

SPEA 32

SPEARRITT D/SPALDING D/JOHNSTON M - MIDDLE-CLASS GR.6 GIRLS
MEASURING READING COMPREHENSION IN THE UPPER PRIMARY SCHOOL
CANBERRA- EDUC RES & DEVT COMM RPT #11 1977
ANALYSIS FROM APPENDIX E-2 VARIMAX-ROTATED MAXLIK SOLUTION P.139

N=173

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

V#	1	2	3	4	5	6	7	8	9	H^2
FACTOR 1: O2;F1 CRYSTALLIZED INTELL. ....2C; ORDER 2										
FACTOR 2: O1;F3 ENG. USAGE(PUNCTUATION)...EU; ORDER 1										
1 +G4 PUNCTUATION B	.58	.58	-.01	.00	-.00	-.03	.02	.12	.03	.68
2 +G3 PUNCTUATION A	.63	.56	.03	.03	-.04	-.04	.14	-.04	-.01	.74
3 +P2 FIND RHYMES	.58	.29	.12	.18	.05	.01	.27	-.07	.13	.56
FACTOR 3: O1;F2 INDUCTIVE REASONING .....I; ORDER 1										
4 +R4 RAVEN PROG MAT D...	.48	-.01	.65	.03	-.07	-.07	-.03	.06	.02	.66
5 +R2 RAVEN PROG MAT A;B	.41	-.02	.46	.01	.02	.03	.21	.05	-.03	.43
6 +R3 RAVEN PROG MAT C ...	.30	-.02	.39	-.03	.07	.02	.12	.19	.05	.30
7 +G6 COMBINING SENTENCES	.61	.10	.37	.23	.04	.03	-.01	-.10	.06	.60
8 +R7 VERBAL INTELL	.65	.13	.344	.305	.02	.014	.375	.09	.21	.84
9 +R5 RAVEN PROG MAT E ...	.44	.16	.23	.03	.04	.13	-.01	.17	-.08	.33

FACTOR 4: 01;F1 VERBAL ABILITYV; ORDER 1

10	+#C2	BAS.SK.RDG./IMPLIED	.52	-.03	.14	.59	-.03	.03	-.00	.05	.03	.65
11	+C13	READING F. INFERENCE	.55	.08	.01	.53	-.03	.22	.02	.06	-.02	.64
12	+#L1	VOCAB - NO CONTEXT	.60	.05	.18	.51	.04	.07	.23	.02	.23	.77
13	+C10	COMPREH EXPLICIT INFO	.58	.01	.23	.48	.03	-.03	.03	-.03	-.02	.63
14	+#L3	VOCAB. IN CONTEXT	.57	.08	.16	.47	.02	.05	.21	-.05	.24	.69
15	+#S2	CHAPMAN/COOK SPD RDG	.44	.10	.03	.47	-.02	-.11	.17	.13	.10	.49
16	+#S1	SPEEDED CLOZE	.39	.07	-.02	.47	-.07	-.044	.3654	.315	-.00	.61
17	+C12	RDG TO NOTE DETAILS	.54	.02	.13	.44	.05	.18	.26	.02	.12	.62
18	+#L2	ENG. PICT. VOCAB.	.47	-.064	.335	.42	-.08	-.074	.415	.03	.23	.75
19	+#C4	CLOZE READING	.47	-.05	.23	.41	.01	-.044	.405	.07	.03	.61
20	+#G2	LING. MARKERS	.61	.08	.23	.38	-.02	.15	.22	-.00	.08	.65
21	+#C7	COMPREH'N/STATEMENTS	.59	.14	.13	.38	.03	.07	-.01	-.05	-.07	.55
22	+#G8	ANAPHORA	.60	.16	.12	.37	.08	-.10	.24	.07	-.06	.62
23	+#C1	BAS.SK.READ'G/LITERL	.63	.014	.335	.37	.04	.04	.19	-.10	-.00	.70
24	+#C5	CHUNKED READING	.57	-.004	.305	.36	.05	-.01	.21	.09	-.05	.59
25	+#C3	MULT. CH. READING	.52	.01	.24	.35	.02	.09	.13	.02	.01	.47
26	+C11	COMPREH IMPLICIT INFO	.44	.00	.25	.34	.01	-.03	.04	-.01	.15	.40
27	+#G7	COMP. SENT. STRUC	.30	.13	-.01	.31	.02	.01	-.10	.00	.29	.30
28	+#G1	WORD USES	.23	-.02	-.04	.30	.02	.18	.16	.20	.00	.24
29	+#R6	REASONING (ETS KIT)	.27	.00	.23	.29	-.11	-.12	.16	.23	.27	.38
30	+#P1	WORD SOUNDS	.52	.24	-.00	.25	.10	.01	-.02	-.09	-.08	.42
31	+#G5	SCRAMBLED SENTENCES	.63	.19	.23	.25	-.02	.05	.29	.05	-.08	.65
32	+G10	DEEP STRUCTURE	.70	.20	.25	.25	.11	.05	.25	.04	-.01	.74
33	+#P4	WORD ATTACK	.37	.16	-.04	.24	.13	.07	.09	-.00	.22	.30

SPEARTRIT D/SPALDING D/JOHNSTON M - MIDDLE-CLASS GR.6 GIRLS
 MEASURING READING COMPREHENSION IN THE UPPER PRIMARY SCHOOL
 CANBERRA- EDUC RES & DEVT COMM RPT #11 1977
 ANALYSIS FROM APPENDIX E-2 VARIMAX-ROTATED MAXLIK SOLUTION P.139

N=173

(CONTINUED)

V#	1	2	3	4	5	6	7	8	9	H^2
FACTOR 5: 01;F7 UNINTERPRETED.....I0; ORDER 1										
34 +G11 AMBIGUOUS SENT .....	.46	.01	.03	.01	.88	-.03	.02	-.01	-.03	.99
FACTOR 6: 01;F4 SENTENCE COMPREHENSION ...R&; ORDER 1										
35 +#C6 COMPREH'N /QUESTIONS	.52	.14	.044	.315	-.09	.44	-.00	-.05	-.11	.61
36 +#C8 FOLLOWING INSTRUC A	.36	.05	.23	-.00	.00	.30	.20	-.03	-.03	.31
FACTOR 7: 01;F5 VERBAL ABILITY(ALT) .....V; ORDER 1										
37 +#G9 EMBEDDED SENT. ....	.54	.05	.24	.28	-.01	.02	.47	-.08	-.07	.66
38 +#C9 FOLLOWING INSTRUC B	.56	.014	.365	.21	-.00	.16	.42	-.04	.01	.70
FACTOR 8: 01;F6 PERCEPTUAL SPEED .....P; ORDER 1										
39 +#S3 1ST DIGIT CANC'N ...	.12	-.07	-.00	.05	.254	.335	-.02	.63	.02	.60
40 +#S4 LETTER A .....	.28	.15	.20	-.05	-.02	.11	-.00	.60	-.10	.52

41 +#R1 LETTER GROUPING29 .18 .20 -.03 -.05 .13 .05 .26 .23 .30

FACTOR 9: O1;F8 PHONETIC CODING?PC; ORDER 1

42 +#P3 HIDDEN WORDS36 -.01 .014 .385 .014 .4854 .425 -.01 .59 1.02

SMSQ:10.54 1.14 2.31 4.33 .95 .91 1.98 1.21 .96 24.32

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

HF # 1ST-ORD FACTOR 1 H^2

FACTOR 1: O2;F1 CRYSTALLIZED INTELL.2C; ORDER 2

HF 2 O1;F3 ENG. USAGE(PUNCTUATION)...EU .72 .53

HF 3 O1;F2 INDUCTIVE REASONINGI .64 .41

HF 4 O1;F1 VERBAL ABILITYV .60 .36

HF 5 O1;F7 UNINTERPRETED.....I0 .43 .18

HF 6 O1;F4 SENTENCE COMPREHENSION ...R& .26 .07

HF 7 O1;F5 VERBAL ABILITY(ALT)V .12 .01

HF 8 O1;F6 PERCEPTUAL SPEEDP -.08 .01

HF 9 O1;F8 PHONETIC CODING?PC -.20 .04

SMSQ: 1.61 1.61
=====