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CUMMINS JP - MALES & FEMALES MEAN AGE 108 MOS.
 LANGUAGE FUNCTIONS AND COGNITIVE PROCESSING
 IN DAS/KIRBY/JARMAN- SIMULTANEOUS AND SUCCESSIVE COGNITIVE
 PROCESSES. - NY;ACADEMIC 1979 PP.175-185. TABLE 10.1 P.182

N=60

*** 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;F2 COMPLEXITY ORAL LANGUAGE..06; ORDER 1							
1 +14 WORDS PER T-UNIT .....	.61	.57	-.02	.04	.06	-.00	.70
2 +15 CLAUSES PER T-UNIT .....	.61	.55	.07	.02	-.07	.03	.68
FACTOR 3: O1;F1 LANGUAGE DEVELOPMENT .....LD; ORDER 1							
3 +13 NUMBER OF T-UNITS .....	.434	-.345	.87	.05	-.01	.00	1.05
4 +12 NUMBER OF CLAUSES .....	.64	-.00	.75	.01	-.02	.03	.97
5 +11 NUMBER OF WORDS .....	.66	.07	.66	-.01	.05	.05	.87
6 +#8 AMBIGUITIES (UNDERLYING STRUC)	.39	-.02	.414	.305	.044	-.385	.56
7 +#6 AMBIGUITIES (LEXICAL) .....	.29	.04	.28	-.15	.22	-.08	.24
8 +#7 AMBIGUITIES (SURFACE STRUCTRE)	.30	-.03	.26	.21	.01	.00	.20
FACTOR 4: O1;F5 MEMORY SPAN .....MS; ORDER 1							
9 +#3 SERIAL RECALL .....	.30	-.03	-.06	.70	.02	.07	.58
10 +#4 DIGIT SPAN FORWARD .....	.46	.08	.07	.69	-.01	-.08	.71
FACTOR 5: O1;F3 PIAGETIAN REASONING .....RP; ORDER 1							
11 +10 CLASS INCLU./PT II/NO PICTURES	.34	-.08	.11	.02	.67	.03	.59
12 +#9 CLASS INCLUSION/PT I/PICTURES.	.41	.07	.02	.02	.65	.00	.60
FACTOR 6: O1;F4 INDUCTIVE REASONING .....I; ORDER 1							
13 +#1 RAVEN COLORED PROG. MATRICES .	.29	.01	-.12	.034	.445	.56	.61
14 +16 WORDS PER SECOND .....	.27	.03	.09	-.06	.05	.56	.40
15 +#2 FIGURE COPYING42	.20	-.05	.02	.23	.47	.50
16 +#5 WORD ASSOCIATION14	-.05	.12	-.00	-.06	.42	.22
SMSQ: 3.04 .81 2.13 1.13 1.19 1.20 9.49							

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(CONTINUED)

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

HF #	1ST-ORD FACTOR	1	H^2
	FACTOR 1: O2;F1 CRYSTALLIZED INTELL.?.....2C; ORDER 2		
HF 2	O1;F2 COMPLEXITY ORAL LANGUAGE..O&	.71	.51
HF 3	O1;F1 LANGUAGE DEVELOPMENT .....LD	.65	.42
HF 4	O1;F5 MEMORY SPAN .....MS	.45	.20
HF 5	O1;F3 PIAGETIAN REASONING .....RP	.43	.18
HF 6	O1;F4 INDUCTIVE REASONING .....I	.28	.08

SMSQ: 1.39 1.39
