

GUIL36

GUILFORD JP/LACEY JI (EDS) - PRINTED CLASSIFICATION TESTS  
WASHINGTON: GPO 1947 (AAF AVIAT PSYCHOL REPORT #5  
TABLE 11.19 P.262: MEMORY BATTERY I. PEARSON R'S  
MALE 'CLASSIFIED BOMBARDIERS' - MUCH INCOMPLETE DATA

N=179

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

V#	1	2	3	H^2
FACTOR 1: O2;F1 GEN'L COGNITIVE ABILITY .2G; ORDER 2				
FACTOR 2: O1;F1 FLUID/CRYSTAL'D INTELL....GH; ORDER 1				
1 +#6 READING CMPRHNSION/AC10D/PT II	.42	.70	-.03	.66
2 +#7 ARITHMETIC REASONING	.28	.49	-.04	.32
3 +#8 MAP MEMORY/CI505AX1	.51	.474	.335	.59
4 +14 MEMORY FOR TACTICAL PLANS	.26	.42	-.01	.25
5 +11 MAP MEMORY/CI505AX3	.42	.40	.26	.41
6 +#5 MECH. COMPREHNSION/AC10D/PT VI	.31	.29	.20	.23
7 +13 MEMORY FOR LANDMARKS	.26	.26	.15	.16
FACTOR 3: O1;F2 VISUALIZATION .....VZ; ORDER 1				
8 +#1 SPEED OF IDENTIFICATION	.31	-.09	.57	.43
9 +#2 SPATIAL ORIENTATION	.36	.01	.55	.42
10 +#3 SPATIAL ORIENTATION II	.43	.12	.55	.49
11 +12 MEMORY FOR PLANE SILHOUETTES	.34	.07	.47	.34
12 +#4 SAM COMPLEX COORDINATION	.28	.18	.26	.18

SMSQ: 1.53 1.50 1.46 4.49

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

HF # 1ST-ORD FACTOR	1	H^2
FACTOR 1: O2;F1 GEN'L COGNITIVE ABILITY .2G; ORDER 2		
HF 2 O1;F1 FLUID/CRYSTAL'D INTELL....GH	.54	.29
HF 3 O1;F2 VISUALIZATION .....VZ	.54	.29

SMSQ: .57 .57