

DEVRIES R

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RELATIONSHIPS AMONG PIAGETIAN; IQ; AND ACHIEVEMENT ASSESSMENTS  
CHILD DEVT 1974 45 746-756  
PEARSON R'S WITH C.A. PARTIALED OUT; SEE CARROLL/KOHLBERG/DEVRIES  
REANALYSIS - INTELLIGENCE 1984 8 67 67-91  
BRIGHT & AVERAGE KINDERGARTEN CHILDREN

N=50

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

V#	1	2	3	4	H^2
FACTOR 1: O2;F1 GEN'L COGNITIVE ABILITY ..2G; ORDER 2					
FACTOR 2: O1;F1 COGNITIVE DEVELOPMENT ....DC; ORDER 1					
1 +#1 STANFORD-BINET MENTAL AGE ....	.67	.46	.11	.03	.68
2 +#4 PIAGET MAGIC .....	.54	.46	-.07	.08	.51
3 +#2 CTMM LANGUAGE MENTAL AGE .....	.56	.43	.01	.05	.50
4 +#3 CTMM NON-LANGUAGE MENTAL AGE .	.57	.42	.07	.01	.50
5 +#5 PIAGET CLASS INCLUSION .....	.38	.35	.04	-.11	.28
6 +12 PIAGET RING SEGMENT .....	.58	.34	-.124	.395	.62
FACTOR 3: O1;F3 SCHOOL ACHVT/TESTED .....A1; ORDER 1					
7 +19 METROP.ACHVT:WD DISCRIMINATION	.59	.04	.62	-.01	.72
8 +20 METROP.ACHVT:WORD KNOWLEDGE ..	.56	-.03	.60	.08	.68
9 +21 METROP.ACHVT: ARITHMETIC .....	.47	.02	.51	-.01	.48
10 +22 METROP.ACHVT: READING .....	.36	.01	.50	-.14	.40
11 +#6 PIAGET DREAM CONCEPTS .....	.52	.06	.39	.15	.45
12 +18 PIAGET OBJECT SORTING .....	.08	-.14	.25	.03	.09
13 +16 PIAGET LENGTH TRANSITIVITY ...	.32	.13	.17	.01	.15
FACTOR 4: O1;F2 PIAGETIAN CONSERVATION ...RP; ORDER 1					
14 +#8 PIAGET NUMBER CONSERVATION ...	.52	.03	-.08	.79	.90
15 +#9 PIAGET CONSERVATION--LIQUID ..	.40	-.08	.10	.58	.52
16 +11 PIAGET MASS CONSERVATION .....	.39	-.03	.05	.53	.43
17 +10 PIAGET CONSERVATION--LENGTH ..	.48	.13	-.01	.47	.47
18 +17 PIAGET GUESSING GAME .....	.14	-.11	-.00	.37	.17
19 +13 PIAGET GENERIC IDENTITY .....	.53	.17	.11	.32	.42
20 +15 PIAGET SIBLING EGOCENTRISM ...	.41	.10	.10	.26	.26
21 +#7 PIAGET L-R PERSPECTIVE .....	.28	.10	.08	.12	.11

SMSQ: 4.60 1.15 1.59 2.01 9.35

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

HF #	1ST-ORD FACTOR	1	H^2
FACTOR 1: O2;F1 GEN'L COGNITIVE ABILITY ..2G; ORDER 2			
HF 2	O1;F1 COGNITIVE DEVELOPMENT ....DC	.77	.59
HF 3	O1;F3 SCHOOL ACHVT/TESTED .....A1	.66	.44
HF 4	O1;F2 PIAGETIAN CONSERVATION ...RP	.58	.34
SMSQ: 1.37 1.37			