shown below, he is asked to choose the piece which completes it. A series of designs follows. Each presents a matrix of relations from which it is possible to educe the nature of the missing figure". Experience with Matrix tests				

MATRICES		YEAR		
SPM		1942		
AUTHOR				
Vernon,P.E.				
TITLE				
The reliability and validity of The Progressive Matrices Test.				
JOURN_BOOK				
Admiralty Report 14b.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
-	-	-	STAT VOC ARMS STAT VALD RELI CORR SPM UK VERN	V.
ABSTRACT				
Correlations of the Matrices with good criteria of proficiency in various occupational groups of the Forces. Although other tests show a higher validity for specific jobs, SPM is the best single measure of the general ability which underlies all types of jobs. The above result only considers trainability. In ultimate efficiency, e.g. battle conditions, little is known. It was found, however, in a group of A.R.P.rescue men, that SPM ability is still an asset, but that the ability measured by a vocabulary test is of little or no advantage. In factor content SPM has the highest 'g' saturation, a very small amount of 'k' factor, but no verbal/educational factor. Its main weakness is its rather poor consistency coefficient.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1941		
<i>AUTHOR</i>				
Buros,O.K. (Ed.)				
<i>TITLE</i>				
The Nineteen-Forty Mental Measurements Year Book.				
<i>JOURN_BOOK</i>				
Highland Park, New Jersey (Review of SPM by T.J. Keating)				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
-	-	-	CRIT TEXT SPM	-
<i>ABSTRACT</i>				
Periodic reviews of available tests, including one on SPM.				

MATRICES		YEAR		
SPM		1941		
AUTHOR				
Esher,F.J.S.				
TITLE				
Short tests of low grade intelligence: II.				
JOURN_BOOK				
Occupational Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
15	-	112-119	CLIN ARMS DFCT SPM UK	C.
ABSTRACT				
In diagnosis of mental defectives it is important to consider spatial aptitudes,emotional stability,emotional disturbances and age. A test procedure has been developed which may be administ- ered in 45 minutes. This may be supplemented by a performance battery of the same length.Briefer forms may be given in as little as 15 minutes. School record and employment history facilitate diagnosis considerably.				

MATRICES		YEAR		
SPM		1941		
AUTHOR				
Raven,J.C.				
TITLE				
Standardization of Progressive Matrices 1938.				
JOURN_BOOK				
British Journal of Medical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
19	1	137-150	CRIT TECH KIDS ARMS SPM UK JCR	-
ABSTRACT				
A progressive series of 60 matrices has been prepared and stand- ardised for general and clinical purposes. It can be used as an +ndividual or group test for children over six years of age and for adults. Series gives a five point percentile grading irresp- ective of age and testee. The standard series makes no attempt to differentiate between individuals within these groups. Test grades have been compared with Terman-Merrill IQ's. Case notes show that SPM differentiates clearly between genuine intellectual superiority and verbal fluency. Used with defectives. SPM will differentiate backwardness due to specific deficits in reading, speech or education from genuine intellectual defect.				

MATRICES		YEAR		
SPM		1939		
AUTHOR				
Davidson,M.				
TITLE				
Studies in the application of mental tests to psychotic patients.				
JOURN_BOOK				
British Journal of Medical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	-	44-52	CLIN CRIT PSSS BRDM KIDS DFCT SBIT ITEM SPM UK	C
ABSTRACT				
Previous findings are confirmed, showing that schizophrenics produce vocabulary scores significantly higher than scores on other items of the mental test. Analysis of perceptual tests showed little difference between schizophrenic, manic depressive and other groups, except in the nature of the errors made on one of the tests. The schizophrenics showed a preference for alternatives in which one or more elements of the original matrix were combined.				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1939		
<i>AUTHOR</i>				
Penrose,L.				
<i>TITLE</i>				
Intelligence and birth rate.				
<i>JOURN_BOOK</i>				
Occupational Psychology				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
13	-	110-125	GENET SCLS KIDS SPM UK	-
<i>ABSTRACT</i>				
A general discussion of the various influences which bear on the relationship of birth rate and intelligence. Included is reference to data from 600 children on SPM, related to the occupation of fathers, showing that the children of professional and clerical occupational groups do better than children of the less skilled occupational groups.				

MATRICES		YEAR		
SPM		1939		
AUTHOR				
Raven,J.C. & Waite,A.				
TITLE				
Experiments on physically and mentally defective children with perceptual tests.				
JOURN_BOOK				
British Journal of Medical Psychology				
VOLUME	SECTION	PAGES	CODES	INT_CODE
18	-	40-43	CRIT CLIN PHYS DFCT KIDS SPM UK JCR	C.
ABSTRACT				
Group of physically defective children were classified according to defect, and to teachers' estimate of mental ability. Their standard scores on R.E.C.I. perceptual tests were compared with these classifications. Mentally defective children classified according to defect and progress in school. Their perceptual test scores and Binet IQ. were compared. Physically defective children on average differ little from normals despite teacher's ratings of backward. Their mean scores were slightly below normal on group test but slightly above normal on board form of test. Mentally defective children had mean scores consistently and significantly lower than normal, though mean scores showed a regular				

<i>MATRICES</i>		<i>YEAR</i>		
SPM		1939		
<i>AUTHOR</i>				
Spearman,C.				
<i>TITLE</i>				
Intelligence Tests.				
<i>JOURN_BOOK</i>				
Eugenics Review.				
<i>VOLUME</i>	<i>SECTION</i>	<i>PAGES</i>	<i>CODES</i>	<i>INT_CODE</i>
30	-	249-254	CRIT THEO SPM UK	-
<i>ABSTRACT</i>				
A discussion of the concepts `g' and `s' as means of identifying the components of intelligence. Progressive Matrices is used as an illustration of a good test of `g'				

MATRICES		YEAR		
SPM		1938		
AUTHOR				
Spearman, C.E.				
TITLE				
Measurement of Intelligence.				
JOURN_BOOK				
Scientia.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
64	-	75-82	CRIT FACT SPM UK	-
ABSTRACT				
Discussion of the concept of `g' as a factor which enters into all cognitive performance. It measures an activity called `education' which consists in passing either from 2 items to their interrelation or from one item and a relation to the correlative item. Success has been achieved in measuring `g' through the test devised by Penrose and Raven.				

MATRICES YEAR				
SPM				
AUTHOR				
Song,J.				
TITLE				
Electrical Brain Imaging during the Raven Progressive Matrices				
JOURN_BOOK				
Summary from Swinburne Brain Sciences institute.				
VOLUME	SECTION	PAGES	CODES	INT_CODE
			MISC SPM WAIS AUTO VALD EEGM	
ABSTRACT				
56 individuals were divided into two groups according to their WAIS III IQ score. All participants were administered WAIS III. On another day at the same time, they performed the SPM on a computer whilst their Steady State Visually Evoked Potential (SSVEP) was recorded. Performance of the computerised SPM was correlated with the WAIS III at 0.64. (p< 0.01) To perform the SPM the regions necessary include right parietal region (associated with processing spatial information); left parietal region (associated with processing spatial information verbally).				