

CURE 12

CURETON E.E.
 A FACTOR ANALYSIS OF PROJECT TALENT TESTS
 AND FOUR OTHER TEST BATTERIES
 PALO ALTO- PROJECT TALENT OFFICE AIR;U PITTSBURGH 1968
 TABLE 6 .8PF - GIRLS H.S.JUNIORS (PRO TALENT TESTS;AS SENIORS (OTHER TESTS)

N=286

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

| V# | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | H^2 |
|----|---|-----|-----|------|------|-------|------|------|------|------|------|-----|
| | FACTOR 1: O2;F1 CRYSTALLIZED INTELL.2C; ORDER 2 | | | | | | | | | | | |
| | FACTOR 2: O1;F1 VERBAL ABIL & INFORMATION .V; ORDER 1 | | | | | | | | | | | |
| 1 | +83 SOC STUD (INFO;MAP) =EHSCB 3 | .77 | .39 | -.03 | .01 | -.06 | .11 | -.10 | .04 | .04 | -.01 | .77 |
| 2 | +2 LITERATURE INFO (TALENT R103) | .74 | .37 | .01 | -.03 | .04 | .08 | -.07 | -.12 | .01 | -.02 | .71 |
| 3 | +4 SOCIAL STUDIES INFO (R105) ... | .68 | .36 | -.07 | .03 | -.02 | .08 | -.04 | -.04 | -.05 | .01 | .61 |
| 4 | +1 VOCABULARY (TALENT R102+R162) | .80 | .33 | .14 | -.03 | -.12 | .16 | -.05 | -.11 | -.01 | .00 | .83 |
| 5 | +82 SCIENCE/INFO;REAS'G =EHSCB 2 | .76 | .33 | .08 | -.04 | -.11 | .23 | -.02 | -.00 | .05 | -.02 | .76 |
| 6 | +6 PHYSICAL SCI INFO (R107) | .61 | .33 | -.02 | -.13 | .01 | .22 | .00 | -.05 | .15 | -.04 | .57 |
| 7 | +7 BIOL SCI INFO (TALENT R108) .. | .63 | .32 | .03 | -.10 | -.01 | .09 | -.08 | -.03 | .00 | -.01 | .53 |
| 8 | +19 BIBLE INFO R142.. | .61 | .32 | .02 | -.09 | -.01 | .07 | -.10 | .04 | -.02 | .00 | .50 |
| 9 | +47 REASONING (VERBAL) ... FACT 4. | .57 | .32 | -.02 | -.03 | .024 | .365 | -.03 | .124 | .475 | .04 | .80 |
| 10 | +48 VOCABULARYFACT 5.. | .75 | .31 | .15 | -.01 | -.02 | .11 | -.07 | -.23 | .16 | -.07 | .78 |
| 11 | +18 ACCT'G;BUSNS;SALES INFO R139 . | .59 | .30 | -.03 | -.00 | -.12 | .13 | -.02 | -.02 | .01 | -.00 | .47 |
| 12 | +14 SPORTS INFO R115 .. | .58 | .30 | -.11 | .15 | .10 | .12 | -.01 | .10 | -.01 | -.00 | .50 |
| 13 | +31 READING COMPREHENSION ...R250. | .75 | .29 | .12 | -.03 | .04 | .26 | .01 | .03 | -.04 | .00 | .74 |
| 14 | +5 MATH INFO VERBAL (R106) | .62 | .29 | .03 | .03 | -.024 | .375 | .01 | .024 | .445 | -.01 | .80 |
| 15 | +9 AERON.& SPACE INFOR R110..... | .44 | .29 | -.13 | -.02 | .04 | .05 | -.01 | -.14 | .03 | .02 | .32 |
| 16 | +16 LAW INFOR132.. | .53 | .29 | -.06 | .02 | -.12 | .07 | -.06 | .03 | -.01 | .03 | .39 |
| 17 | +84 READING(STORY) =EHSCB 4A. | .63 | .28 | .02 | -.01 | .03 | .18 | -.03 | .15 | -.06 | .01 | .54 |
| 18 | +61 VERBAL REASONING DAT 1 .. | .75 | .28 | .18 | -.07 | -.124 | .385 | .04 | .03 | .10 | .03 | .85 |
| 19 | +50 JUDGMENT/COMPREH PARS. FACT 7. | .64 | .28 | .03 | -.03 | -.044 | .315 | .06 | .09 | .01 | .02 | .60 |
| 20 | +15 ART INFO R131 .. | .64 | .27 | .07 | .00 | -.02 | .07 | .01 | -.25 | -.13 | .00 | .57 |
| 21 | +37 ARITH. REASONING R311 .. | .55 | .26 | .02 | -.03 | -.054 | .375 | .00 | .24 | .26 | .02 | .63 |
| 22 | +32 CREATIVITY/PROBLEM R260.. | .56 | .26 | -.01 | .02 | .25 | .23 | .07 | -.07 | .00 | .05 | .51 |
| 23 | +72 VOCABULARY (SAME-OPP ..=GATB 4 | .80 | .25 | .25 | .10 | -.10 | .17 | -.07 | -.07 | .05 | -.03 | .83 |
| 24 | +17 HEALTH INFOR133... | .53 | .24 | .10 | .01 | -.24 | .11 | -.09 | -.01 | .04 | .12 | .44 |
| 25 | +86 BUSINESS DEFIN'S ...=EHSCB 4C | .51 | .23 | -.01 | .04 | -.12 | .16 | .03 | .03 | -.05 | -.01 | .36 |
| 26 | +10 ELECT'Y/ELECTRONICS INFO R111. | .32 | .22 | -.16 | .06 | -.09 | .08 | .02 | -.00 | .04 | -.01 | .20 |
| 27 | +54 INGENUITY (PROBLEM) .. FACT 11 | .57 | .21 | .07 | .05 | -.09 | .23 | .07 | -.02 | -.05 | .01 | .45 |
| 28 | +21 OUTDOOR ACTIV;OTHER INFO R147. | .46 | .21 | .00 | .00 | -.12 | .19 | .06 | -.06 | -.02 | .03 | .31 |
| 29 | +12 FARMING INFO (TALENT R113).... | .55 | .21 | .02 | .07 | -.29 | .17 | .08 | .03 | -.21 | -.04 | .52 |
| 30 | +87 USE OF REFERENCES ..=EHSCB 4D | .62 | .20 | .16 | .05 | -.01 | .23 | .00 | .00 | .05 | .02 | .51 |
| 31 | +3 MUSIC INFO (TALENT R104) | .64 | .20 | .20 | .04 | .02 | .12 | -.02 | -.11 | -.04 | -.04 | .53 |
| 32 | +30 WORD FUNCTIONS <MLAT .. R240 . | .61 | .19 | .22 | .00 | .084 | .395 | .03 | .06 | .19 | .11 | .66 |
| 33 | +8 SCIENTIFIC ATTITUDE R109..... | .49 | .18 | .08 | -.02 | -.04 | .20 | .02 | .10 | -.04 | -.01 | .33 |
| 34 | +45 MECHANICSFACT 2... | .22 | .15 | -.08 | .06 | .01 | .13 | .03 | -.04 | .10 | .13 | .13 |

CURETON E.E.
 A FACTOR ANALYSIS OF PROJECT TALENT TESTS
 AND FOUR OTHER TEST BATTERIES
 PALO ALTO- PROJECT TALENT OFFICE AIR;U PITTSBURGH 1968
 TABLE 6 .8PF - GIRLS H.S.JUNIORS (PRO TALENT TESTS;AS SENIORS (OTHER TESTS))

N=286

(CONTINUED)

| V# | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | H^2 |
|---|-------------------------------------|-----|------|------|------|-------|------|-------|------|------|------|-----|
| FACTOR 3: O1;F2 SPELLING/ENG LANG USAGE ..SP; ORDER 1 | | | | | | | | | | | | |
| 35 | +91 SPELLING | .60 | .02 | .57 | -.01 | -.06 | .15 | -.12 | -.04 | -.01 | .03 | .73 |
| 36 | +67 SPELLING | .51 | -.02 | .55 | .01 | -.15 | .12 | -.11 | .00 | -.02 | -.05 | .61 |
| 37 | +25 SPELLING | .44 | -.01 | .48 | -.02 | .07 | .09 | -.13 | .00 | -.01 | .04 | .46 |
| 38 | +24 DISGUISED WORDS <MLAT .. | .59 | .07 | .43 | .08 | .05 | .20 | -.00 | -.18 | .00 | .04 | .62 |
| 39 | +56 EXPRESSION (ENG) ... | .67 | .10 | .42 | -.00 | -.04 | .29 | .02 | -.04 | .00 | -.04 | .73 |
| 40 | +68 SENTENCES (FIND ERRORS=DAT 7-II | .68 | .11 | .41 | .02 | -.05 | .27 | -.03 | .01 | .05 | -.04 | .72 |
| 41 | +27 PUNCTUATION | .57 | .08 | .38 | -.00 | -.124 | .385 | .03 | .05 | .12 | .04 | .65 |
| 42 | +90 CAPITAL'N/PUNCT'N ..=EHSCB 4G | .49 | .02 | .35 | .04 | -.00 | .26 | -.00 | .25 | -.14 | .02 | .51 |
| 43 | +89 LANGUAGE USAGE | .64 | .16 | .34 | -.07 | .03 | .26 | -.05 | .01 | .08 | .04 | .63 |
| 44 | +28 USAGE (ENGLISH) | .54 | .09 | .32 | -.03 | -.01 | .19 | -.02 | .01 | -.03 | -.06 | .45 |
| 45 | +26 CAPITALIZATION | .46 | .01 | .30 | .17 | .09 | .21 | .06 | .05 | -.19 | .07 | .43 |
| 46 | +85 VOCABULARY | .68 | .18 | .25 | .03 | -.03 | .23 | .03 | -.05 | -.02 | -.07 | .62 |
| 47 | +29 EFFECTIVE EXPRESSION .. | .50 | .14 | .22 | -.10 | .05 | .15 | -.01 | -.08 | -.06 | -.02 | .36 |
| FACTOR 4: O1;F4 PERCEPTUAL SPEED | | | | | | | | | | | | |
| 48 | +46 TABLES | .37 | -.01 | .09 | .56 | .10 | .21 | .07 | .25 | .01 | .03 | .58 |
| 49 | +44 INSPECTION<IDENT.FMS FACT 1... | .23 | -.04 | -.01 | .55 | .04 | .22 | .24 | -.05 | -.09 | .02 | .48 |
| 50 | +66 CLER SPD/ACCURACY ... | .28 | .00 | .02 | .54 | .25 | .04 | .01 | .15 | -.01 | -.01 | .46 |
| 51 | +69 NAME COMPAR'N<MINN ... | .50 | .01 | .25 | .53 | .04 | .12 | -.01 | .00 | .10 | -.04 | .62 |
| 52 | +73 TOOL MATCHING (SPD) .. | .36 | .00 | .09 | .48 | .01 | .18 | .12 | .03 | -.00 | -.03 | .41 |
| 53 | +75 FORM MATCHING | .26 | -.08 | .14 | .48 | -.06 | .29 | .26 | -.15 | -.02 | .05 | .50 |
| 54 | +53 ARITHMETIC COMP. | .42 | .01 | .18 | .48 | -.03 | .27 | -.034 | .365 | .26 | -.00 | .71 |
| 55 | +55 SCALES (GRAPH READ'G).. | .36 | .03 | .03 | .36 | -.044 | .435 | .25 | .18 | .02 | .03 | .55 |
| 56 | +70 COMPUTATION | .52 | .07 | .20 | .34 | -.014 | .355 | .014 | .315 | .28 | -.04 | .72 |
| 57 | +57 ALERTNESS/PICT DANGER.. | .29 | .13 | -.22 | .33 | .04 | .10 | .19 | .01 | -.29 | .01 | .39 |
| 58 | +42 CLERICAL CHECK'G <MINN. F430.. | .27 | -.01 | .19 | .23 | .02 | .08 | -.01 | .01 | .02 | .03 | .17 |
| FACTOR 5: O1;F7 ASSOCIATIVE MEMORY | | | | | | | | | | | | |
| 59 | +23 MEMORY FOR WORDS | .44 | .16 | .15 | -.18 | .39 | .20 | -.00 | .02 | .02 | .01 | .46 |
| 60 | +22 MEMORY FOR SENTENCES .. | .37 | .14 | .02 | .04 | .38 | .13 | -.01 | .20 | -.02 | -.03 | .36 |
| 61 | +60 MEMORY (CODE MEMORY) . | .46 | .19 | -.03 | .02 | .30 | .22 | .02 | .28 | -.01 | -.09 | .47 |
| 62 | +41 TABLE READING | .12 | -.11 | .18 | .26 | .29 | .16 | .08 | .12 | -.13 | .12 | .29 |
| 63 | +11 MECHANICS INFO R112 | .33 | .14 | -.02 | -.05 | -.25 | .21 | .15 | -.03 | -.21 | .04 | .31 |
| 64 | +13 HOME ECONOMICS INFO R114..... | .32 | .05 | .14 | .03 | -.37 | .27 | .15 | -.00 | -.18 | .10 | .40 |

A FACTOR ANALYSIS OF PROJECT TALENT TESTS
AND FOUR OTHER TEST BATTERIES
PALO ALTO- PROJECT TALENT OFFICE AIR;U PITTSBURGH 1968
TABLE 6 .8PF - GIRLS H.S.JUNIORS(PRO TALENT TESTS;AS SENIORS (OTHER TESTS)

N=286

(CONTINUED)

| V# | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | H^2 |
|---|-------------------------------------|------|------|-------|------|------|------|------|------|------|------|-----|
| FACTOR 6: O2;F2 BROAD VISUAL PERCEPTION ..2V; ORDER 2 | | | | | | | | | | | | |
| FACTOR 7: O1;F3 VISUALIZATIONVZ; ORDER 1 | | | | | | | | | | | | |
| 65 | +64 SPACE RELAT'NS = DAT 44 | .315 | .05 | -.01 | .04 | .00 | .63 | .43 | .05 | .01 | -.05 | .69 |
| 66 | +71 THREE-DIM SPACE = GATB 3 4 | .315 | .00 | -.00 | .27 | -.03 | .49 | .40 | -.03 | -.05 | -.07 | .58 |
| 67 | +35 VISUAL'N 3 DIMENSIONS R282 .. | .22 | .09 | -.10 | -.02 | .13 | .52 | .36 | .01 | .03 | .01 | .48 |
| 68 | +58 PATTERNS(COPY)FACT 17.. | .24 | .00 | .01 | .14 | -.01 | .49 | .32 | .11 | .03 | -.05 | .44 |
| 69 | +49 ASSEMBLY (3-DIM FM BD..FACT 6. | .28 | .08 | -.08 | .15 | -.12 | .46 | .32 | .07 | -.00 | .00 | .44 |
| 70 | +51 COMPONENTS<HIDDEN FIGS FACT 8. | .28 | .01 | .06 | .17 | .04 | .42 | .30 | -.12 | .04 | -.01 | .39 |
| 71 | +33 MECH'L REASON'G <BENNETT R270.4 | .375 | .13 | .01 | -.06 | .05 | .45 | .28 | -.05 | -.10 | .09 | .46 |
| 72 | +34 VISUAL'N 2 DIMENSIONS R281... | .20 | -.01 | .08 | .08 | .02 | .43 | .26 | .01 | .08 | .00 | .31 |
| 73 | +65 MECH'L REAS'G(BENNETT)= DAT 4.4 | .445 | .18 | -.01 | -.04 | -.00 | .45 | .24 | .05 | -.08 | .09 | .51 |
| 74 | +36 ABST.REAS'G (MATRICES) ..R290.4 | .445 | .14 | .06 | .03 | .11 | .47 | .20 | .08 | .06 | .11 | .51 |
| 75 | +43 OBJ INSPCT'N<IDENT.FMS F440.. | .08 | -.06 | .05 | .20 | .23 | .22 | .20 | -.08 | -.08 | .13 | .22 |
| 76 | +63 ABST REAS'G/FIG CLASS'N=DAT 3.4 | .495 | .13 | .14 | -.03 | .12 | .50 | .19 | .15 | .04 | .04 | .61 |
| FACTOR 8: O1;F8 NUMERICAL FACILITYN; ORDER 1 | | | | | | | | | | | | |
| 77 | +40 ARITHMETIC COMPUTATION ..F410.4 | .435 | -.01 | .27 | .24 | .01 | .28 | .01 | .35 | -.00 | -.01 | .52 |
| 78 | +59 CODING (MEM CODES) ... FACT 184 | .305 | .12 | -.00 | .16 | -.01 | .12 | -.05 | .23 | .01 | .13 | .22 |
| 79 | +52 PLANNING (REARRNGMNT .. FACT 94 | .515 | .14 | .13 | .02 | .04 | .25 | .05 | .22 | -.13 | -.03 | .43 |
| 80 | +88 LITERATURE ACQUAINT =EHSCB 4E 4 | .335 | .14 | .08 | .05 | -.14 | -.01 | -.06 | -.21 | .09 | .00 | .21 |
| FACTOR 9: O1;F5 MATHEMATICAL KNOWLEDGE ...KM; ORDER 1 | | | | | | | | | | | | |
| 81 | +39 ADVANCED MATH R333 ..4 | .345 | .18 | -.02 | .03 | .22 | .28 | .02 | -.02 | .49 | -.05 | .53 |
| 82 | +81 MATHEMATICS -=EHSCB 14 | .625 | .28 | .00 | .10 | .01 | .40 | .01 | .17 | .46 | -.00 | .87 |
| 83 | +38 INTROD.MATHEMATICS ... R312 ..4 | .565 | .26 | .07 | -.02 | .07 | .41 | -.03 | .22 | .45 | .06 | .82 |
| 84 | +62 NUMERICAL ABIL DAT 2 .4 | .555 | .20 | .09 | .02 | .01 | .48 | .05 | .29 | .37 | -.02 | .81 |
| 85 | +74 ARITH REAS'G(VERBAL ..=GATB 6 4 | .545 | .17 | .08 | .18 | .01 | .44 | .034 | .325 | .35 | .03 | .78 |
| 86 | +20 HUNTING/FISHING INFO R145+146. | .09 | .04 | -.02 | -.01 | -.02 | -.05 | -.00 | -.00 | -.14 | -.06 | .04 |
| FACTOR 10: O1;F6 FINGER DEXTERITYP2; ORDER 1 | | | | | | | | | | | | |
| 87 | +78 PEG BOARD- TURN ... = GATB 10 | .11 | .04 | -.014 | .385 | -.01 | .15 | .01 | .03 | -.05 | .63 | .58 |
| 88 | +77 PEG BOARD- PLACE ... =GATB 9 . | -.00 | .00 | -.034 | .385 | .01 | .12 | -.01 | -.01 | .20 | .47 | .42 |
| 89 | +76 MARK MAKING=GATB 8 | .18 | -.01 | .174 | .375 | .08 | .04 | -.14 | .13 | .03 | .44 | .44 |
| 90 | +80 RIVET DISASSEMBLE ..=GATB 12 . | .08 | -.00 | .034 | .315 | -.02 | .26 | .09 | -.01 | .14 | .43 | .38 |
| 91 | +79 RIVET ASSEMBLE = GATB 11 | .15 | -.01 | .08 | .29 | -.03 | .32 | .15 | -.01 | .01 | .41 | .41 |

SMSQ:22.82 3.30 2.99 3.49 1.38 6.89 1.59 1.57 2.15 1.39 47.56