

TAYL II

TAYLOR CW/GHISELIN B/YAGI K - MALE AIRMEN LACKLAND AFB TX
EXPLORATORY RESEARCH ON COMMUNICATION ABILITIES
AND CREATIVE ABILITIES - TABLE 43 BATTERY A
SALT LAKE CITY - UNIV UTAH 1967 - PEARSON R'S

N=274

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

V#	1	2	3	4	5	6	7	8	H ²
FACTOR 1: O2;F1 CRYSTALLIZED INTELL. ....2C; ORDER 2									
FACTOR 2: O1;F1 VERBAL ABILITY .....V; ORDER 1									
1 +#8 VOCABULARY .....	.74	.32	-.09	-.08	.00	-.01	-.05	-.07	.67
2 -#4 SENTENCE GESTALT(OMITS) .	.46	.28	-.25	.04	-.06	.03	-.054	.315	.45
3 +#6 TWO-WAY ASSOC'NS (# WDS)	.59	.25	-.08	-.03	.00	.02	.13	-.07	.44
4 +22 WORD ASSOCIATION(#WDS ...	.73	.25	.11	-.06	.17	-.11	-.10	.14	.68
5 +53 COMPLETION(#CORRECT LTRS)	.67	.24	.03	-.03	-.14	.05	-.10	-.07	.55
6 +#2 NAMING STATES (# WRITTEN)	.66	.22	.03	.10	-.10	-.05	.10	-.04	.52
7 +#3 SENTENCE GESTALT(# WDS) .	.62	.21	.00	.08	.00	.04	.02	-.13	.45
8 +26 WORD STORY(INTEREST) ....	.52	.21	-.05	.09	.01	-.01	-.03	.14	.34
9 +#5 SUFFIXES (# ACCEPTED WDS)	.53	.20	.03	.05	.10	-.23	.00	.26	.46
10 +29 VERBAL CLASSIF'N(# RESPS	.61	.19	.09	-.04	.04	.07	.03	-.14	.44
11 +38 REVISION I(#CORRECT S-O'S	.65	.19	.09	.13	.01	.13	.09	-.03	.51

12 +33 PLOT TITLES(# CLEVER ....	.46	.16	.05	-.06	.09	-.11	-.25	-.06	.33
13 +21 TELEGRAM WR.II(RATIO SCR)	.23	.13	-.09	-.05	.09	.14	.07	.06	.12
14 +54 COMPOUNDING WDS II(#ACC.)	.46	.13	.16	-.12	.00	-.12	-.05	-.00	.28
15 +12 SPEECH SOUND DISCRIMINATN	.35	.13	.01	.04	-.17	.09	-.14	.08	.21
16 +31 LETTER STAR II(# 2-3 RESP	.56	.12	.20	.11	.04	-.03	-.09	.15	.42
17 +42 REVISION II(RATIO SCORE)	.32	.12	-.04	.10	-.06	.17	-.14	.02	.18
18 +35 COMPOUNDING WDS I(# "SEA"	.22	.10	.01	-.11	-.13	-.05	.20	.09	.13

FACTOR 3: O1:F2 IDEATIONAL FLUENCYFI; ORDER 1

19 +46 BRICK USES(# ACC. USES)..	.27	-.09	.57	-.03	-.11	.11	-.034	.345	.55
20 +43 SIMILES III(# 1ST PHRASE)	.23	-.12	.57	.01	.00	.07	-.04	.26	.47
21 +28 SIMILES II(ACC 2-3RD RESP	.48	.00	.55	-.24	.07	-.10	.00	.00	.61
22 +32 PLOT TITLES(# NONCLEVER .	.29	-.11	.55	.01	.02	.05	.03	-.08	.41
23 +36 SENTENCE FLUENCY(# SENTS)	.50	.01	.49	-.02	-.03	-.02	.04	.11	.50
24 +#7 SIMILES I (# ACCEPTABLE).	.48	.01	.47	-.13	.13	-.10	.26	-.14	.58
25 +44 SIMILES III(# 2ND PHRASE)	.27	-.05	.45	-.04	.14	.05	.014	.345	.42
26 +10 TOPICS (IDEATIONAL FLUNCY	.45	.01	.44	-.08	.04	.12	.04	.04	.42
27 +59 THEME (#WRDS WRITTEN) ...	.50	-.01	.44	.14	-.17	-.05	-.19	-.07	.53
28 +25 WORD STORY (#WDS USED) ..	.47	.00	.39	.07	-.06	.03	.06	-.19	.42
29 +48 SENTENCE BUILDING(#SENTS)	.47	-.01	.37	.284	-.345	-.04	.04	.04	.55
30 +47 BRICK USES(#CAT.CHANGES)	.33	-.00	.34	.01	-.03	.01	-.22	.12	.29
31 +49 SENTENCE BUILDING(#SENTS)	.36	-.02	.32	.18	-.02	-.10	-.08	.06	.28
32 +#9 LETTER STAR I51	.03	.31	.26	-.01	-.04	.14	.00	.44
33 -61 SKIMMING EXERCISE(# IND'D	.52	.06	.29	.04	-.20	.02	.00	-.21	.45

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(CONTINUED)

V#	1	2	3	4	5	6	7	8	H^2
FACTOR 4: 01;F3 EXPRESSIONAL FLUENCYFE; ORDER 1									
34 +30 LETTER STAR II(# 1ST RESP	.32	-.00	.09	.49	.14	-.02	.08	-.07	.39
35 +52 LETTER STAR III(#2ND PHR.	.50	.03	.24	.39	.07	-.13	.02	.01	.48
36 +51 LETTER STAR III(#1ST PHR.	.51	.05	.24	.35	.10	.01	.03	.14	.48
37 +41 REVISION II(#WDS USED)...	.32	.02	.15	.28	-.07	.15	-.03	-.00	.23
38 +64 ABSTRACTJNG(#WDS/SUMMARY)	.34	.01	.19	.26	-.13	-.01	-.14	-.07	.26
FACTOR 5: 01;F4 UNINTERPRETED .....I0; ORDER 1									
39 +17 TELEGRAM WRITNG(#WDS USED	.09	-.00	.02	.13	.564	.485	-.12	-.04	.58
40 +#1 NAMING NAMES .....	.58	.11	.23	.10	.25	.05	.07	-.01	.48
41 +13 AUDITORY RETENTION .....	.36	.12	.05	-.04	-.46	.02	-.07	-.09	.37
FACTOR 6: 01;F5 WRITING ABILITY .....WA; ORDER 1									
42 +16 TELEGRAM WRITNG I(# IDEAS	.45	.17	.03	-.114	.415	.74	.01	-.01	.97

43 +18 TELEGRAM WRITNG(RATIO SCR	.30	.13	-.02	-.04	.06	.47	.13	.06	.35
44 +20 TELEGRAM WRITNG II(#WDS)	.04	-.01	.03	.08	.08	.20	-.06	.05	.06

FACTOR 7: O1;F7 ORIGINALITYFO; ORDER 1

45 +14 CONSEQUENCES (ORIGINALITY	.25	-.044	.375	.00	-.13	.03	.47	.10	.45
46 +27 SIMILES I1(ACC.1ST RESPS	.41	.03	.25	.10	.10	-.04	.37	-.11	.40
47 +15 CONSEQUENCES(# ACCEPTABLE	.53	.084	.325	-.06	.02	-.01	-.43	.02	.59

FACTOR 8: O1;F6 WORD FLUENCYFW; ORDER 1

48 +50 FIRST & LAST LETTERS(#WDS	.33	.13	.01	.13	-.07	-.04	.22	.48	.43
49 +34 COMPOUNDING WDS I(# "MAN"	.16	.06	.06	-.10	-.05	-.00	.03	.15	.07
50 +39 REVISION I(#WRONG S-O'S)	.01	-.03	.05	.06	.02	.09	.10	-.19	.06
51 +62 OUTLINTNG I(# IMP.IDEAS)	.43	.05	.18	.11	-.03	.10	.00	-.34	.36

SMSQ:10.38 .87 3.76 1.17 1.25 1.35 1.09 1.21 21.08

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