

SMIT II

SMITH HOWARD W

INTELLIGENCE; READING; AND SPELLING ABILITIES

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PEARSON R'S TABLE P.61

M & F GR 6 CHILDREN NYC MOSTLY WHITE SUBURB

N=149

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

V#	1	2	3	4	H^2
FACTOR 1: O2;F1 CRYSTALLIZED INTELL. ....2C; ORDER 2					
FACTOR 2: O1;F2 SPELLING ABILITY .....SG; ORDER 1					
1 +#1 SPELLING PERFORMANCE .....	.91	.40	-.02	-.02	.99
2 +#2 SPELLING RECOGNITION .....	.82	.35	.02	-.05	.79
3 +#8 ROOT-SUFFIX RULES .....	.67	.20	.00	.13	.51
4 +#7 PHONEME-GRAPHEME CORRESP. ....	.59	.14	.08	.09	.38
FACTOR 3: O1;F1 VERBAL ABILITY .....V; ORDER 1					
5 +#9 READING VOCABULARY69	-.00	.47	-.03	.71
6 +10 READING CONTEXT75	.04	.43	-.02	.74
7 +11 INTELLIGENCE (IQ)75	-.01	.43	.08	.75

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FACTOR 4: O1;F3 MEMORY (N.O.C) .....MO; ORDER 1
8 +#5 VISUAL - ALTERNATE SPELLING .. .74 -.01 .06 .49 .79
9 +#3 VISUAL - PICTURES ..... .56 .03 -.08 .45 .53
10 +#4 VISUAL - CONTEXT..... .58 .03 .07 .28 .42

SMSQ: 5.09 .35 .61 .56 6.61

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

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HF # 1ST-ORD FACTOR           1    H^2

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FACTOR 1: O2;F1 CRYSTALLIZED INTELL. ....2C; ORDER 2
HF 2 O1;F2 SPELLING ABILITY .....SG .92 .85
HF 3 O1;F1 VERBAL ABILITY .....V .84 .71
HF 4 O1;F3 MEMORY (N.O.C) .....MO .81 .65

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