

FOIA ~~00~~

FOGARTY G  
TIMESHARING IN RELATION TO BROAD ABILITY DOMAINS  
INTELLIGENCE 1987 11 207-231.  
PEARSON R'S APPENDIX A  
PSYCHOL I STUDENTS U SYDNEY;+ADULT VOLUNTEERS

N=126

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

V#	1	2	3	4	5	6	7	8	9	H^2
FACTOR 1: O2;F1 GEN'L COGNITIVE ABILITY ..2G; ORDER 2										
FACTOR 2: O1;F3 CRYSTALLIZED INTELL.....GC; ORDER 1										
1 +23 SIMILAR'S SMA(AUD) W/SW SCRWD	.56	.27	-.07	-.28	.05	.14	.19	-.06	.04	.53
2 +21 SIMILARITIES SMA(AUD).....	.57	.274	-.315	-.01	-.04	-.034	.355	-.01	.11	.63
3 +22 SIMILARITIES SMV(VIS).....	.59	.23	.01	-.11	-.01	.094	.305	-.094	.325	.62
4 +#1 NUMBER SERIES NSA AUDITORY....	.67	.20	.21	.00	-.12	-.01	.21	-.11	.19	.64
5 +33 VERBAL ANALOGIES .....	.57	.19	.05	-.02	-.04	.074	.325	-.00	.11	.49
6 +14 SETS STA(AUD( W/ TM(TONAL MEM)	.52	.18	-.02	.02	-.14	.024	.535	.16	-.04	.63
7 +#3 NUMBER SERIES NSA W/ LR.....	.50	.17	.21	.00	-.184	.3054	.385	.02	-.00	.59
8 +11 SETS STA AUDITORY.....	.59	.17	.05	.03	-.00	.05	.27	.00	.03	.46
9 +#5 LETTER REORDERING LR.....	.66	.16	.07	.00	.02	-.194	.305	.07	-.02	.60
10 +24 SIMILAR'S SMV(VIS) W/SW SCRWD	.54	.16	.15	-.10	.11	.244	.325	-.01	.20	.56
11 +13 SETS STA(AUD) W/ HF(HIDDN FIGS	.59	.16	-.00	.03	.04	-.024	.345	.13	-.17	.54
12 +34 MEMORY SPAN .....	.42	.14	-.04	-.04	-.01	-.084	.365	.11	.01	.34
FACTOR 3: O1;F2 FLUID INTELLIGENCE .....GF; ORDER 1										
13 +#2 NUMBER SERIES NSV VISUAL.....	.68	.08	.52	.01	-.01	-.04	.20	.00	.06	.79
14 +15 SETS STV(VIS) W/ TM(TONAL MEM)	.37	-.00	.44	-.12	.04	-.034	.355	.19	-.01	.51
15 +#4 NUMBER SERIES NSV W/ LR.....	.69	.12	.43	-.02	-.03	-.01	.17	-.03	.02	.70
16 +29 HIDDEN WORDS HWV(VIS).....	.42	-.06	.39	.15	.16	.014	.385	.20	.04	.57
17 +#8 TONAL COUNTING TC.....	.54	.07	.31	.06	.154	.305	.26	.04	-.01	.58
18 +12 SETS STV VISUAL .....	.54	.09	.29	-.03	.06	.01	.08	-.01	-.06	.39
19 +16 MATRICES .....	.53	.08	.20	.06	.07	-.04	.16	.03	-.04	.36
FACTOR 4: O1;F5 BROAD VISUAL PERCEPTION ..GV; ORDER 1										
20 +35 HIDDEN FIGURES HF.....	.25	-.08	.02	.62	-.05	-.00	.19	.07	-.10	.51
21 +38 HIDDEN FIGS HF W/TM TONAL MEM.	.48	-.00	-.01	.59	.05	.02	.18	-.02	.03	.62
22 +37 HIDDEN FIGS HF W/HWA HIDWDAUD	.48	.01	-.15	.58	.014	-.305	.17	.03	-.01	.71
23 +36 HIDDEN FIGS HF W/STA SETS(AUD)	.43	.00	-.05	.55	.11	.13	.16	-.02	.01	.54
24 +39 CARD ROTATIONS .....	.24	-.04	.04	.31	.05	-.15	-.00	.02	-.11	.20
FACTOR 5: O1;F4 BROAD AUDITORY FUNCTION ..GA; ORDER 1										
25 +42 TONAL MEM TM W/STV SETS(VIS)..	.56	.02	.05	.03	.59	-.05	.02	.03	.03	.66
26 +45 CHORD DECOMPOSITION CD .....	.23	-.07	-.06	.12	.58	.02	-.06	-.01	.18	.45
27 +47 CHORD DECOMP CD W/HWV HIDWDVIS	.31	-.04	.06	-.00	.55	.04	-.05	-.02	.17	.44
28 +46 CHORD DECOMP CD W/HWA HIDWDAUD	.34	.01	.02	-.01	.54	.28	.14	.02	.21	.55
29 +41 TONAL MEM TM W/STA SETS(AUD)..	.48	-.01	-.04	.11	.47	-.19	.07	.13	-.17	.55
30 +48 CHORD DECOMP CD W/TM TON MEM..	.18	-.02	-.02	.01	.404	.305	.18	.11	-.01	.33

31 +43 TONAL MEM TM W/HF HIDDEN FIGS.	.61	.05	.04	.20	.38	-.04	.05	-.01	-.02	.56
32 +40 TONAL MEMORY TM.....	.52	.07	-.02	.01	.32	-.25	-.05	-.01	-.06	.45
33 +44 TONAL MEM TM W/CD CHORD DECOMP	.46	.01	.29	-.00	.32	.11	.03	.06	-.16	.44

TIMESHARING IN RELATION TO BROAD ABILITY DOMAINS  
 INTELLIGENCE 1987 11 207-231.  
 PEARSON R'S APPENDIX A  
 PSYCHOL I STUDENTS U SYDNEY;+ADULT VOLUNTEERS

N=126

(CONTINUED)

V#	1	2	3	4	5	6	7	8	9	H^2
FACTOR 6: O1;F7 TEMPORAL TRACKING .....UK; ORDER 1										
34 +10 TONAL COUNTING W/ SPV(SPELLVIS	.53	.08	.19	-.014	.355	.39	.05	-.01	-.15	.63
35 +#9 TONAL COUNTING W/ SPA(SPELLAUD	.49	.00	.29	.164	.345	.36	.04	.01	-.17	.62
FACTOR 7: O2;F2 TIMESHARING .....2*; ORDER 2										
FACTOR 8: O1;F1 ATTENTION(TIME SHARING) ..AC; ORDER 1										
36 +31 HIDDEN WDS HWA/AUD W/CD CHORDD	.22	-.01	-.10	.11	.03	-.20	.70	.38	.05	.75
37 +30 HIDDEN WDS HWA(AUD) W/HIDFIGS.4	.405	.07	.01	.00	-.01	-.25	.62	.31	.02	.70
38 +26 SCRAMBLED WDS SW W/SMA(SIMSAUD	.21	-.00	.22	.01	-.00	.17	.59	.30	-.02	.56
39 +#6 LETTER REORDERING W/ NSA.....	.26	.02	.04	-.03	.16	.03	.32	.25	-.24	.32
40 +28 HIDDEN WORDS HWA(AUD).....4	.405	.08	.03	.09	-.03	-.03	.53	.24	-.05	.52
41 +27 SCRAMBLED WDS SW W/SMV(SIMSVIS4	.425	.11	-.01	.10	-.06	.11	.62	.19	.09	.64
42 +32 HIDDEN WDS HWV/VIS W/CD CHORDD4	.435	.024	.305	.12	-.04	.05	.46	.19	-.00	.54
43 +#7 LETTER REORDERING W/ NSV.....4	.425	.09	-.05	-.01	.09	-.16	.41	.19	.02	.43
FACTOR 9: O1;F6 SPELLING ABILITY .....SG; ORDER 1										
44 +20 SPELLING SPV(VIS) W/TC(TON CNT	.15	.01	.00	.11	.02	-.06	.37	.01	.57	.50
45 +18 SPELLING SPV(VIS).....	.18	.04	.11	.03	-.09	-.01	.37	.01	.49	.43
46 +17 SPELLING SPA(AUD).....	.27	.08	.03	-.02	-.01	.05	.54	.11	.41	.56
47 +19 SPELLING SPA(AUD) W/ TC(TON CT	.17	.11	-.05	-.13	.04	.26	.34	.03	.27	.32
48 +25 SCRAMBLED WORDS SW.....4	.485	.06	.12	.23	.05	.18	.47	.08	.23	.62
SMSQ:10.39 .60 1.67 1.85 2.47 1.29 5.21 .79 1.42 25.68										

FOGARTY G  
TIMESHARING IN RELATION TO BROAD ABILITY DOMAINS  
INTELLIGENCE 1987 11 207-231.  
PEARSON R'S APPENDIX A  
PSYCHOL I STUDENTS U SYDNEY;+ADULT VOLUNTEERS

N=126

(CONTINUED)

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

HF #	1ST-ORD	FACTOR	1	7	H^2
FACTOR 1: O2;F1 GEN'L COGNITIVE ABILITY ..2G; ORDER 2					
HF 2	O1;F3	CRYSTALLIZED INTELL.....GC	.894	.375	.92
HF 3	O1;F2	FLUID INTELLIGENCE .....GF	.62	.09	.40
HF 4	O1;F5	BROAD VISUAL PERCEPTION ..GV	.60	.26	.43
HF 5	O1;F4	BROAD AUDITORY FUNCTION ..GA	.58	-.11	.35
HF 6	O1;F7	TEMPORAL TRACKING .....UK	-.30	.19	.12
FACTOR 7: O2;F2 TIMESHARING .....2*; ORDER 2					
HF 8	O1;F1	ATTENTION(TIME SHARING) ..AC	.16	.86	.77
HF 9	O1;F6	SPELLING ABILITY .....SG	.01	.49	.24
SMSQ:			1.99	1.24	3.23