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THURSTONE LL - M&F HS SENIORS
EXPERIMENTAL STUDY OF SIMPLE STRUCTURE
PSYCHOMETRIKA 1940 5 153-168
TABLE 2 163-165; PEARSON R'S

N=210

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

V#	1	2	3	4	5	6	7	8	9	10	H^2
FACTOR 1: O2; F1 GEN'L COGNITIVE ABILITY ..2G; ORDER 2											
FACTOR 2: O1; F2 INDUCTIVE REASONING .....I; ORDER 1											
1 +14 LETTER SERIES .....	.69	.24	-.10	-.06	.25	-.02	-.00	.01	.06	.02	.62
2 +19 NUMBER PATTERNS ....	.63	.22	.064	-.305	-.06	.22	-.01	.22	.06	-.02	.65
3 +15 MARKS .....	.52	.21	.00	-.24	.02	.05	.09	.00	-.05	-.03	.38
4 +21 PATTERNS .....	.52	.19	.04	.01	.05	-.01	.01	-.20	.05	.02	.35
5 +13 LETTER GROUPING ....	.59	.19	-.00	.05	.25	-.01	-.08	.03	-.08	.02	.47
6 +#8 FIGURE GROUPING ....	.47	.18	.09	-.04	.02	-.04	-.04	.01	-.10	-.04	.28
7 +#2 AREAS .....	.56	.14	.03	.02	-.03	.12	.09	.04	.20	.08	.41
FACTOR 3: O1; F4 SPATIAL RELATIONS .....SR; ORDER 1											
8 +#9 FIGURES .....	.48	.01	.76	-.01	.02	-.01	-.04	.02	-.06	-.02	.82
9 +#4 CARDS .....	.45	.03	.60	-.09	-.03	.07	.01	-.04	.14	-.01	.60

10 +31 SQUARES52 .03 .39 .14 .02 -.08 .04 .044 .315 -.22 .60

FACTOR 4: O1;F3 PERCEPTUAL SPEEDP; ORDER 1

11 +29 SCATTERED X'S43 .00 .05 .60 -.07 .11 -.03 -.03 .28 .03 .64

12 +11 IDENTICAL NUMBERS .. .42 .02 -.07 .60 .03 .04 .05 .07 .03 -.05 .55

13 +27 REPEATED LETTERS55 .09 .08 .49 -.01 -.02 .03 -.02 -.01 -.00 .56

FACTOR 5: O1;F1 VERBAL ABILITYV; ORDER 1

14 +22 PROVERBS36 -.02 .07 .02 .75 .01 .09 -.01 -.05 -.13 .73

15 +28 SAME-OPPOSITE (R) .. .42 -.02 .08 .00 .68 .26 -.00 .08 -.04 .08 .73

16 +#5 COMPLETION..... .43 -.02 .16 .05 .57 .21 .03 -.01 .09 .13 .61

17 +#6 DIRECTIONS57 .11 -.05 -.06 .56 .02 -.01 .03 .14 -.03 .68

18 +32 VERBAL ANALOGIES44 .07 .05 -.09 .50 .04 -.05 -.08 .27 .07 .55

19 +24 REASONING I28 .01 -.05 -.05 .50 -.04 .01 .01 .23 -.09 .40

20 +26 REASONING III34 .03 .01 .02 .49 .05 -.13 -.07 .22 -.01 .44

21 +35 WORD PATTERNS48 .10 -.04 .03 .47 .06 .05 -.10 .01 .03 .49

22 +25 REASONING II20 .00 -.02 -.00 .41 -.15 .01 -.024 .345 .09 .35

23 +30 SPELLING30 .06 -.12 .08 .39 -.01 .03 .12 -.07 .24 .34

FACTOR 6: O1;F8 PERCEPTUAL SPEED(ALT)P; ORDER 1

24 +33 VERBAL ENUMERATION . .36 .03 -.08 .01 .10 .66 .01 .01 -.04 -.03 .58

25 +10 IDENTICAL FORMS54 .13 .06 .10 -.05 .44 -.02 -.18 .00 -.06 .56

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TABLE 2 163-165; PEARSON R'S

N=210

(CONTINUED)

V#	1	2	3	4	5	6	7	8	9	10	H ²
FACTOR 7: O1;F7 ASSOCIATIVE MEMORYMA; ORDER 1											
26 +12 INITIALS RECALL ....	.29	.01	-.02	-.06	.00	.07	.69	-.01	.01	.06	.57
27 +34 WORD NUMBER .....	.28	.01	.04	.09	.02	-.10	.55	.01	-.02	-.08	.40
FACTOR 8: O1;F5 NUMERICAL FACILITY .....N; ORDER 1											
28 +18 MULTIPLICATION .....	.42	.00	.03	.04	.04	.10	.02	.80	.02	.01	.84
29 +#1 ADDITION .....	.40	.09	-.01	.01	-.05	-.11	-.02	.63	.01	.05	.58
FACTOR 9: O1;F6 REASONING .....RG; ORDER 1											
30 +16 MECHANICAL MOVEMENTS	.24	-.05	.24	.02	.08	-.03	.02	.01	.55	.04	.43
31 +#3 ARITHMETIC .....	.44	.01	.06	-.09	.27	.01	.044	.325	.49	-.04	.63
32 +20 NUMBER SERIES .....	.51	.08	-.02	.04	.27	-.07	-.10	.19	.45	-.12	.62
FACTOR 10: O1;F9 WORD FLUENCY .....FW; ORDER 1											
33 +#7 DISARRANGED WORDS ..	.62	.22	-.01	.09	.09	.03	-.02	.05	-.09	.51	.72

