

SNOW 20
~~SNOW 21~~

SNOW RE/MARSHALEK B/LOHMAN DF
CORRELATION OF SELECTED COGNITIVE ABILITIES
AND COGNITIVE PROCESSING PARAMETERS: AN EXPLORATORY STUDY
STANFORD CA: STANFORD U SCHL EDUC/APTITUDE RESEARCH PROJECT DEC 1976
PEARSON R'S TABLE 2 - STANFORD STUDENTS

N=25

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

V#	1	2	3	4	5	H^2
FACTOR 1: O1;F1 BROAD VISUAL PERCEPTION ..GV; ORDER 1						
1 +#2 HIDDEN FIGURES .....	.72	.23	.14	.08	.25	.66
2 +#6 CAMOUFLAGED WORDS .....	.68	.18	-.02	.03	-.05	.49
3 +#3 CARD ROTATIONS .....	.61	-.154	.4654	.4454	-.335	.91
4 +#1 EMBEDDED FIGURES .....	.54	.22	.184	.315	.10	.47
FACTOR 2: O1;F2 INDUCTIVE REASONING .....I; ORDER 1						
5 +10 RAVEN MATRICES .....	.425	.85	-.13	.11	.04	.93
6 +#7 WORD TRANSFORMATIONS .....	.21	.76	.05	.22	.04	.67
FACTOR 3: O1;F3 MEANINGFUL MEMORY .....MM; ORDER 1						
7 -13 FILM MEMORY III .....	.05	-.26	.69	.05	.08	.56

8 +14 SHORT TERM VISUAL MEMORY I ... -.074 .475 .62 .26 .28 .75
 9 +#5 SURFACE DEVELOPMENT4 .485 .22 .61 .23 -.14 .73
 10 +#4 PAPER FOLDING4 .3954 .495 .58 .05 -.17 .76

FACTOR 4: O1;F4 MEMORY SPANMS; ORDER 1

11 -#8 MATCH.FAMIL.FIGS/ERRORS4 .365 .10 .10 .75 -.00 .71
 12 +11 DIGIT SPAN05 .20 .10 .67 .17 .52

FACTOR 5: O1;F5 PERCEPTUAL INTEGRATION ...PI; ORDER 1

13 +15 SUCCESSIVE PERCEPTION III17 .08 .17 .13 .67 .53
 14 +12 SEQUENTIAL WORDS -.13 .19 .104 .315 .45 .36
 15 +#9 IDENTICAL PICTURES -.01 .11 .15 .06 -.58 .38

SMSQ: 2.43 2.14 1.94 1.60 1.34 9.44

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