

SPEARIT D 2  
~~SPEARIT D 1~~

SPEARIT D - 6TH-GRADE GIRLS  
 LISTENING COMPREHENSION- A FACTORIAL ANALYSIS  
 MELBOURNE- AUSTRAL COUN FOR EDUC RESEARCH 1962  
 TABLE C1 P.113 UPPER TRIANGLE; PEARSON R'S

N=139

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

V#	1	2	3	4	5	6	H^2
FACTOR 1: O2;F1 CRYSTALLIZED INTELL. ....2C; ORDER 2							
FACTOR 2: O1;F1 LISTENING ABILITY .....LS; ORDER 1							
1 +28 LIST'G/NOTE DETAILS(TAPE)	.63	.43	-.01	-.04	-.20	-.07	.62
2 +11 READING FOR INFERENCE ...	.64	.39	-.07	.09	-.10	-.09	.59
3 +26 LISTENING VOCAB (TAPED) .	.70	.37	.09	-.06	.03	.01	.64
4 +27 LIST'N FOR GEN SIG.(TAPE)	.65	.36	.00	-.01	.03	.01	.55
5 +#9 READING FOR GEN'L SIGNIF.	.71	.36	.08	-.03	.08	-.03	.65
6 +29 LIST'G FOR INFERENCE(TAPE)	.52	.36	.00	-.10	-.11	.09	.43
7 +#8 SPEED OF READING .....	.62	.35	.06	-.08	.09	-.25	.60
8 +#7 READING VOCABULARY .....	.79	.35	.08	.07	.08	.02	.76
9 +34 STEP LISTENING (TAPE) ...	.64	.34	.02	-.00	.00	.10	.54
10 +10 READING TO NOTE DETAILS .	.58	.33	-.09	.07	.09	-.14	.48
11 +30 LIST'G TO SHORT TALK(TAPE)	.48	.30	-.07	.13	-.23	.03	.39

12	+32	LIST'G/BOYS' TALK (TAPE)	.44	.30	-.06	-.02	-.164	.305	.40
13	+31	LIST'G/SPONT.SPEECH(TAPE)	.47	.27	-.05	.01	.00	.14	.31
14	+33	LIST'G/GERLS' TALK(TAPE)	.54	.27	.04	.05	-.11	.24	.44
15	+21	CONSEQUENCES (TAPED) ....	.49	.23	.03	.01	.03	.28	.38

FACTOR 3: O1;F3 MEMORY SPAN .....MS; ORDER 1

16	+25	LETTER SPAN II (AUDITORY)	.49	.02	.58	-.03	-.02	-.05	.59
17	+24	LETTER SPAN I (VISUAL) ..	.50	-.01	.55	.07	.02	-.03	.56
18	+16	RAPID SPELLING (TAPE-REC)	.43	.02	.54	.04	-.26	.12	.56
19	+19	ILLOGICAL GROUPING (TAPE)	.53	.03	.45	.06	.10	.01	.49
20	+18	HAPHAZARD SPEECH (TAPED)	.36	.05	.39	.05	-.23	.03	.34
21	+17	SINGING (TAPE-RECORDED) .	.38	.16	.25	-.01	-.23	.06	.29

FACTOR 4: O1;F2 INDUCTIVE REASONING .....I; ORDER 1

22	+#2	LETTER SERIES .....	.52	-.01	.10	.61	-.01	-.07	.66
23	+#3	PROGRESSIVE MATRICES 1938	.50	.03	.02	.60	-.04	.03	.62
24	+35	ARITH-SCHOOL MARKS .....	.38	.034	-.315	.564	.335	.09	.66
25	+15	FIVE LETTERS (TAPE-REC'D)	.31	-.06	-.01	.50	.004	.315	.45
26	+#6	ARITHMETIC REASONING.....	.64	.14	.02	.46	.10	-.13	.66
27	+#5	WORD SQUARES .....	.40	.13	-.17	.42	-.04	.06	.38
28	+14	LETTER LIST (TAPE-REC'D).	.39	.02	.04	.38	.03	.07	.30
29	+13	TRIPLET NUMBERS (TAPE-RD)	.09	-.05	-.06	.36	-.08	-.03	.15
30	+#1	LETTER GROUPING .....	.37	.07	.08	.27	-.05	.01	.23
31	+12	MATCHING WORDS .....	.56	.16	.04	.24	.13	-.07	.42
32	+#4	REASONING .....	.25	.06	-.07	.17	.11	.16	.14

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(CONTINUED)

V#	1	2	3	4	5	6	H^2
FACTOR 5: 01;F4 SCHOOL MARKS(READ/COMPOS..A6; ORDER 1							
33 +37 COMPOSITION-SCHOOL MARKS	.43	.07	-.05	.13	.56	.04	.53
34 +36 READING-SCHOOL MARKS ....	.59	.14	.03	.20	.37	-.06	.55
FACTOR 6: 01;F5 ASSOCIATIVE MEMORY .....MA; ORDER 1							
35 +20 SENTENCE COMPLETION .....	.34	-.02	.11	-.034	.455	.73	.86
36 +23 MEMORY FOR WORDS (TAPED)	.14	.03	-.01	.00	.04	.46	.23
37 +22 WORD NUMBER .....	.11	.06	-.12	-.00	.14	.32	.15
SMSQ: 9.33 1.84 1.59 2.25 1.21 1.41 17.62							

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

HF # 1ST-ORD FACTOR

1 H^2

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

HF 2 O1;F1 LISTENING ABILITY .....	LS	.87	.76
HF 3 O1;F3 MEMORY SPAN .....	MS	.64	.41
HF 4 O1;F2 INDUCTIVE REASONING .....	I	.61	.37
HF 5 O1;F4 SCHOOL MARKS (READ/COMPOS...A6		.41	.17
HF 6 O1;F5 ASSOCIATIVE MEMORY .....	MA	.14	.02

SMSQ: 1.73 1.73

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