

STAN 21

STANKOV L

THE ROLE OF COMPETITION IN HUMAN ABILITIES REVEALED
THROUGH AUDITORY TESTS. MBR MONOGRAPH NO. 83-1 1983

PEARSON R'S TABLE 2 P.12

ADULT VOLUNTEERS- ADULT ED CLASSES; FIREMEN

N=98

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

V#	1	2	3	4	5	H^2
FACTOR 1: O2;F1 BROAD AUD. PERCEPTION ....2U; ORDER 2						
FACTOR 2: O1;F1 AUD. PITCH(ETC) DISCRIM...U5; ORDER 1						
1 +#3 CHORD DECOMPOSITION .....	.71	.31	-.06	-.04	.05	.61
2 +#2 SEASHORE'S TONAL MEMORY .....	.78	.30	.02	.01	.28	.77
3 +#1 PITCH CHANGE IN CHORDS .....	.69	.27	.04	-.03	-.04	.56
4 +#4 NOTES PER CHORD .....	.43	.21	-.19	.07	.07	.28
FACTOR 3: O1;F2 TEMPORAL TRACKING .....UK; ORDER 1						
5 +#5 LETTER REORDERING .....	.47	-.01	.57	.24	.08	.60
6 +#7 RST TEST .....	.16	-.09	.52	.04	.10	.31
7 +#8 DO-MI-SOL TEST .....	.44	.09	.44	-.24	-.09	.45
8 +#6 TONAL REORDERING .....	.34	.01	.42	.04	-.11	.31

FACTOR 4: O1;F4 LANGUAGE DEVELOPMENTLD; ORDER 1
 9 +12 RAPID SPELLING19 -.02 -.02 .70 -.01 .53
 10 +11 SPOKEN SYNONYMS VOCABULARY32 .03 .03 .63 -.07 .50
 11 +13 NUMBER SPAN FORWARD17 -.06 .18 .50 .01 .31

FACTOR 5: O1;F3 MAINT'G & JUDGING RHYTHM..U8; ORDER 1
 12 +#9 TEMPO A28 .09 .01 .06 .83 .77
 13 +10 TEMPO B22 .004 .315 -.08 .69 .62

SMSQ: 2.63 .33 1.13 1.26 1.28 6.63

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

HF # 1ST-ORD FACTOR 1 H^2

FACTOR 1: O2;F1 BROAD AUD. PERCEPTION2U; ORDER 2
 HF 2 O1;F1 AUD. PITCH(ETC) DISCRIM...U5 .93 .86
 HF 3 O1;F2 TEMPORAL TRACKINGUK .57 .33
 HF 4 O1;F4 LANGUAGE DEVELOPMENTLD .34 .12
 HF 5 O1;F3 MAINT'G & JUDGING RHYTHM..U8 .03 .00

SMSQ: 1.31 1.31