

ANDE 01  
~~ANDE 02~~  
~~ANDE 03~~

ANDERSON HE JR / LETON DA  
 FACTOR ANALYSIS OF THE CALIFORNIA TEST OF MENTAL MATURITY  
 EDUCATIONAL & PSYCHOLOGICAL MEASUREMENT 1964 24 513-523  
 PEARSON R'S - LEVEL 1 (GRADES 1-3)

N=285

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

V#	1	2	3	4	H^2
FACTOR 1: O2;F1 GENERAL COGNITIVE ABILITY 2G; ORDER 2					
FACTOR 2: O1;F1 QUANTITATIVE REASONING ...RQ; ORDER 1					
1 + #7 NUMBER PROBLEMS	.70	.26	.04	-.11	.57
2 + #6 NUMERICAL VALUES	.53	.21	-.04	-.00	.33
3 + #1 OPPOSITES	.64	.17	.07	.10	.45
4 + #8 INFERENCES	.50	.16	-.05	.15	.31
5 + #10 IMMEDIATE RECALL	.35	.14	-.10	.10	.16
6 + #3 ANALOGIES	.40	.13	.06	-.06	.18
7 + #4 RIGHTS AND LEFTS	.42	.11	.05	.09	.20
FACTOR 3: O1;F3 INDUCTIVE REASONING .....I; ORDER 1					
8 + #2 SIMILARITIES	.27	-.20	.61	.11	.50
9 + #5 MANIPULATION OF AREAS	.66	.02	.54	-.07	.72
FACTOR 4: O1;F2 REASONING .....RG; ORDER 1					
10 + #11 DELAYED RECALL	.49	.02	.06	.51	.50
11 + #9 VERBAL COMPREHENSION	.38	.02	.02	.41	.31
SMSQ: 2.78 .26 .69 .51 4.25					

\*\*\* 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 QUANTITATIVE REASONING ...RQ	.94	.88
HF 3 O1;F3 INDUCTIVE REASONING .....I	.77	.60
HF 4 O1;F2 REASONING .....RG	.58	.34
SMSQ: 1.82 1.82		