

TAYLOR

TAYLOR CW/GHISELIN B/YAGI K
EXPLORATORY RESEARCH ON COMMUNICATION ABILITIES AND
CREATIVE ABILITIES. SALT LAKE CITY- UNIV. UTAH 1967
PEARSON R'S TABLE 45 BATTERY B (SELECTED VARS)
AIRMEN LACKLAND AFB TX (SEE TABLE 11 P. 45)

N=295

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

V#	1	2	3	4	5	6	7	8	9	H^2
FACTOR 1: O2;F1 BROAD RETRIEVAL ABILITY ...2R; ORDER 2										
FACTOR 2: O1;F1 IDEATIONAL FLUENCY .....FI; ORDER 1										
1 ++41 WORD STORY/# GIVEN WDS USED ..	.50	.44	-.17	-.16	.13	-.11	.03	-.09	-.09	.55
2 ++44 SIMILES II/ACCEPBL 2ND-3RD RSP	.46	.42	-.14	-.17	-.00	-.21	-.00	-.25	-.13	.56
3 ++60 SOCIAL INSTITUTIONS/ALL RESPS	.63	.41	.03	.14	-.194	-.465	-.014	-.485	.02	1.06
4 ++52 BRICK USES/# MIN'Y ACCEPTABLE.	.54	.40	-.01	-.24	.06	.06	-.02	-.01	-.21	.56
5 ++13 TOPICS/# RELEVANT WRITTEN ....	.59	.39	-.01	-.02	.00	.00	.00	-.02	-.06	.50
6 ++26 CONSEQUENCES/DEGREE REMOTENESS	.53	.37	.00	.02	.03	-.01	-.08	.06	.06	.43
7 ++46 LETTER STAR II/ACCEPBL 2-3 RSP	.43	.36	-.17	-.01	-.03	.15	.00	-.11	-.01	.38
8 ++75 ABSTRACTING/# WORDS .....	.47	.35	.01	-.03	.02	-.13	.054	.305	.02	.46
9 ++37 WORD ASSOCIATION/# ACCEP WDS .	.63	.32	.06	.16	-.02	-.02	.03	.02	-.04	.53
10 ++65 COMPOUNDING WORDS II/# ACCEPBL	.51	.29	-.08	.16	.01	-.00	-.02	-.03	-.10	.39

11	+#9 NAMING NAMES/TOT # WRITTEN ...	.47	.29	.02	-.01	.05	.09	.02	.03	.01	.31
12	++74 OUTLINING I/# IMPORTANT IDEAS	.41	.28	.01	.01	.04	-.15	-.194	.315	-.04	.41
13	++53 BRICK USES/# CATEGORY CHANGES	.45	.28	.05	-.07	-.00	.03	.02	-.04	-.06	.29
14	++43 SIMILES II/ACCEPBL 1ST RESPNS.	.44	.28	.01	.04	.01	-.24	-.01	-.00	-.05	.33
15	++45 LETTER STAR II/ACCEPBL 1ST RSP	.38	.28	-.02	.01	-.06	.04	-.04	.04	.05	.24
16	++57 SENTENCE BUILDING/# SENTENCES	.44	.28	.00	.04	-.03	-.05	-.10	.09	-.09	.30
17	++25 CONSEQUENCES/TOT ACCEPTABLE...	.29	.26	-.10	-.14	.00	-.16	.01	-.18	-.21	.28
18	++56 SENTENCE BUILDING/# SENTENCES	.36	.26	-.03	-.03	.14	-.07	.10	-.05	.06	.24
19	+42 WORD STORY/ORIGINALITY ETC ...	.40	.19	-.08	.21	.15	-.06	.06	-.11	-.04	.29

FACTOR 3: O1;F2 ORAL PRODUCTION(SELF-RATED.OP; ORDER 1

20	++40 SPEECH ATTITUDE SCALE .....	.37	-.02	.71	-.04	.01	-.04	.02	.054	.335	.76
21	+#5 SPEAKING/SELF RATING .....	.42	.01	.64	.06	-.02	.01	.01	.02	.27	.67
22	++54 PHRASE CHECK LIST/POSITIVE ...	.40	.01	.64	-.04	.02	-.17	.03	-.04	.15	.62
23	++12 WRITING ATTITUDE SCALE .....	.46	.00	.60	.10	-.07	.00	-.03	-.07	.00	.59
24	+55 PHRASE CHECK LIST/NEGATIVE ...	.18	-.09	.59	.01	.02	.14	-.02	.024	.555	.71
25	+#1 BIOG INFOR/SPEAKING .....	.41	.00	.59	.00	-.04	.10	.02	.08	.05	.53
26	++27 INTEREST SCALE/SPEAKING .....	.42	-.05	.58	.15	.01	-.01	.09	-.04	-.01	.55
27	+#6 WRITING/SELF RATING OF ABILITY	.47	.02	.50	.12	.01	.24	-.05	-.00	.01	.54
28	+#2 BIOG INFOR/WRITING .....	.37	.00	.47	.00	-.02	.18	.02	-.01	-.06	.39
29	++29 INTEREST SCALE/READING .....	.26	-.10	.35	.11	.02	.14	.03	.034	-.325	.34
30	++47 ADJECTIVE CHECK LIST/POSITIVE.	.41	.10	.30	.03	.03	-.13	-.00	-.11	-.18	.33
31	++16 SATISFACTORY ABILITY/WRITING..	.29	-.00	.28	.15	-.02	.02	-.05	-.01	-.09	.20

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(CONTINUED)

V#	1	2	3	4	5	6	7	8	9	H ²
FACTOR 4: G1;F3 VERBAL ABILITYV; ORDER 1										
32 ++59 WORD KNOWLEDGE (ACB SCORES)45	.01	-.03	.78	.01	-.01	.03	-.03	-.01	.81
33 ++11 VOCABULARY .....	.50	.05	.01	.71	.02	.03	-.01	.00	-.01	.77
34 +-51 REVISION II- WDS/PER IDFA.....	.23	-.01	-.01	.44	.04	.13	.02	-.04	.08	.27
35 ++63 EMPATHY TEST/DEVIATIONS.....	.17	-.03	.03	.37	-.05	-.01	.00	.02	.01	.17
36 ++10 NAMING STATES/TOT # WRITTEN ..	.48	.19	-.02	.35	.02	.12	.05	.07	.06	.42
37 ++73 SKIMMING EXERCISE/# COR.ITEMS.	.42	.09	.16	.34	.08	.03	-.07	.10	.16	.37
38 ++49 REVISION II/# IDEAS RETAINED..	.44	.23	-.06	.34	-.06	-.10	.01	.00	.09	.38
39 ++24 AUDITORY REPENTION .....	.28	-.01	.06	.33	.15	.05	.00	.07	-.14	.24
40 ++64 QUALITIES SUPERIOR SPEAKER....	.27	.00	.09	.29	.07	-.11	-.06	.05	-.14	.21
41 ++58 TEST OF INSIGHT/ACHVT MOTIVATN	.35	.11	.01	.27	-.06	-.03	-.04	.04	-.18	.25
42 ++62 SOCIAL INSTET7NS/INSIGHTFUL ..	.47	.14	.11	.25	.05	.14	.02	-.04	-.01	.34

FACTOR 5: 01;F6 WRITING ABILITYWA; ORDER 1

43 +-33 TELEGRAM WRITING I- WDS/IDEA.. .22 -.01 .01 .01 .87 -.01 -.04 .01 .01 .81

FACTOR 6: 01;F8 OPAL PRODUCTION(PFER-RATED.OP; ORDER 1

44 ++81 SOCIOMETRIC/LISTENING ABILITY .26 .02 .024 .315 -.00 .49 -.03 -.16 .15 .45

45 ++78 SOCIOMETRIC/CRAL DRILL25 -.02 .26 .18 -.01 .33 .01 -.03 .15 .30

46 ++61 SOCIAL INSTIT'NS/SUPERFICIAL . .454 .385 -.01 -.00 -.23 -.61 -.024 -.475 .02 1.00

FACTOR 7: 01;F4 TELEGRAM WRITING(DOUBLET)..S&; ORDER 1

47 ++32 TELEGRAM WRITING I/# WDS USED .02 -.01 .01 -.00 -.02 -.00 .95 .02 -.01 .90

48 ++31 TELEGRAM WRITING I/# IDEAS28 .02 -.00 .024 .745 .00 .86 -.00 .01 1.37

FACTOR 8: 01;F7 REASONING(ABSTRACTING.....RG; ORDER 1

49 ++76 ABSTRACTING/IMPORTANT IDEAS .. .26 .26 -.12 .02 -.03 .00 -.04 .39 .07 .31

50 +-71 PE SCALE/ITEMS REVEALING LIES. .05 .02 -.18 .25 -.12 -.04 .01 .31 -.27 .29

FACTOR 9: 01;F5 A PERSONALITY FACTORPR; ORDER 1

51 +-70 PE SCALE/ITEMS REVEALG ANXIETY .21 .024 .305 .02 .14 -.02 -.01 -.15 .40 .34

52 +-48 ADJECTIVE CHECK LIST/NEGATIVE. .07 -.03 .13 .10 .04 .04 .02 -.11 .22 .10

SMSQ: 8.28 2.44 3.87 2.67 1.57 1.45 1.75 1.16 1.25 24.42

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

HF #	1ST-ORD FACTOR	1	H^2
FACTOR 1: O2;F1 BROAD RETRIEVAL ABILITY ...2R; ORDER 2			
HF 2	O1;F1 IDEATIONAL FLUENCY .....FI	.83	.70
HF 3	O1;F2 ORAL PRODUCTION(SELF-RATED.OP	.57	.33
HF 4	O1;F3 VERBAL ABILITY .....V	.49	.24
HF 5	O1;F6 WRITING ABILITY .....WA	.26	.07
HF 6	O1;F8 OPAL PRODUCTION(PER-RATED.OP	.12	.02
HF 7	O1;F4 TELEGRAM WRITING(DOUBLET)...S&	.05	.00
HF 8	O1;F7 REASONING(ABSTRACTING.....RG	-.07	.00
HF 9	O1;F5 A PERSONALITY FACTOR .....PR	-.24	.06

SMSQ: 1.41 1.41