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DENTON JC/TAYLOR CW - M & F HS SENIORS WASHINGTON DC
A FACTOR ANALYSIS OF MENTAL ABILITIES AND PERSONALITY TRAITS
PSYCHOMETRIKA 1955 20 75-81 TABLE 1 P.77 PEARSON R'S

N=NO. OF OBSERVATIONS NOT SPECIFIED

*** 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;F2 GEN. FACTOR AT 1ST ORDER .1G; ORDER 1							
1 +#3 REASONING/LETTR SERIES;LTR GRP	.57	.43	.21	-.05	-.11	-.01	.57
2 +#4 NUMBER/ADDITION;MULTIPLICATION	.37	.42	-.02	.11	-.08	.12	.35
3 +#6 WORD FLNCY/FRST-LST LTRS;SUFFX	.41	.30	.17	-.03	.07	.04	.30
4 +#1 MEMORY/FIRST NAMES;WORD-NUMBER	.27	.29	.00	-.00	.15	-.17	.21
5 +#2 PERCEPTUAL SPEED/IDENTICAL NUM	.36	.28	.10	.15	.05	.12	.26
FACTOR 3: O1;F4 IDEATIONAL FLUENCYFI; ORDER 1							
6 +#7 VERBL VERSATILITY/SIMILES;LTR*	.52	.01	.58	.08	.05	.14	.63
7 +#8 IDEATIONAL FLNCY/TOPICS THEME	.46	.10	.41	.09	.18	-.12	.45
8 +#5 VERBAL COMP/SAME-OPP;COMPLETN	.50	.24	.36	-.21	-.01	-.21	.52
FACTOR 4: O1;F3 SOCIAL INTROVERSIONPR; ORDER 1							
9 -#9 SOCIAL INTROVERSION20	.04	.02	.90	.02	-.10	.87
10 +13 RHATHYMIA20	.04	.10	.61	-.204	.475	.69
FACTOR 5: O1;F5 THINKING INTROVERSIONPR; ORDER 1							
11 +10 THINKING INTROVERSION	-.02	-.01	.00	.09	.93	-.11	.88
FACTOR 6: O1;F1 CYCLOID/DEPRESSIONPR; ORDER 1							
12 +12 CYCLOID TENDENCY	-.07	-.04	.02	-.104	.395	.77	.77
13 +11 DEPRESSION	-.16	-.06	-.034	-.3354	.475	.60	.73
SMSQ: 1.68 .69 .73 1.40 1.36 1.34 7.20							

*** 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;F2 GEN. FACTOR AT 1ST ORDER .1G	.67	.45
HF 3 O1;F4 IDEATIONAL FLUENCYFI	.66	.43
HF 4 O1;F3 SOCIAL INTROVERSIONPR	.15	.02
HF 5 O1;F5 THINKING INTROVERSIONPR	-.03	.00
HF 6 O1;F1 CYCLOID/DEPRESSIONPR	-.04	.00
SMSQ: .91 .91		