

KEIT 21

KEITH T2/NOVAK CG
 WHAT IS THE <G> THAT THE K-ABC MEASURES?
 PAPER PRESENTED/NAT'L ASSN SCH PSYCHOLOGISTS/NEW ORLEANS 1987
 PEARSON R'S SUPPLIED BY AUTHORS - LISTWISE DELETION
 REFERRED SCHOOL CHILDREN IN 8-STATE STUDY

N=357

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

V#	1	2	3	4	5	6	7	8	H^2
FACTOR 1: O3;F1 GENERAL INTELLIGENCE3G; ORDER 3									
FACTOR 2: O2;F1 CRYSTALLIZED INTELL.2C; ORDER 2									
FACTOR 3: O1;F2 LANGUAGE DEVELOPMENTLD; ORDER 1									
1 +17 VOCABULARY (WISC-R)	.56	.47	.40	-.03	-.01	-.03	-.02	-.13	.72
2 +18 COMPREHENSION (WISC-R)	.53	.36	.40	-.17	-.03	.06	.02	-.05	.61
3 +15 SIMILARITIES (WISC-R)	.58	.41	.33	.03	-.01	.05	-.00	.02	.62
4 +9 FACES AND PLACES (K-ABC)	.46	.38	.29	-.00	.02	-.02	.10	-.25	.52
5 +11 RIDDLES (K-ABC)	.58	.40	.28	-.00	.06	.06	.18	-.24	.67
6 +14 INFORMATION (WISC-R)	.59	.39	.27	.09	-.06	.08	.08	.00	.61
7 +10 ARITHMETIC (K-ABC)	.64	.30	.22	.05	.04	.20	.11	.16	.63
FACTOR 4: O1;F5 READING COMPREHENSIONRC; ORDER 1									
8 +12 READING-DECODING (K-ABC)	.50	.44	.02	.60	.04	-.05	.00	.03	.81
9 +13 READING-UNDERSTANDING (K-ABC)	.51	.49	.07	.59	-.03	-.08	.00	-.03	.87
FACTOR 5: O1;F3 MEMORY SPANMS; ORDER 1									
10 +3 NUMBER RECALL (K-ABC)	.37	.22	.01	.04	.71	.08	-.01	.01	.70
11 +19 DIGIT SPAN (WISC-R)	.47	.24	.11	-.03	.55	.13	-.02	.11	.61
12 +5 WORD ORDER (K-ABC)	.42	.23	.07	.01	.53	.10	.05	-.02	.53
FACTOR 6: O2;F2 BROAD VISUAL PERCEPTION ..2V; ORDER 2									
FACTOR 7: O1;F1 VISUALIZATIONV2; ORDER 1									
13 +4 TRIANGLES (K-ABC)	.51	.06	-.02	.03	-.02	.34	.47	-.04	.60
14 +22 BLOCK DESIGN (WISC-R)	.56	.07	-.00	.04	-.02	.37	.46	.01	.67
15 +23 OBJECT ASSEMBLY (WISC-R)	.49	.04	.02	-.03	-.04	.34	.44	-.01	.55
16 +20 PICTURE COMPLETION (WISC-R)	.49	.16	.11	-.07	.08	.23	.35	-.14	.48
17 +2 GESTALT CLOSURE (K-ABC)	.35	.09	.10	-.10	-.07	.19	.34	-.18	.34
18 +8 PHOTO SERIES (K-ABC)	.55	.12	.14	-.11	.01	.32	.26	.15	.54
19 +21 PICTURE ARRANGEMENT (WISC-R)	.50	.13	.17	-.16	.02	.26	.23	.05	.44
20 +7 SPATIAL MEMORY (K-ABC)	.42	.01	.01	-.05	.10	.32	.23	.22	.39
21 +6 MATRIX ANALOGIES (K-ABC)	.47	.19	.09	.05	.07	.19	.19	.04	.34
FACTOR 8: O1;F4 NUMERICAL FACILITYN; ORDER 1									
22 +16 ARITHMETIC (WISC-R)	.57	.23	.21	.01	-.01	.22	-.01	.38	.62
23 +24 CODING (WISC-R)	.28	.05	-.00	.10	.01	.18	.03	.31	.22
24 +1 HAND MOVEMENTS (K-ABC)	.44	.14	.12	-.03	.16	.20	.00	.30	.38
SMSQ: 6.01 1.85 .87 .83 1.15 .99 1.13 .63 13.46									

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(CONTINUED)

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

HF #	1ST-ORD FACTOR	1	2	6	H^2
	FACTOR 1: O3;F1 GENERAL INTELLIGENCE3G; ORDER 3				
	FACTOR 2: O2;F1 CRYSTALLIZED INTELL.2C; ORDER 2				
HF 3	O1;F2 LANGUAGE DEVELOPMENTLD	.73	.52	.06	.81
HF 4	O1;F5 READING COMPREHENSIONRC	.50	.49	-.09	.50
HF 5	O1;F3 MEMORY SPANMS	.42	.22	.11	.24
	FACTOR 6: O2;F2 BROAD VISUAL PERCEPTION ..2V; ORDER 2				
HF 7	O1;F1 VISUALIZATIONVZ	.67	.07	.46	.66
HF 8	O1;F4 NUMERICAL FACILITYN	.46	-.06	.42	.39
	SMSQ:	1.63	.57	.41	2.61

*** HIERARCHICAL FACTOR MATRIX, ORDER 3 ***

HF #	2ND-ORD FACTOR	1	H^2
	FACTOR 1: O3;F1 GENERAL INTELLIGENCE3G; ORDER 3		
HF 2	O2;F1 CRYSTALLIZED INTELL.2C	.78	.61
HF 6	O2;F2 BROAD VISUAL PERCEPTION ..2V	.78	.61
	SMSQ:	1.23	1.23