

ARNOLD

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ARNOLD EM - AUSTRALIAN SCHOOLCHILDREN MEAN AGE 15:10
 IS TEMPORAL INTEGRATION A DISTINCT MENTAL ABILITY?
 AUSTRALIAN J PSYCHOL 1967 19 41-47
 TABLE 2 : UNROTATED MAX LIKELIHOOD FACTOR MATRIX

N=217

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

V#	1	2	3	4	5	6	H^2
FACTOR 1: O2;F1 GENERAL COGNITIVE ABILITY 2G; ORDER 2							
FACTOR 2: O1;F1 INDUCTIVE REASONINGI; ORDER 1							
1 +10 MATRICES IV(HUNT--)	.38	.394	-.345	.00	-.064	.305	.51
2 +#8 MATRICES II(RAVEN)	.52	.35	-.05	-.09	.05	-.00	.41
3 +#1 CVR (HEARNshaw)	.53	.29	.01	.09	.04	-.15	.40
4 +#9 MATRICES III(HUNT--)	.55	.29	-.01	.03	.02	.07	.40
5 +#7 MATRICES I (RAVEN)	.58	.26	.08	.03	-.03	.05	.41
6 +#2 LETTER FAMILIES	.43	.16	.03	.02	.17	.04	.24
FACTOR 3: O1;F4 LEXICAL KNOWLEDGE (PMA) ..VL; ORDER 1							
7 +11 VOCABULARY (PMA)	.54	.03	.52	-.10	-.07	-.03	.58
8 +12 COMPLETION (PMA)	.60	.01	.39	.14	.03	.05	.54
FACTOR 4: O1;F2 SPATIAL RELATIONS (PMA) ..SR; ORDER 1							
9 +13 FIGURES (PMA)	.42	-.01	-.00	.74	-.04	.03	.72
10 +14 CARDS (PMA)	.51	.03	.01	.73	.03	-.02	.79
FACTOR 5: O1;F3 MEMORY SPANMS; ORDER 1							
11 +#4 LETTER SPAN	.34	.01	.00	-.01	.64	-.04	.53
12 +#3 NUMBER SPAN	.38	.01	.01	-.00	.61	.05	.53
FACTOR 6: O1;F5 UNINTERPRETEDIO; ORDER 1							
13 +#5 SENTENCE COMPLETION	.39	.07	.01	-.03	-.01	.56	.48
14 +#6 LIMERICKS	.46	-.06	.20	.04	.06	.54	.55
SMSQ: 3.24 .55 .59 1.12 .85 .74 7.09							

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

HF # 1ST-ORD FACTOR	1	H^2
FACTOR 1: O2;F1 GENERAL COGNITIVE ABILITY 2G; ORDER 2		
HF 2 O1;F1 INDUCTIVE REASONINGI	.87	.75
HF 3 O1;F4 LEXICAL KNOWLEDGE (PMA) ..VL	.76	.58
HF 4 O1;F2 SPATIAL RELATIONS (PMA) ..SR	.51	.27
HF 5 O1;F3 MEMORY SPANMS	.48	.23
HF 6 O1;F5 UNINTERPRETEDIO	.43	.19