

ROYCE JR/YEUDALL LT/BOCK C - FACTOR ANALYTIC STUDIES OF  
 HUMAN BRAIN DAMAGE; I. FIRST AND SECOND-ORDER FACTORS  
 AND THEIR BRAIN CORRELATES  
 MULTIVAR BEHAV RESCH 1976 11 381-418 TABLE 3 388-390 PEARSON R'S  
 MOSTLY MALE DIAGNOSED BRAIN DAMAGE AGE 16-65 YRS (MEAN 40.31)

N=176

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

V#	1	2	3	4	5	6	7	8	9	10	11	12	H^2
FACTOR 1: O2;F1 FLUID INTELLIGENCE .....2F; ORDER 2													
FACTOR 2: O1;F11 PERCEPTUAL SPEED .....P; ORDER 1													
1 -15 SYMBOL GESTALT-TOTAL (CORRECT)	.62	.47	.04	.05	-.06	.16	.08	.08	.04	.15	.09	-.11	.70
2 +#4 TRAIL MAKING (B) (LATENCY) ...	.58	.45	-.06	-.04	.25	.05	.06	-.11	.134	.305	.02	-.13	.75
3 -18 SYMBOL GESTALT-TOTAL WTD SCORE	.58	.36	.13	.17	.21	.10	-.09	.13	.08	-.09	.04	.29	.69
4 -17 SYMBOL GESTALT-IMPVMNT(CORRECT	.19	.26	.01	-.01	-.05	-.01	.11	.10	-.06	-.13	.14	.28	.25
5 -#9 WAIS OBJECTS ASSEMBLY(CORRECT)	.63	.20	.14	.15	.09	.07	.19	.08	.14	.11	-.01	-.08	.58
FACTOR 3: O1;F4 INDUCTIVE REASONING .....I; ORDER 1													
6 +10 COLORED PROG MATRICES I(ERRORS)	.53	.01	.57	.08	.09	.07	.01	-.00	.12	-.03	-.00	-.02	.64
7 +11 COLORD PROG MATRICES II(ERRORS)	.59	-.00	.47	.10	.12	.06	.09	.04	.23	.00	.00	-.01	.66
8 +12 COLORD PROG MATRI III(ERRORS)	.54	.05	.33	.09	.07	.07	.08	.02	.27	.09	-.03	-.02	.51
9 -#8 WAIS BLOCK DESIGN (CORRECT) ..	.69	.22	.29	.20	-.01	.03	.11	.06	.14	.14	.05	-.18	.74
10 -#5 MEMORY FOR DESIGNS(CORRECT) ..	.54	.10	.27	.08	-.05	.20	.06	.07	.07	.18	.07	-.09	.48
11 +30 ORGANIC INTEGRITY TEST(ERRORS)	.43	.20	.23	-.02	-.01	.08	.15	.01	.07	.03	.02	.06	.32
FACTOR 4: O1;F5 INDUCTIVE REASONING(ALT)...I; ORDER 1													
12 +24 HALSTEAD CAT TEST VI (ERRORS)	.53	-.00	.03	.69	-.03	.04	.03	-.01	.16	.01	.01	-.09	.79
13 +23 HALSTEAD CAT TEST V (ERRORS) .	.47	-.09	.01	.63	.04	.06	.04	.05	.08	.02	.00	-.13	.66
FACTOR 5: O1;F6 TACTUAL PERFORMANCE .....TP; ORDER 1													
14 +29 FINGER LOCALZN-NON-PREFRD(ERRS)	.54	.03	-.10	.04	.58	.04	.06	.18	.18	-.05	.10	-.16	.76
15 +48 FACE HAND OMISSIONS(ERRORS) ..	.26	-.00	.03	-.04	.48	-.02	-.02	-.02	.03	.01	.00	-.09	.31
16 +49 FACE HAND DISPLACEMENTS(ERRORS)	.42	.11	.19	.16	.38	.00	-.10	.19	-.22	.03	-.17	-.16	.54
17 +16 SYMBOL GESTALT(ERRORS) .....	.48	.15	.15	.18	.30	.09	-.07	-.03	.27	-.12	-.024	.315	.60
18 -40 BINAURAL BEATS (CORRECT) .....	.30	-.05	.17	.06	.20	-.07	.16	.08	-.18	.10	.13	-.02	.26
FACTOR 6: O1;F8 WRIST-FINGER SPEED .....P5; ORDER 1													
19 -13 FINGER TAPNG PREF HAND(FREQ) .	.31	.01	.03	.05	-.14	.79	-.07	.03	-.10	.06	-.10	.02	.77
20 -14 FINGER TAPNG NON-PREF HND(FREQ)	.32	-.12	-.09	-.08	.17	.68	.01	-.06	.16	-.07	.12	-.06	.67
21 -41 RETINAL RIVALRY (FREQ) .....	.32	.23	-.01	.03	-.01	.28	.10	.10	.04	-.19	-.07	.04	.30
FACTOR 7: O1;F1 TACTUAL PERFORMANCE .....TP; ORDER 1													
22 +34 TACTUAL PERF/BOTH (LATENCY) ..	.61	.04	.02	.13	.16	.14	.53	.02	-.09	.06	.15	-.15	.78
23 +33 TACTUAL PERF/NON-PREFRD(LATNCY)	.59	.06	.02	.15	.20	.09	.51	-.07	.08	-.03	.10	.02	.72
24 -35 TACTUAL PERF-LOCALZN(CORRECT)	.45	.19	.11	.05	-.08	.03	.50	.08	.10	-.19	-.10	-.06	.57
25 -36 TACTUAL PERF--MEMORY(CORRECT)	.51	.01	.20	-.01	.03	.02	.46	.12	.09	.07	.03	-.06	.54
26 +32 TACTUAL PERF/PREFRD(LATENCY) .	.53	.21	-.04	.17	.10	.15	.36	-.14	-.11	.16	.07	-.02	.58