

SPEA 34

SPEARRITT D/SPALDING D/JOHNSTON M - LOWER-CLASS AREA GR 6 GIRLS
MEASURING READING COMPREHENSION IN THE UPPER PRIMARY SCHOOL
CANBERRA- EDUC RES & DEVT COMM RPT #11 1977
ANALYSIS FROM APPENDIX E.4 P.141 VARIMAX-ROTATED MAXLIK SOLUTION

N=130

*** HIERARCHICAL FACTOR MATRIX, ORDER 1 ***

V#	1	2	3	4	5	6	7	8	H^2
FACTOR 1: O2;F1 CRYSTALLIZED INTELL. ....2C; ORDER 2									
FACTOR 2: O1;F1 VERBAL ABILITY .....V; ORDER 1									
1 +C4 CLOZE READING .....	.62	.37	-.07	-.10	.17	-.04	.244	.425	.81
2 +P2 FIND RHYMES .....	.74	.34	.10	-.06	.12	-.00	-.02	-.09	.70
3 +P1 WORD SOUNDS .....	.69	.32	.01	-.00	.22	.02	.12	.05	.64
4 +L1 VOCAB - NO CONTEXT .	.79	.31	.05	.04	.24	.09	.02	.13	.80
5 +P3 HIDDEN WORDS .....	.66	.27	.12	.12	.17	-.04	.16	.04	.59
6 +G1 WORD USES .....	.54	.26	-.10	.01	.20	.05	.04	-.04	.42
7 +R7 VERBAL INTELL .....	.69	.25	.07	.13	.29	.07	.16	.15	.70
8 +C5 CHUNKED READING ....	.69	.24	-.03	.06	.23	.18	-.11	.18	.66
9 +C7 COMPREH'N/STATEMENTS	.62	.23	.07	-.044	.345	.13	.18	.20	.65
10 +S2 CHAPMAN/COOK SPD RDG	.58	.22	.04	.044	.375	.08	.28	.13	.63
11 +G10 DEEP STRUCTURE .....	.74	.21	.13	.074	.355	.18	.03	.00	.77

12	+C13	READING F. INFERENCE	.58	.21	.14	-.034	.365	.08	.29	.08	.63
13	+#C8	FOLLOWING INSTRUC A	.56	.20	.14	.06	.12	.03	.05	.18	.43
14	+#G7	COMP. SENT. STRUC ..	.47	.20	-.00	.17	.24	-.02	.24	.05	.41
15	+#C3	MULT. CH. READING ..	.61	.19	.01	.024	.335	.19	.02	.05	.56
16	+#L3	VOCAB. IN CONTEXT ..	.62	.19	.03	.204	.425	.13	.27	.17	.75
17	+#G8	ANAPHORA .....	.64	.18	.17	.114	.375	.10	.25	.06	.69
18	+#G5	SCRAMBLED SENTENCES	.68	.18	.18	.014	.335	.18	.08	.13	.69
19	+#P4	WORD ATTACK .....	.42	.16	.00	.03	.21	.06	.09	-.04	.26
20	+#C6	COMPREH'N /QUESTIONS	.41	.13	.16	-.01	.16	.04	.12	.16	.28

FACTOR 3: O1;F4 INDUCTIVE REASONINGI; ORDER 1

21	+#R4	RAVEN PROG MAT D....	.40	-.01	.60	.11	-.09	-.03	.024	.395	.69
22	+#R3	RAVEN PROG MAT C ...	.45	.02	.57	.03	-.05	.01	-.09	.02	.55
23	+#R2	RAVEN PROG MAT A;B .	.31	.01	.40	.03	.14	.02	.19	.16	.34
24	+#R5	RAVEN PROG MAT E ...	.40	.01	.39	.18	.18	.03	.21	.18	.45
25	+G11	AMBIGUOUS SENT .....	.22	-.02	.21	.00	.17	.13	.05	.08	.14

FACTOR 4: O1;F3 ENGLISH USAGE/PUNCTUATION.EU; ORDER 1

26	+#G3	PUNCTUATION A .....	.72	.25	-.02	.43	.14	.02	-.02	.08	.79
27	+#S4	LETTER A .....	.43	.03	.12	.40	.24	.11	.06	.05	.44
28	+#S3	1ST DIGIT CANC'N ...	.28	-.00	.17	.39	.22	.00	.23	-.08	.37
29	+#G4	PUNCTUATION B .....	.70	.19	.03	.38	.19	.09	-.09	-.03	.73
30	+#C9	FOLLOWING INSTRUC B	.64	.20	.12	.38	.15	-.01	.11	.19	.68
31	+#R1	LETTER GROUPING32	.01	.14	.32	.23	.06	.13	-.08	.30

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(CONTINUED)

V#	1	2	3	4	5	6	7	8	H^2
FACTOR 5: O2;F2 FLUID INTELLIGENCE2F; ORDER 2									
FACTOR 6: O1;F2 SEMANTIC CONTEXTR&; ORDER 1									
32 +C10 COMPREH EXPLICIT INFO4	.525	-.01	.25	-.03	.47	.37	-.01	.01	.69
33 +#C1 BAS.SK.READ'G/LITERL4	.605	.12	.02	-.03	.40	.35	-.07	.26	.73
34 +C11 COMPREH IMPLICIT INFO4	.375	.03	-.07	.05	.45	.32	.01	.01	.45
35 +#C2 BAS.SK.RDG./IMPLIED 4	.565	.12	-.03	.06	.44	.30	.04	.15	.64
36 +#G6 COMBINING SENTENCES 4	.505	.07	.18	-.16	.41	.29	.02	-.05	.56
37 +C12 RDG TO NOTE DETAILS.4	.525	.10	.03	.16	.34	.22	.04	.23	.53
38 +#G9 EMBEDDED SENT. ....4	.575	.11	.16	.05	.44	.22	.15	-.02	.63
39 +#G2 LING. MARKERS .....4	.675	.14	.18	.17	.36	.17	.06	-.10	.71
FACTOR 7: O1;F5 CLOZE ABILITY .....CZ; ORDER 1									
40 +#S1 SPEEDED CLOZE .....4	.545	.25	-.02	.02	.42	.02	.41	-.07	.70

FACTOR 8: O1;F6 REASONINGRG; ORDER 1

41 +R6 REASONING (ETS KIT)	.09	-.01	-.03	.27	.13	.03	.18	.37	.27
42 +L2 ENG. PICT. VOCAB. . . .4	.535	.15	.01	-.01	.27	.22	-.03	.34	.54

SMSQ:13.22 1.46 1.48 1.25 3.49 .98 .97 1.13 23.98

*** HIERARCHICAL FACTOR MATRIX, ORDER 2 ***

HF # 1ST-ORD FACTOR		1	5	H^2
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FACTOR 1: O2;F1 CRYSTALLIZED INTELL.2C; ORDER 2

HF 2 O1;F1 VERBAL ABILITY	V	.89	.16	.82
HF 3 O1;F4 INDUCTIVE REASONING	I	.56	-.01	.32
HF 4 O1;F3 ENGLISH USAGE/PUNCTUATION.EU		.42	.12	.19

FACTOR 5: O2;F2 FLUID INTELLIGENCE2F; ORDER 2

HF 6 O1;F2 SEMANTIC CONTEXT	R&4	.535	.67	.73
HF 7 O1;F5 CLOZE ABILITY	CZ	-.02	.57	.32
HF 8 O1;F6 REASONING	RG	-.04	-.17	.03

SMSQ: 1.57 .85 2.41