

SKEH01

SKEHAN P

MEMORY; LANGUAGE APTITUDE AND SECOND LANGUAGE PERFORMANCE

POLYGLOT 1980 2(FICHE 3) D11-E14

INPUT = HIS 4-FACTOR MATRIX (ACTUALLY PF)

ADULTS TAKING ARABIC IN ROYAL ARMY EDUC CORPS

N=52

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

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

V#	1	2	3	H^2
FACTOR 1: O2;F1 CRYSTALLIZED INTELL. ....2C; ORDER 2				
FACTOR 2: O1;F1 ASSOCIATIVE MEMORY .....MA; ORDER 1				
1 +#7 PERSIAN-ENGLISH (PAIR.ASSOC.)	.37	.52	-.18	.44
2 +#2 AH NUMERICAL (INTELLIGENCE) ..	.71	.50	.16	.77
3 +#1 AH VERBAL (INTELLIGENCE) .....	.60	.47	.08	.60
4 +13 SECONDARY MEMORY - RECENCY ...	.53	.43	.06	.47
5 +#4 MLAT PART 5 - PAIRED ASSOCS...	.38	.43	-.07	.33
6 +#8 FINNISH (RESPONSE INTEGRATION)	.45	.37	.05	.34
7 -12 PRIMARY MEMORY - RECENCY .....	.03	.10	-.07	.02
FACTOR 3: O1;F2 GRAMMATICAL SENSITIVITY ..MY; ORDER 1				
8 +#9 AGE .....	.124	-.465	.57	.55

HF # 1ST-ORD FACTOR	1	H^2
FACTOR 1: O2;F1 CRYSTALLIZED INTELL. ....2C; ORDER 2		
HF 2 O1;F1 ASSOCIATIVE MEMORY .....MA	.73	.54
HF 3 O1;F2 GRAMMATICAL SENSITIVITY ..MY	.73	.54
SMSQ: 1.08 1.08		

9	+ #6 RULES OF GOOSE .....	.53	.02	.47	.50
10	+ #3 MLAT PART 4 - WORDS IN SENTS.	.64	.13	.46	.64
11	+10 EDUCATION .....	.36	-.13	.46	.36
12	+ #5 RULES OF INDONESIAN .....	.49	.05	.40	.40
13	+11 PRIMARY MEMORY - SPAN (WORDS).	.46	.14	.29	.32

SMSQ: 2.92 1.52 1.29 5.73

