

SNOW 11  
~~SNOW 12~~

SNOW RE/LOHMAN DF/MARSHALEK B/YALOW E/WEBB N  
CORRELATIONAL ANALYSES OF REFERENCE APTITUDE CONSTRUCTS  
STANFORD CA- APTITUDE RESCH PROJ TECH REPRT #5 1977  
TABLE P.5 PEARSON R'S; M&F HS STUDENTS

N=241

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

V#	1	2	3	4	5	6	H^2
FACTOR 1: O2;F1 GEN'L COGNITIVE ABILITY ..2G; ORDER 2							
FACTOR 2: O1;F5 CLOSURE SPEED .....CS; ORDER 1							
1 +#2 HARSHMAN GESTALT .....	.30	.38	.09	-.01	-.16	-.08	.27
2 +31 WAIS OBJECT ASSEMBLY ....	.48	.334	.335	.02	-.11	.02	.46
3 +16 USES FOR THINGS .....	.28	.29	-.08	.03	-.01	.07	.17
4 +12 WORD TRANSFORMATIONS ....	.61	.28	.03	.23	.08	.29	.59
5 +#1 STREET GESTALT .....	.25	.26	.09	-.01	-.05	-.05	.14
6 +28 WAIS PICTURE COMPLETION .	.34	.23	.14	-.03	.03	.09	.20
7 +30 WAIS PICTURE ARRANGEMENT	.31	.16	.15	-.03	.15	.01	.17
FACTOR 3: O1;F2 VISUALIZATION .....VZ; ORDER 1							
8 +#9 PAPER FOLDING .....	.57	.11	.58	.13	.05	.01	.69
9 +11 SURFACE DEVELOPMENT .....	.58	.16	.55	.13	-.05	.08	.69

10 +29 WAIS BLOCK DESIGN .....	.56	.26	.45	.08	-.01	-.00	.59
11 +32 RAVEN MATRICES .....	.63	.10	.43	.12	.16	.23	.68
12 +10 PAPER FORM BOARD .....	.49	.22	.43	.03	-.07	.09	.49
13 +14 HIDDEN FIGURES .....	.52	.19	.32	.02	.01	.25	.46
14 +18 LETTER SERIES .....	.57	.11	.29	.12	.25	.18	.53

FACTOR 4: O1;F4 MEMORY SPAN .....MS; ORDER 1

15 +24 WAIS DIGIT SPAN FORWARD .	.28	-.02	.03	.63	-.09	-.09	.50
16 +#5 VIS NUMBER SPAN .....	.42	-.05	.07	.59	.01	.15	.56
17 +#4 AUD LETTER SPAN .....	.31	-.02	-.04	.57	-.08	.11	.44
18 +25 WAIS DIGIT SPAN BACKWARD	.35	.02	-.01	.46	.06	.08	.35
19 +15 WORD BEGIN. & END. ....	.49	.24	-.09	.34	.08	.13	.44

FACTOR 5: O1;F1 REASONING .....RG; ORDER 1

20 +26 WAIS VOCABULARY .....	.60	.26	-.09	.20	.51	.02	.73
21 +33 ACHIEVEMENT VERBAL .....	.64	.19	-.09	.25	.49	.19	.79
22 +19 TERMAN ANALOGIES .....	.65	.24	.08	.14	.48	.06	.75
23 +20 WAIS INFORMATION .....	.54	.25	-.02	.10	.47	-.02	.59
24 +22 WAIS ARITHMETIC .....	.51	-.02	.24	.18	.46	.07	.57
25 +34 ACHIEVEMENT QUANTITATIVE	.62	-.024	.325	.17	.43	.21	.75
26 +23 WAIS SIMILARITIES .....	.46	.21	.08	.07	.39	-.08	.42
27 +21 WAIS COMPREHENSION .....	.47	.23	-.01	.13	.34	-.02	.41
28 +17 NECESSARY ARITH OPER'NS..	.59	.04	.27	.16	.33	.24	.62

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(CONTINUED)

V#	1	2	3	4	5	6	H^2
FACTOR 6: 01;F3 PERCEPTUAL SPEED .....P; ORDER 1							
29 +27 WAIS DIGIT SYMBOL .....	.33	-.07	.04	.04	.03	.68	.58
30 +#8 NUMBER COMPARISON .....	.28	-.02	-.04	.06	-.02	.62	.47
31 +#7 FINDING A'S .....	.35	.11	-.07	.01	.03	.53	.43
32 +#6 IDENTICAL PICTURES .....	.44	.26	.11	-.02	-.19	.49	.56
33 +#3 FILM MEMORY III .....	.17	.02	.03	.07	-.10	.30	.13
34 +13 CAMOUFLAGED WORDS .....	.42	.21	-.04	.22	-.02	.25	.33

SMSQ: 7.57 1.29 1.87 1.82 1.96 2.01 16.53

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

HF # 1ST-ORD FACTOR

1 H^2

FACTOR 1: O2;F1 GEN'L COGNITIVE ABILITY ..2G; ORDER 2

HF 2 O1;F5 CLOSURE SPEED .....	CS	.69	.48
HF 3 O1;F2 VISUALIZATION .....	VZ	.51	.26
HF 4 O1;F4 MEMORY SPAN .....	MS	.51	.26
HF 5 O1;F1 REASONING .....	RG	.47	.22
HF 6 O1;F3 PERCEPTUAL SPEED .....	P	.44	.20

SMSQ: 1.43 1.43

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