

Appendix G

Intelligence-Personality Relations

Table S3. Meta-analytic results describing personality traits' relations with general mental ability.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|-----------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 571 | 403,087 | -.07 | .09 | -.08 | .09 | -.20 | .04 | -.09 | -.07 |
| Withdrawal | 32 | 19,386 | -.12 | .08 | -.15 | .09 | -.26 | -.03 | -.18 | -.12 |
| Volatility | 18 | 9,386 | -.05 | .08 | -.06 | .08 | -.17 | .05 | -.10 | -.02 |
| Negative Affect | 18 | 6,453 | -.14 | .13 | -.16 | .14 | -.35 | .02 | -.22 | -.10 |
| Depression | 49 | 21,439 | -.14 | .10 | -.18 | .11 | -.32 | -.04 | -.21 | -.15 |
| Anxiety | 128 | 55,681 | -.06 | .16 | -.07 | .19 | -.31 | .17 | -.10 | -.04 |
| Anxiety (Test) | 42 | 9,293 | -.18 | .20 | -.20 | .22 | -.48 | .07 | -.26 | -.15 |
| Uneven Tempered | 100 | 396,668 | -.24 | .07 | -.29 | .07 | -.38 | -.19 | -.30 | -.27 |
| Suspiciousness | 36 | 11,119 | -.13 | .10 | -.17 | .11 | -.31 | -.03 | -.21 | -.13 |
| Agreeableness | 375 | 329,621 | -.01 | .08 | -.01 | .08 | -.12 | .09 | -.02 | -.01 |
| Compassion | 17 | 357,568 | .21 | .02 | .26 | .01 | .24 | .28 | .25 | .27 |
| Politeness | 15 | 7,747 | .00 | .08 | .00 | .08 | -.10 | .10 | -.05 | .04 |
| Tender Mindedness | 24 | 6,753 | -.04 | .08 | -.05 | .07 | -.14 | .04 | -.09 | -.02 |
| Nurturance | 29 | 11,264 | .02 | .11 | .02 | .12 | -.14 | .18 | -.02 | .06 |
| Cooperation | 22 | 9,513 | .00 | .06 | .00 | .04 | -.05 | .05 | -.02 | .03 |
| Lack of Aggression | 37 | 23,318 | .00 | .10 | .00 | .11 | -.14 | .13 | -.04 | .03 |
| Modesty | 21 | 18,561 | -.10 | .07 | -.13 | .07 | -.22 | -.03 | -.16 | -.10 |
| Non Manipulative | 46 | 14,658 | -.01 | .10 | -.02 | .11 | -.16 | .12 | -.05 | .02 |
| Conscientiousness | 369 | 345,165 | .01 | .09 | .01 | .09 | -.11 | .13 | .00 | .02 |
| Industriousness | 89 | 383,960 | .27 | .07 | .32 | .07 | .23 | .42 | .31 | .34 |
| Orderliness | 86 | 27,324 | -.04 | .12 | -.06 | .13 | -.22 | .11 | -.08 | -.03 |
| Achievement | 132 | 69,656 | .03 | .10 | .04 | .11 | -.10 | .18 | .02 | .06 |
| Persistence | 40 | 27,551 | .03 | .09 | .04 | .10 | -.08 | .17 | .01 | .07 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|-----|---------|------|-----|------|-----|------|------|------|------|
| Dependability | 81 | 31,994 | .12 | .15 | .16 | .19 | -.08 | .40 | .12 | .19 |
| Cautiousness | 72 | 380,929 | -.06 | .03 | -.08 | .04 | -.12 | -.03 | -.08 | -.07 |
| Order | 56 | 390,003 | .13 | .06 | .17 | .07 | .08 | .25 | .15 | .18 |
| Procrastination Avoidance | 13 | 2,836 | -.04 | .10 | -.05 | .09 | -.16 | .07 | -.10 | .01 |
| Extraversion | 502 | 393,929 | -.01 | .09 | -.02 | .10 | -.14 | .11 | -.02 | -.01 |
| Enthusiasm | 32 | 11,760 | .09 | .07 | .11 | .06 | .03 | .18 | .08 | .13 |
| Assertiveness | 11 | 2,061 | -.02 | .12 | -.03 | .12 | -.18 | .12 | -.10 | .05 |
| Dominance | 159 | 418,630 | .09 | .04 | .11 | .04 | .06 | .16 | .10 | .11 |
| Activity | 65 | 381,809 | .18 | .04 | .23 | .04 | .17 | .28 | .22 | .24 |
| Positive Emotionality | 36 | 13,273 | .03 | .10 | .04 | .11 | -.10 | .18 | .00 | .07 |
| Sociability | 138 | 420,900 | .08 | .07 | .10 | .08 | .00 | .20 | .09 | .11 |
| Sensation Seeking | 79 | 24,581 | .05 | .11 | .06 | .12 | -.09 | .21 | .04 | .09 |
| Openness | 368 | 280,446 | .21 | .11 | .26 | .12 | .11 | .42 | .25 | .27 |
| Experiencing | 69 | 375,122 | .17 | .04 | .22 | .05 | .16 | .28 | .21 | .23 |
| Intellect | 64 | 27,736 | .21 | .14 | .26 | .15 | .06 | .46 | .23 | .30 |
| Need for Cognition | 29 | 9,476 | .25 | .14 | .28 | .15 | .10 | .47 | .23 | .33 |
| Ideas | 83 | 27,990 | .31 | .14 | .40 | .16 | .20 | .60 | .37 | .43 |
| Curiosity | 12 | 9,400 | .14 | .11 | .17 | .13 | .01 | .33 | .10 | .23 |
| Introspection | 61 | 29,774 | .14 | .12 | .19 | .15 | .00 | .38 | .16 | .22 |
| Fantasy | 25 | 6,359 | .06 | .10 | .08 | .10 | -.04 | .20 | .04 | .12 |
| Aesthetics | 37 | 13,060 | .05 | .11 | .06 | .11 | -.08 | .21 | .03 | .10 |
| Non Traditional | 116 | 41,833 | .15 | .16 | .19 | .20 | -.06 | .45 | .16 | .23 |
| Variety Seeking | 44 | 26,897 | .03 | .10 | .04 | .12 | -.11 | .19 | .01 | .07 |
| Factor Alpha | 103 | 46,727 | .08 | .09 | .09 | .10 | -.04 | .22 | .07 | .11 |
| Factor Beta | 66 | 22,759 | .16 | .16 | .20 | .18 | -.04 | .43 | .16 | .24 |
| General Factor of Personality | 48 | 12,736 | .30 | .26 | .36 | .31 | -.03 | .76 | .29 | .44 |
| compound: Interpersonal Sensitivity | 21 | 9,855 | .16 | .13 | .20 | .15 | .01 | .39 | .14 | .26 |
| compound: Achievement via Independence | 44 | 14,096 | .30 | .17 | .37 | .19 | .12 | .61 | .32 | .42 |
| compound: Innovation | 12 | 2,071 | .07 | .09 | .08 | .06 | .00 | .16 | .03 | .13 |
| compound: Type A | 7 | 3,117 | .02 | .12 | .03 | .13 | -.15 | .20 | -.06 | .12 |
| compound: Managerial Potential | 17 | 7,831 | .22 | .11 | .27 | .12 | .11 | .43 | .21 | .32 |

| | | | | | | | | | | |
|---|-----|---------|------|-----|------|-----|------|-----|------|------|
| compound: Narcissism | 15 | 8,609 | .03 | .07 | .03 | .07 | -.05 | .12 | .00 | .07 |
| compound: Self Esteem | 127 | 434,320 | .20 | .06 | .25 | .07 | .15 | .34 | .23 | .26 |
| compound: Locus of Control | 55 | 56,951 | .18 | .14 | .23 | .18 | .00 | .46 | .19 | .27 |
| compound: Optimism | 32 | 17,077 | .11 | .10 | .13 | .11 | -.01 | .27 | .10 | .17 |
| compound: Routine Seeking | 30 | 11,759 | -.11 | .11 | -.13 | .12 | -.28 | .02 | -.17 | -.09 |
| compound: Resourcefulness | 3 | 1,153 | .01 | .11 | .01 | .12 | -.14 | .16 | -.12 | .13 |
| compound: Machiavellianism | 17 | 3,247 | .01 | .09 | .01 | .07 | -.08 | .10 | -.03 | .06 |
| compound: Self Monitoring | 6 | 3,501 | .10 | .08 | .12 | .09 | .01 | .24 | .05 | .19 |
| compound: Customer Service | 8 | 1,040 | .08 | .17 | .10 | .17 | -.12 | .32 | -.02 | .22 |
| compound: Stress Tolerance | 12 | 6,211 | .07 | .10 | .08 | .11 | -.05 | .22 | .03 | .14 |
| compound: Trust | 67 | 22,517 | .07 | .12 | .09 | .13 | -.08 | .25 | .06 | .12 |
| compound: Self Control | 55 | 36,714 | .01 | .08 | .01 | .08 | -.09 | .12 | -.01 | .04 |
| compound: Risk Taking | 11 | 3,975 | .02 | .06 | .03 | .03 | -.01 | .07 | -.01 | .06 |
| compound: Openness to Emotions | 18 | 5,408 | .04 | .14 | .06 | .16 | -.14 | .26 | -.01 | .12 |
| compound: Warmth | 88 | 29,337 | .01 | .12 | .01 | .13 | -.16 | .17 | -.02 | .03 |
| compound: Grandiosity and Intimidation | 8 | 4,245 | -.08 | .10 | -.11 | .12 | -.26 | .05 | -.19 | -.03 |
| compound: Ambition | 78 | 46,473 | .05 | .15 | .06 | .17 | -.16 | .29 | .03 | .10 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 22 | 5,147 | .03 | .19 | .04 | .22 | -.24 | .31 | -.05 | .12 |
| compound: Tolerance | 37 | 18,214 | .18 | .16 | .22 | .19 | -.02 | .47 | .17 | .28 |
| compound: Independ. of Conventions and Others | 21 | 15,450 | .10 | .06 | .13 | .07 | .05 | .22 | .10 | .16 |
| compound: Creative Personality | 16 | 16,860 | .20 | .10 | .25 | .11 | .11 | .40 | .20 | .30 |
| compound: Judging-Perceiving | 57 | 27,733 | -.08 | .09 | -.11 | .10 | -.24 | .03 | -.13 | -.08 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 100 | 48,693 | .09 | .12 | .11 | .14 | -.06 | .29 | .09 | .14 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S4. Meta-analytic results describing personality traits' relations with fluid ability.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 165 | 120,548 | -.08 | .09 | -.10 | .10 | -.23 | .03 | -.12 | -.09 |
| Withdrawal | 2 | 760 | -.06 | .12 | -.08 | .14 | -.26 | .11 | -.26 | .11 |
| Volatility | 2 | 1,107 | -.18 | .10 | -.23 | .12 | -.38 | -.08 | -.38 | -.07 |
| Negative Affect | 3 | 493 | -.05 | .09 | -.07 | .05 | -.13 | .00 | -.17 | .04 |
| Depression | 11 | 6,976 | -.13 | .08 | -.17 | .09 | -.29 | -.06 | -.22 | -.12 |
| Anxiety | 20 | 4,421 | -.02 | .09 | -.02 | .08 | -.12 | .07 | -.07 | .02 |
| Anxiety (Test) | 7 | 1,982 | -.23 | .11 | -.28 | .12 | -.43 | -.13 | -.36 | -.19 |
| Uneven Tempered | 66 | 75,137 | -.05 | .06 | -.06 | .06 | -.14 | .02 | -.07 | -.04 |
| Suspiciousness | 4 | 848 | -.13 | .07 | -.18 | .04 | -.23 | -.13 | -.26 | -.10 |
| Agreeableness | 99 | 79,433 | -.04 | .07 | -.04 | .07 | -.14 | .05 | -.06 | -.03 |
| Compassion | 42 | 41,967 | -.05 | .04 | -.07 | .02 | -.09 | -.04 | -.08 | -.06 |
| Politeness | 2 | 919 | .02 | .18 | .02 | .23 | -.28 | .32 | -.26 | .30 |
| Tender Mindedness | 43 | 41,702 | -.06 | .03 | -.08 | .00 | -.08 | -.08 | -.09 | -.07 |
| Nurturance | 8 | 2,573 | .00 | .07 | -.01 | .05 | -.07 | .05 | -.06 | .04 |
| Cooperation | 48 | 49,162 | -.02 | .06 | -.03 | .07 | -.13 | .06 | -.05 | -.01 |
| Lack of Aggression | 5 | 889 | .07 | .10 | .09 | .09 | -.03 | .20 | -.01 | .18 |
| Modesty | 5 | 1,683 | -.04 | .10 | -.05 | .12 | -.20 | .10 | -.15 | .05 |
| Non Manipulative | 53 | 71,738 | .07 | .09 | .09 | .12 | -.06 | .25 | .07 | .12 |
| Conscientiousness | 105 | 81,840 | -.11 | .10 | -.14 | .11 | -.28 | .00 | -.16 | -.12 |
| Industriousness | 9 | 2,080 | .03 | .10 | .03 | .10 | -.09 | .16 | -.04 | .10 |
| Orderliness | 24 | 32,898 | .05 | .08 | .07 | .10 | -.06 | .21 | .04 | .11 |
| Achievement | 58 | 46,660 | -.01 | .05 | -.02 | .04 | -.07 | .03 | -.03 | .00 |
| Persistence | 4 | 536 | .03 | .10 | .03 | .06 | -.04 | .11 | -.07 | .14 |
| Dependability | 65 | 48,126 | -.05 | .09 | -.07 | .11 | -.21 | .07 | -.09 | -.04 |
| Cautiousness | 12 | 2,772 | -.05 | .13 | -.07 | .14 | -.25 | .11 | -.14 | .01 |
| Order | 50 | 43,299 | -.25 | .07 | -.32 | .08 | -.42 | -.22 | -.34 | -.30 |
| Procrastination Avoidance | 1 | 697 | .01 | - | .01 | - | - | - | -.07 | .10 |
| Extraversion | 142 | 111,405 | .01 | .07 | .01 | .08 | -.10 | .11 | .00 | .02 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|-----|---------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | 3 | 1,687 | .00 | .05 | .00 | .03 | -.03 | .04 | -.05 | .06 |
| Assertiveness | 41 | 41,668 | .00 | .05 | .00 | .04 | -.05 | .06 | -.01 | .02 |
| Dominance | 83 | 75,193 | .05 | .05 | .06 | .05 | .00 | .12 | .05 | .07 |
| Activity | 47 | 42,613 | -.04 | .05 | -.06 | .05 | -.12 | .01 | -.07 | -.04 |
| Positive Emotionality | 3 | 491 | -.03 | .08 | -.04 | .04 | -.09 | .01 | -.14 | .06 |
| Sociability | 74 | 54,127 | -.07 | .08 | -.09 | .09 | -.21 | .02 | -.11 | -.07 |
| Sensation Seeking | 23 | 31,100 | .05 | .05 | .07 | .06 | -.01 | .14 | .04 | .09 |
| Openness | 116 | 102,353 | .07 | .06 | .09 | .07 | .00 | .17 | .07 | .10 |
| Experiencing | 20 | 30,392 | -.06 | .04 | -.08 | .04 | -.13 | -.02 | -.10 | -.05 |
| Intellect | 57 | 48,891 | .08 | .06 | .10 | .06 | .02 | .18 | .08 | .12 |
| Need for Cognition | 12 | 3,008 | .19 | .10 | .23 | .09 | .12 | .35 | .18 | .29 |
| Ideas | 54 | 44,000 | .17 | .05 | .22 | .03 | .18 | .27 | .21 | .24 |
| Curiosity | 4 | 1,171 | .11 | .29 | .15 | .37 | -.32 | .62 | -.16 | .46 |
| Introspection | 11 | 2,617 | .06 | .08 | .08 | .06 | .01 | .16 | .03 | .14 |
| Fantasy | 5 | 616 | .10 | .15 | .13 | .16 | -.08 | .34 | -.02 | .28 |
| Aesthetics | 5 | 1,178 | .02 | .07 | .02 | .03 | -.02 | .06 | -.04 | .09 |
| Non Traditional | 23 | 3,835 | .10 | .13 | .14 | .15 | -.05 | .33 | .08 | .21 |
| Variety Seeking | 12 | 2,197 | -.03 | .11 | -.04 | .12 | -.19 | .11 | -.11 | .04 |
| Factor Alpha | 17 | 3,431 | .04 | .13 | .05 | .14 | -.13 | .24 | -.02 | .12 |
| Factor Beta | 50 | 45,592 | .03 | .04 | .04 | .02 | .02 | .07 | .03 | .06 |
| General Factor of Personality | 43 | 41,718 | -.04 | .04 | -.05 | .03 | -.10 | -.01 | -.07 | -.04 |
| compound: Interpersonal Sensitivity | 5 | 1,028 | .07 | .16 | .10 | .20 | -.17 | .36 | -.07 | .26 |
| compound: Achievement via Independence | 5 | 629 | .24 | .11 | .32 | .07 | .22 | .41 | .22 | .42 |
| compound: Innovation | 45 | 43,221 | .05 | .03 | .06 | .01 | .04 | .08 | .05 | .07 |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | 2 | 214 | .01 | .16 | .02 | .17 | -.20 | .23 | -.23 | .26 |
| compound: Narcissism | 3 | 678 | .08 | .06 | .11 | .00 | .11 | .11 | .03 | .18 |
| compound: Self Esteem | 67 | 47,836 | .05 | .04 | .07 | .03 | .03 | .11 | .06 | .08 |
| compound: Locus of Control | 11 | 7,161 | .17 | .15 | .24 | .20 | -.01 | .49 | .14 | .34 |
| compound: Optimism | 43 | 44,033 | -.05 | .10 | -.06 | .12 | -.22 | .10 | -.09 | -.03 |
| compound: Routine Seeking | 6 | 1,126 | -.12 | .06 | -.15 | .00 | -.15 | -.15 | -.20 | -.10 |

| | | | | | | | | | | |
|---|----|--------|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | 3 | 1,070 | .15 | .08 | .20 | .08 | .09 | .31 | .10 | .30 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | 2 | 3,525 | .01 | .01 | .01 | .00 | .01 | .01 | -.01 | .02 |
| compound: Stress Tolerance | 3 | 340 | .06 | .12 | .08 | .09 | -.03 | .19 | -.06 | .23 |
| compound: Trust | 57 | 73,151 | .09 | .04 | .11 | .03 | .08 | .15 | .10 | .12 |
| compound: Self Control | 8 | 2,031 | .02 | .06 | .02 | .00 | .02 | .02 | -.02 | .07 |
| compound: Risk Taking | 39 | 41,096 | .05 | .04 | .07 | .04 | .02 | .12 | .05 | .08 |
| compound: Openness to Emotions | 5 | 671 | -.09 | .06 | -.13 | .00 | -.13 | -.13 | -.18 | -.07 |
| compound: Warmth | 25 | 33,160 | .02 | .04 | .03 | .04 | -.02 | .09 | .01 | .05 |
| compound: Grandiosity and Intimidation | 1 | 60 | -.24 | - | -.35 | - | - | - | -.66 | -.05 |
| compound: Ambition | 57 | 52,023 | -.03 | .09 | -.04 | .11 | -.19 | .10 | -.07 | -.02 |
| compound: Ambitious Risk Taking | 2 | 572 | -.11 | .05 | -.14 | .00 | -.14 | -.14 | -.21 | -.08 |
| compound: Restrained Expression | 3 | 647 | -.01 | .03 | -.02 | .00 | -.02 | -.02 | -.05 | .02 |
| compound: Tolerance | 43 | 42,044 | -.07 | .05 | -.10 | .06 | -.17 | -.02 | -.11 | -.08 |
| compound: Independ. of Conventions and Others | 41 | 41,406 | .07 | .04 | .10 | .04 | .05 | .16 | .09 | .12 |
| compound: Creative Personality | 4 | 1,455 | .11 | .10 | .15 | .11 | .00 | .29 | .04 | .26 |
| compound: Judging-Perceiving | 10 | 8,407 | -.13 | .08 | -.19 | .09 | -.31 | -.07 | -.25 | -.13 |
| compound: Cold Efficiency | 4 | 678 | -.12 | .12 | -.17 | .14 | -.35 | .01 | -.32 | -.02 |
| compound: Rugged Individualism | 21 | 11,088 | .04 | .10 | .06 | .12 | -.09 | .21 | .01 | .10 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S5. Meta-analytic results describing personality traits' relations with fluid ability--induction.

| Personality Construct | Total K | Total N | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|---------|---------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 429 | 424,528 | -.06 | .07 | -.08 | .08 | -.18 | .02 | -.09 | -.07 |
| Withdrawal | 21 | 17,087 | -.10 | .05 | -.13 | .05 | -.20 | -.07 | -.16 | -.11 |
| Volatility | 14 | 8,502 | -.02 | .03 | -.02 | .00 | -.02 | -.02 | -.04 | -.01 |
| Negative Affect | 11 | 2,218 | -.11 | .09 | -.14 | .08 | -.23 | -.04 | -.20 | -.08 |
| Depression | 58 | 15,592 | -.10 | .09 | -.13 | .09 | -.24 | -.02 | -.16 | -.10 |
| Anxiety | 82 | 94,942 | -.08 | .04 | -.10 | .04 | -.15 | -.05 | -.11 | -.09 |
| Anxiety (Test) | 19 | 2,990 | -.20 | .11 | -.24 | .10 | -.37 | -.12 | -.30 | -.19 |
| Uneven Tempered | 169 | 569,728 | -.09 | .08 | -.11 | .10 | -.24 | .01 | -.13 | -.10 |
| Suspiciousness | 9 | 1,738 | -.07 | .09 | -.10 | .06 | -.18 | -.02 | -.16 | -.03 |
| Agreeableness | 242 | 316,495 | -.02 | .06 | -.02 | .07 | -.11 | .07 | -.03 | -.01 |
| Compassion | 40 | 385,883 | .10 | .04 | .13 | .05 | .07 | .20 | .12 | .15 |
| Politeness | 11 | 73,945 | -.09 | .02 | -.12 | .01 | -.14 | -.10 | -.14 | -.11 |
| Tender Mindedness | 62 | 28,968 | -.08 | .05 | -.11 | .03 | -.15 | -.08 | -.13 | -.10 |
| Nurturance | 43 | 79,178 | -.06 | .05 | -.08 | .05 | -.15 | -.01 | -.10 | -.07 |
| Cooperation | 67 | 95,667 | .02 | .03 | .03 | .02 | .00 | .06 | .02 | .04 |
| Lack of Aggression | 20 | 4,983 | -.01 | .05 | -.01 | .00 | -.01 | -.01 | -.03 | .02 |
| Modesty | 35 | 14,262 | -.01 | .07 | -.01 | .06 | -.09 | .07 | -.03 | .02 |
| Non Manipulative | 132 | 123,436 | .06 | .06 | .08 | .07 | -.02 | .17 | .07 | .09 |
| Conscientiousness | 220 | 307,721 | -.04 | .07 | -.05 | .08 | -.16 | .05 | -.06 | -.04 |
| Industriousness | 73 | 450,608 | .10 | .07 | .13 | .09 | .02 | .25 | .12 | .15 |
| Orderliness | 113 | 199,564 | -.09 | .10 | -.12 | .13 | -.29 | .04 | -.14 | -.10 |
| Achievement | 100 | 42,455 | .00 | .09 | .00 | .09 | -.12 | .12 | -.02 | .02 |
| Persistence | 35 | 16,688 | .05 | .06 | .07 | .04 | .02 | .12 | .05 | .09 |
| Dependability | 106 | 35,590 | -.02 | .09 | -.03 | .09 | -.14 | .09 | -.04 | -.01 |
| Cautiousness | 67 | 388,098 | .00 | .02 | .00 | .02 | -.03 | .03 | -.01 | .00 |
| Order | 81 | 398,058 | .07 | .06 | .09 | .07 | -.01 | .18 | .07 | .10 |
| Procrastination Avoidance | 5 | 1,363 | .04 | .06 | .06 | .00 | .06 | .06 | .00 | .11 |
| Extraversion | 394 | 434,765 | .00 | .08 | .00 | .10 | -.13 | .12 | -.01 | .00 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|-----|---------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | 16 | 15,208 | .05 | .03 | .06 | .01 | .04 | .08 | .04 | .08 |
| Assertiveness | 41 | 18,885 | -.04 | .05 | -.05 | .04 | -.10 | -.01 | -.07 | -.03 |
| Dominance | 201 | 597,400 | .03 | .03 | .03 | .04 | -.01 | .08 | .03 | .04 |
| Activity | 87 | 388,190 | .10 | .04 | .14 | .04 | .08 | .19 | .13 | .14 |
| Positive Emotionality | 33 | 4,275 | -.01 | .11 | -.01 | .09 | -.13 | .11 | -.05 | .03 |
| Sociability | 128 | 489,485 | .02 | .07 | .02 | .08 | -.08 | .13 | .01 | .04 |
| Sensation Seeking | 134 | 118,493 | .01 | .06 | .01 | .07 | -.08 | .11 | .00 | .02 |
| Openness | 297 | 374,131 | .16 | .10 | .20 | .13 | .04 | .37 | .19 | .22 |
| Experiencing | 107 | 474,652 | .08 | .05 | .11 | .06 | .03 | .19 | .10 | .12 |
| Intellect | 64 | 36,929 | .11 | .13 | .15 | .16 | -.05 | .35 | .11 | .18 |
| Need for Cognition | 11 | 2,739 | .11 | .10 | .14 | .10 | .01 | .27 | .07 | .20 |
| Ideas | 90 | 41,165 | .13 | .08 | .18 | .09 | .06 | .29 | .16 | .20 |
| Curiosity | 9 | 73,707 | .17 | .02 | .22 | .00 | .22 | .22 | .20 | .23 |
| Introspection | 30 | 77,115 | .07 | .04 | .10 | .04 | .04 | .15 | .08 | .11 |
| Fantasy | 30 | 6,074 | .08 | .09 | .11 | .06 | .03 | .19 | .08 | .15 |
| Aesthetics | 32 | 77,921 | .02 | .03 | .03 | .02 | .00 | .05 | .02 | .04 |
| Non Traditional | 70 | 21,238 | .18 | .13 | .26 | .16 | .06 | .46 | .22 | .29 |
| Variety Seeking | 48 | 11,440 | .05 | .09 | .07 | .08 | -.03 | .18 | .04 | .10 |
| Factor Alpha | 95 | 36,080 | .07 | .10 | .10 | .12 | -.05 | .25 | .07 | .12 |
| Factor Beta | 78 | 38,189 | .07 | .07 | .09 | .06 | .01 | .17 | .07 | .10 |
| General Factor of Personality | 57 | 32,395 | .04 | .10 | .05 | .12 | -.10 | .21 | .02 | .08 |
| compound: Interpersonal Sensitivity | 29 | 5,333 | .05 | .10 | .07 | .09 | -.05 | .18 | .03 | .11 |
| compound: Achievement via Independence | 22 | 4,867 | .18 | .11 | .24 | .12 | .09 | .39 | .19 | .29 |
| compound: Innovation | 38 | 90,565 | .07 | .03 | .09 | .03 | .05 | .13 | .08 | .10 |
| compound: Type A | 7 | 4,320 | -.02 | .06 | -.03 | .06 | -.10 | .05 | -.07 | .02 |
| compound: Managerial Potential | 18 | 4,765 | .05 | .08 | .07 | .07 | -.02 | .16 | .03 | .11 |
| compound: Narcissism | 10 | 4,095 | -.02 | .07 | -.02 | .07 | -.11 | .06 | -.07 | .02 |
| compound: Self Esteem | 133 | 420,227 | .10 | .05 | .13 | .06 | .06 | .20 | .12 | .14 |
| compound: Locus of Control | 24 | 14,820 | .14 | .10 | .20 | .13 | .03 | .36 | .15 | .25 |
| compound: Optimism | 48 | 31,247 | .00 | .07 | .00 | .07 | -.10 | .09 | -.02 | .02 |
| compound: Routine Seeking | 16 | 5,030 | -.17 | .09 | -.21 | .09 | -.32 | -.10 | -.26 | -.17 |

| | | | | | | | | | | |
|---|-----|---------|------|-----|------|-----|------|-----|------|------|
| compound: Resourcefulness | 2 | 2,240 | .19 | .10 | .25 | .13 | .09 | .42 | .10 | .41 |
| compound: Machiavellianism | 4 | 72,153 | .10 | .01 | .13 | .00 | .13 | .13 | .13 | .14 |
| compound: Self Monitoring | 8 | 2,178 | .05 | .03 | .07 | .00 | .07 | .07 | .05 | .09 |
| compound: Customer Service | 1 | 6,700 | .11 | - | .14 | - | - | - | .12 | .17 |
| compound: Stress Tolerance | 8 | 72,891 | .08 | .02 | .11 | .01 | .09 | .13 | .09 | .12 |
| compound: Trust | 149 | 131,986 | .12 | .11 | .15 | .13 | -.01 | .32 | .14 | .17 |
| compound: Self Control | 41 | 8,275 | -.02 | .09 | -.03 | .07 | -.11 | .06 | -.06 | .00 |
| compound: Risk Taking | 33 | 20,236 | .03 | .04 | .04 | .01 | .03 | .06 | .03 | .06 |
| compound: Openness to Emotions | 31 | 6,273 | .00 | .08 | .00 | .06 | -.08 | .07 | -.04 | .03 |
| compound: Warmth | 137 | 202,970 | -.05 | .12 | -.06 | .15 | -.26 | .13 | -.09 | -.04 |
| compound: Grandiosity and Intimidation | 12 | 73,093 | -.01 | .02 | -.01 | .02 | -.04 | .02 | -.03 | .00 |
| compound: Ambition | 65 | 32,773 | -.02 | .08 | -.03 | .08 | -.13 | .07 | -.05 | -.01 |
| compound: Ambitious Risk Taking | 1 | 288 | -.08 | - | -.11 | - | - | - | -.23 | .02 |
| compound: Restrained Expression | 11 | 1,789 | .02 | .09 | .02 | .06 | -.05 | .10 | -.04 | .08 |
| compound: Tolerance | 49 | 29,319 | .00 | .08 | -.01 | .09 | -.12 | .11 | -.03 | .02 |
| compound: Independ. of Conventions and Others | 39 | 21,405 | .04 | .05 | .05 | .04 | .00 | .11 | .03 | .07 |
| compound: Creative Personality | 11 | 3,264 | .16 | .17 | .21 | .22 | -.07 | .49 | .09 | .32 |
| compound: Judging-Perceiving | 42 | 10,321 | -.09 | .12 | -.12 | .14 | -.31 | .06 | -.17 | -.08 |
| compound: Cold Efficiency | 9 | 9,632 | .03 | .10 | .05 | .14 | -.13 | .22 | -.03 | .12 |
| compound: Rugged Individualism | 42 | 11,405 | .05 | .09 | .06 | .09 | -.05 | .17 | .03 | .09 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S6. Meta-analytic results describing personality traits' relations with fluid ability--general sequential reasoning.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 83 | 95,196 | -.07 | .06 | -.09 | .07 | -.18 | .00 | -.10 | -.08 |
| Withdrawal | 1 | 1,529 | -.13 | - | -.16 | - | - | - | -.21 | -.11 |
| Volatility | 2 | 1,107 | -.23 | .06 | -.30 | .05 | -.37 | -.23 | -.39 | -.21 |
| Negative Affect | 3 | 482 | -.35 | .09 | -.45 | .06 | -.53 | -.37 | -.56 | -.34 |
| Depression | 8 | 1,600 | -.06 | .11 | -.09 | .10 | -.22 | .05 | -.17 | .00 |
| Anxiety | 13 | 1,959 | -.07 | .07 | -.09 | .00 | -.09 | -.09 | -.13 | -.05 |
| Anxiety (Test) | 1 | 253 | -.24 | - | -.30 | - | - | - | -.42 | -.18 |
| Uneven Tempered | 29 | 11,154 | -.02 | .05 | -.03 | .00 | -.03 | -.03 | -.05 | -.01 |
| Suspiciousness | 12 | 3,169 | -.06 | .09 | -.09 | .10 | -.21 | .04 | -.15 | -.03 |
| Agreeableness | 67 | 74,865 | -.01 | .06 | -.01 | .06 | -.09 | .06 | -.03 | .00 |
| Compassion | 6 | 152 | -.13 | .07 | -.18 | .00 | -.18 | -.18 | -.25 | -.11 |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | 28 | 13,389 | -.02 | .09 | -.03 | .10 | -.16 | .10 | -.07 | .01 |
| Nurturance | 5 | 1,219 | .01 | .08 | .01 | .07 | -.08 | .10 | -.07 | .09 |
| Cooperation | 7 | 918 | -.01 | .09 | -.01 | .03 | -.05 | .03 | -.09 | .07 |
| Lack of Aggression | 11 | 3,972 | -.01 | .06 | -.01 | .05 | -.07 | .04 | -.05 | .03 |
| Modesty | 1 | 1,082 | .02 | - | .03 | - | - | - | -.04 | .09 |
| Non Manipulative | 18 | 2,254 | .09 | .07 | .13 | .00 | .13 | .13 | .09 | .17 |
| Conscientiousness | 74 | 105,673 | -.05 | .06 | -.06 | .07 | -.15 | .03 | -.08 | -.05 |
| Industriousness | 16 | 3,699 | -.04 | .17 | -.05 | .20 | -.31 | .21 | -.14 | .04 |
| Orderliness | 38 | 9,960 | -.07 | .08 | -.09 | .06 | -.16 | -.02 | -.12 | -.06 |
| Achievement | 16 | 3,591 | .05 | .10 | .06 | .09 | -.05 | .17 | .01 | .11 |
| Persistence | 11 | 1,150 | .06 | .10 | .07 | .00 | .07 | .07 | .01 | .14 |
| Dependability | 14 | 9,445 | .02 | .05 | .03 | .04 | -.02 | .08 | .00 | .06 |
| Cautiousness | 38 | 12,720 | -.10 | .09 | -.14 | .09 | -.25 | -.03 | -.17 | -.11 |
| Order | 36 | 8,685 | -.09 | .07 | -.12 | .02 | -.14 | -.10 | -.15 | -.10 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 93 | 93,879 | -.05 | .06 | -.06 | .06 | -.14 | .02 | -.07 | -.05 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|--------|------|-----|------|-----|------|------|------|-----|
| Enthusiasm | 28 | 7,941 | .05 | .08 | .07 | .07 | -.02 | .16 | .04 | .10 |
| Assertiveness | 5 | 127 | .06 | .17 | .08 | .00 | .08 | .08 | -.08 | .24 |
| Dominance | 58 | 15,437 | .07 | .07 | .09 | .03 | .05 | .13 | .07 | .11 |
| Activity | 15 | 1,243 | .06 | .12 | .08 | .04 | .03 | .14 | .02 | .15 |
| Positive Emotionality | 9 | 3,073 | .01 | .06 | .01 | .04 | -.03 | .06 | -.03 | .06 |
| Sociability | 46 | 14,005 | .01 | .09 | .01 | .08 | -.09 | .12 | -.01 | .04 |
| Sensation Seeking | 44 | 12,270 | .01 | .09 | .02 | .09 | -.09 | .13 | -.01 | .05 |
| Openness | 60 | 57,485 | .24 | .12 | .31 | .14 | .12 | .49 | .27 | .34 |
| Experiencing | 19 | 3,241 | .00 | .11 | .00 | .11 | -.14 | .14 | -.06 | .06 |
| Intellect | 37 | 11,809 | .24 | .11 | .31 | .12 | .16 | .45 | .27 | .34 |
| Need for Cognition | 3 | 1,061 | .20 | .06 | .25 | .02 | .22 | .28 | .18 | .31 |
| Ideas | 34 | 8,660 | .06 | .10 | .09 | .09 | -.04 | .21 | .05 | .12 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 8 | 845 | .03 | .10 | .04 | .00 | .04 | .04 | -.04 | .12 |
| Fantasy | 10 | 1,307 | .03 | .07 | .03 | .00 | .03 | .03 | -.01 | .08 |
| Aesthetics | 7 | 816 | .09 | .09 | .12 | .00 | .12 | .12 | .05 | .19 |
| Non Traditional | 49 | 13,194 | .22 | .13 | .30 | .16 | .10 | .50 | .26 | .34 |
| Variety Seeking | 7 | 1,334 | .07 | .09 | .10 | .07 | .01 | .20 | .02 | .18 |
| Factor Alpha | 9 | 1,104 | -.01 | .09 | -.02 | .00 | -.02 | -.02 | -.08 | .04 |
| Factor Beta | 9 | 507 | .04 | .11 | .05 | .00 | .05 | .05 | -.03 | .13 |
| General Factor of Personality | 9 | 604 | .00 | .16 | .00 | .13 | -.17 | .16 | -.12 | .11 |
| compound: Interpersonal Sensitivity | 9 | 2,254 | -.03 | .05 | -.04 | .00 | -.04 | -.04 | -.07 | .00 |
| compound: Achievement via Independence | 5 | 676 | -.06 | .12 | -.07 | .11 | -.22 | .07 | -.19 | .05 |
| compound: Innovation | 7 | 272 | -.01 | .19 | -.01 | .11 | -.15 | .13 | -.15 | .13 |
| compound: Type A | 1 | 437 | .10 | - | .13 | - | - | - | .03 | .23 |
| compound: Managerial Potential | 3 | 307 | -.06 | .12 | -.07 | .08 | -.17 | .02 | -.21 | .07 |
| compound: Narcissism | 2 | 830 | .12 | .05 | .15 | .02 | .13 | .17 | .07 | .22 |
| compound: Self Esteem | 29 | 4,267 | .09 | .14 | .12 | .15 | -.07 | .31 | .06 | .18 |
| compound: Locus of Control | 7 | 4,155 | .07 | .22 | .09 | .30 | -.29 | .48 | -.10 | .28 |
| compound: Optimism | 15 | 7,622 | .03 | .05 | .04 | .03 | .00 | .07 | .01 | .06 |
| compound: Routine Seeking | 3 | 355 | .06 | .12 | .08 | .11 | -.05 | .22 | -.07 | .23 |

| | | | | | | | | | | |
|---|----|-------|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | 1 | 70 | .10 | - | .13 | - | - | - | -.13 | .39 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | 2 | 388 | -.13 | .07 | -.17 | .00 | -.17 | -.17 | -.28 | -.06 |
| compound: Stress Tolerance | 4 | 500 | -.04 | .06 | -.06 | .00 | -.06 | -.06 | -.12 | .00 |
| compound: Trust | 22 | 3,306 | .05 | .10 | .07 | .09 | -.04 | .18 | .02 | .12 |
| compound: Self Control | 6 | 1,706 | .00 | .07 | .00 | .04 | -.05 | .05 | -.06 | .05 |
| compound: Risk Taking | 6 | 348 | .11 | .18 | .14 | .15 | -.05 | .33 | -.01 | .30 |
| compound: Openness to Emotions | 3 | 315 | .04 | .08 | .06 | .00 | .06 | .06 | -.04 | .16 |
| compound: Warmth | 26 | 5,468 | -.08 | .08 | -.10 | .05 | -.17 | -.04 | -.14 | -.07 |
| compound: Grandiosity and Intimidation | 3 | 643 | -.07 | .11 | -.10 | .13 | -.27 | .07 | -.26 | .06 |
| compound: Ambition | 16 | 5,358 | .03 | .05 | .04 | .00 | .04 | .04 | .02 | .07 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 3 | 256 | .00 | .07 | .00 | .00 | .00 | .00 | -.09 | .08 |
| compound: Tolerance | 29 | 7,491 | -.06 | .08 | -.09 | .05 | -.15 | -.02 | -.12 | -.05 |
| compound: Independ. of Conventions and Others | 6 | 635 | .09 | .10 | .13 | .00 | .13 | .13 | .04 | .22 |
| compound: Creative Personality | 1 | 29 | .05 | - | .07 | - | - | - | -.35 | .48 |
| compound: Judging-Perceiving | 15 | 2,967 | -.05 | .17 | -.07 | .21 | -.34 | .20 | -.17 | .03 |
| compound: Cold Efficiency | 25 | 7,630 | .09 | .09 | .14 | .10 | .01 | .26 | .10 | .18 |
| compound: Rugged Individualism | 16 | 2,438 | .04 | .11 | .05 | .09 | -.07 | .17 | -.01 | .11 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S7. Meta-analytic results describing personality traits' relations with fluid ability--quantitative reasoning.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 132 | 201,438 | -.06 | .07 | -.08 | .08 | -.18 | .02 | -.09 | -.06 |
| Withdrawal | 3 | 7,446 | -.12 | .00 | -.15 | .00 | -.15 | -.15 | -.16 | -.15 |
| Volatility | 1 | 1,309 | .05 | - | .06 | - | - | - | .01 | .12 |
| Negative Affect | 4 | 2,554 | -.09 | .05 | -.12 | .04 | -.17 | -.06 | -.17 | -.06 |
| Depression | 24 | 51,201 | -.20 | .08 | -.25 | .10 | -.38 | -.12 | -.28 | -.21 |
| Anxiety | 20 | 75,084 | -.06 | .03 | -.07 | .04 | -.12 | -.03 | -.09 | -.06 |
| Anxiety (Test) | 2 | 644 | -.27 | .16 | -.32 | .18 | -.54 | -.09 | -.54 | -.10 |
| Uneven Tempered | 30 | 81,116 | .01 | .06 | .02 | .06 | -.06 | .10 | .00 | .04 |
| Suspiciousness | 6 | 2,696 | -.20 | .04 | -.27 | .00 | -.27 | -.27 | -.31 | -.23 |
| Agreeableness | 83 | 167,105 | -.05 | .08 | -.06 | .09 | -.18 | .05 | -.08 | -.05 |
| Compassion | 10 | 1,841 | -.03 | .10 | -.04 | .08 | -.15 | .07 | -.11 | .03 |
| Politeness | 3 | 72,068 | -.12 | .02 | -.16 | .00 | -.16 | -.16 | -.18 | -.14 |
| Tender Mindedness | 16 | 1,740 | -.03 | .10 | -.05 | .05 | -.11 | .02 | -.11 | .01 |
| Nurturance | 9 | 73,359 | -.11 | .02 | -.14 | .03 | -.17 | -.10 | -.15 | -.12 |
| Cooperation | 20 | 116,871 | .01 | .06 | .02 | .08 | -.09 | .12 | -.01 | .05 |
| Lack of Aggression | 2 | 420 | .04 | .01 | .06 | .00 | .06 | .06 | .05 | .07 |
| Modesty | 7 | 1,444 | -.07 | .05 | -.09 | .00 | -.09 | -.09 | -.13 | -.06 |
| Non Manipulative | 20 | 6,439 | -.02 | .12 | -.02 | .13 | -.19 | .15 | -.08 | .04 |
| Conscientiousness | 73 | 166,658 | -.04 | .07 | -.05 | .09 | -.17 | .06 | -.07 | -.04 |
| Industriousness | 14 | 74,657 | -.06 | .04 | -.08 | .04 | -.13 | -.02 | -.10 | -.06 |
| Orderliness | 21 | 77,752 | -.13 | .05 | -.17 | .05 | -.24 | -.10 | -.19 | -.15 |
| Achievement | 21 | 10,479 | .03 | .07 | .04 | .07 | -.04 | .13 | .01 | .08 |
| Persistence | 1 | 1,309 | -.05 | - | -.07 | - | - | - | -.12 | -.01 |
| Dependability | 36 | 5,401 | .05 | .13 | .07 | .14 | -.11 | .24 | .02 | .11 |
| Cautiousness | 19 | 3,803 | .05 | .14 | .06 | .16 | -.14 | .26 | -.01 | .13 |
| Order | 23 | 7,550 | .00 | .10 | .00 | .11 | -.14 | .13 | -.05 | .04 |
| Procrastination Avoidance | 4 | 1,696 | .07 | .05 | .08 | .02 | .06 | .11 | .03 | .14 |
| Extraversion | 105 | 163,916 | .00 | .12 | .00 | .14 | -.18 | .18 | -.02 | .02 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|---------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | 18 | 30,193 | .15 | .04 | .19 | .04 | .14 | .24 | .17 | .21 |
| Assertiveness | 8 | 281 | -.14 | .22 | -.17 | .18 | -.39 | .06 | -.33 | -.01 |
| Dominance | 54 | 90,985 | -.01 | .05 | -.01 | .06 | -.09 | .07 | -.02 | .01 |
| Activity | 24 | 16,902 | .08 | .07 | .10 | .08 | .00 | .20 | .07 | .13 |
| Positive Emotionality | 10 | 3,356 | .07 | .12 | .09 | .13 | -.08 | .26 | .01 | .16 |
| Sociability | 44 | 84,335 | -.11 | .06 | -.13 | .07 | -.22 | -.04 | -.15 | -.11 |
| Sensation Seeking | 22 | 5,387 | -.03 | .09 | -.04 | .07 | -.14 | .05 | -.08 | .00 |
| Openness | 71 | 155,902 | .13 | .13 | .16 | .16 | -.04 | .36 | .13 | .19 |
| Experiencing | 11 | 3,402 | -.06 | .08 | -.07 | .07 | -.16 | .02 | -.12 | -.02 |
| Intellect | 18 | 2,812 | .09 | .14 | .11 | .15 | -.08 | .30 | .04 | .18 |
| Need for Cognition | 4 | 2,127 | .20 | .09 | .24 | .10 | .11 | .37 | .15 | .33 |
| Ideas | 17 | 2,603 | .17 | .11 | .22 | .09 | .11 | .34 | .17 | .28 |
| Curiosity | 3 | 72,310 | .15 | .02 | .19 | .01 | .17 | .20 | .17 | .21 |
| Introspection | 6 | 73,028 | .01 | .01 | .01 | .01 | .01 | .02 | .01 | .02 |
| Fantasy | 6 | 1,206 | .07 | .08 | .09 | .03 | .05 | .13 | .03 | .16 |
| Aesthetics | 8 | 73,152 | -.11 | .02 | -.15 | .02 | -.18 | -.11 | -.16 | -.13 |
| Non Traditional | 18 | 13,527 | .04 | .07 | .05 | .08 | -.05 | .15 | .02 | .09 |
| Variety Seeking | 8 | 3,023 | .03 | .11 | .04 | .14 | -.14 | .21 | -.05 | .13 |
| Factor Alpha | 17 | 55,414 | .10 | .04 | .12 | .05 | .06 | .18 | .10 | .14 |
| Factor Beta | 11 | 2,085 | .15 | .11 | .18 | .11 | .04 | .32 | .11 | .25 |
| General Factor of Personality | 17 | 1,528 | .06 | .15 | .07 | .13 | -.10 | .23 | -.01 | .14 |
| compound: Interpersonal Sensitivity | 5 | 969 | .04 | .06 | .05 | .00 | .05 | .05 | -.01 | .11 |
| compound: Achievement via Independence | 2 | 1,553 | .07 | .08 | .09 | .09 | -.03 | .21 | -.03 | .21 |
| compound: Innovation | 12 | 72,598 | .05 | .02 | .06 | .02 | .04 | .09 | .05 | .08 |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | 1 | 185 | .10 | - | .13 | - | - | - | -.02 | .28 |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 34 | 32,604 | .11 | .09 | .14 | .10 | .01 | .27 | .11 | .17 |
| compound: Locus of Control | 24 | 52,212 | .15 | .07 | .20 | .09 | .09 | .32 | .17 | .23 |
| compound: Optimism | 16 | 20,386 | .16 | .04 | .21 | .03 | .17 | .25 | .19 | .23 |
| compound: Routine Seeking | 1 | 244 | -.13 | - | -.16 | - | - | - | -.29 | -.03 |

| | | | | | | | | | | |
|---|----|---------|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | 3 | 72,123 | .15 | .01 | .19 | .00 | .19 | .19 | .18 | .20 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | 4 | 47,659 | .11 | .06 | .13 | .07 | .04 | .22 | .07 | .19 |
| compound: Stress Tolerance | 7 | 112,268 | .07 | .03 | .09 | .03 | .05 | .14 | .07 | .12 |
| compound: Trust | 27 | 8,152 | .06 | .09 | .08 | .09 | -.03 | .19 | .04 | .11 |
| compound: Self Control | 2 | 600 | -.11 | .06 | -.14 | .00 | -.14 | -.14 | -.22 | -.06 |
| compound: Risk Taking | 8 | 281 | -.02 | .24 | -.03 | .22 | -.31 | .25 | -.21 | .15 |
| compound: Openness to Emotions | 6 | 1,206 | .10 | .16 | .13 | .18 | -.10 | .37 | -.01 | .27 |
| compound: Warmth | 24 | 82,733 | -.09 | .06 | -.12 | .07 | -.21 | -.03 | -.14 | -.09 |
| compound: Grandiosity and Intimidation | 4 | 72,199 | .03 | .01 | .05 | .01 | .03 | .07 | .03 | .06 |
| compound: Ambition | 16 | 4,305 | .00 | .10 | .00 | .09 | -.12 | .11 | -.05 | .05 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 4 | 1,242 | .09 | .10 | .12 | .10 | -.01 | .25 | .01 | .22 |
| compound: Tolerance | 10 | 652 | -.02 | .22 | -.03 | .23 | -.32 | .27 | -.17 | .12 |
| compound: Independ. of Conventions and Others | 9 | 789 | .04 | .08 | .06 | .00 | .06 | .06 | -.01 | .12 |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 9 | 6,012 | -.12 | .09 | -.16 | .11 | -.31 | -.02 | -.23 | -.09 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 16 | 10,822 | .12 | .10 | .15 | .12 | .00 | .31 | .10 | .21 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S8. Meta-analytic results describing personality traits' relations with memory.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 9 | 9,690 | -.07 | .06 | -.09 | .07 | -.18 | .01 | -.13 | -.04 |
| Withdrawal | 1 | 2,050 | -.07 | - | -.08 | - | - | - | -.13 | -.04 |
| Volatility | 1 | 545 | -.04 | - | -.06 | - | - | - | -.15 | .03 |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 1 | 291 | -.23 | - | -.31 | - | - | - | -.43 | -.18 |
| Anxiety | 2 | 498 | -.03 | .08 | -.04 | .06 | -.12 | .04 | -.16 | .08 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 2 | 836 | -.11 | .11 | -.14 | .13 | -.31 | .03 | -.31 | .03 |
| Suspiciousness | 1 | 23 | -.39 | - | -.55 | - | - | - | -.96 | -.13 |
| Agreeableness | 5 | 9,044 | .05 | .04 | .06 | .04 | .01 | .12 | .02 | .10 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | 1 | 291 | .19 | - | .28 | - | - | - | .14 | .41 |
| Nurturance | 1 | 291 | .20 | - | .27 | - | - | - | .14 | .39 |
| Cooperation | 1 | 291 | -.04 | - | -.05 | - | - | - | -.19 | .08 |
| Lack of Aggression | 2 | 762 | -.01 | .02 | -.01 | .00 | -.01 | -.01 | -.03 | .01 |
| Modesty | 1 | 291 | .03 | - | .04 | - | - | - | -.09 | .17 |
| Non Manipulative | 1 | 291 | .19 | - | .26 | - | - | - | .13 | .39 |
| Conscientiousness | 5 | 8,776 | .05 | .02 | .06 | .00 | .06 | .06 | .04 | .08 |
| Industriousness | 1 | 291 | .13 | - | .17 | - | - | - | .05 | .29 |
| Orderliness | 1 | 141 | .04 | - | .05 | - | - | - | -.14 | .24 |
| Achievement | 3 | 9,108 | .04 | .01 | .06 | .00 | .06 | .06 | .04 | .08 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | 1 | 291 | .07 | - | .10 | - | - | - | -.04 | .23 |
| Cautiousness | 1 | 291 | -.06 | - | -.08 | - | - | - | -.21 | .05 |
| Order | 1 | 291 | .07 | - | .09 | - | - | - | -.03 | .22 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 7 | 1,394 | .06 | .06 | .08 | .00 | .08 | .08 | .03 | .13 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|--------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | 1 | 2,063 | .21 | - | .29 | - | - | - | .24 | .33 |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 2 | 8,563 | .03 | .05 | .03 | .06 | -.04 | .11 | -.04 | .11 |
| Activity | 2 | 8,563 | .06 | .01 | .08 | .00 | .08 | .08 | .06 | .10 |
| Positive Emotionality | 2 | 314 | .13 | .00 | .17 | .00 | .17 | .17 | .16 | .18 |
| Sociability | 2 | 836 | -.05 | .05 | -.06 | .03 | -.10 | -.02 | -.14 | .02 |
| Sensation Seeking | 1 | 291 | -.04 | - | -.05 | - | - | - | -.18 | .08 |
| Openness | 5 | 878 | .08 | .15 | .10 | .17 | -.12 | .33 | -.04 | .25 |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 1 | 291 | .20 | - | .27 | - | - | - | .15 | .40 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | 1 | 291 | -.05 | - | -.07 | - | - | - | -.20 | .06 |
| Aesthetics | 1 | 291 | .20 | - | .26 | - | - | - | .14 | .39 |
| Non Traditional | 3 | 8,833 | -.02 | .06 | -.03 | .07 | -.12 | .07 | -.10 | .05 |
| Variety Seeking | 1 | 291 | .07 | - | .10 | - | - | - | -.04 | .24 |
| Factor Alpha | 3 | 8,444 | .05 | .03 | .06 | .02 | .03 | .09 | .03 | .10 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 4 | 9,215 | .05 | .03 | .07 | .03 | .04 | .11 | .04 | .10 |
| compound: Locus of Control | 2 | 10,360 | .06 | .03 | .08 | .04 | .03 | .13 | .03 | .14 |
| compound: Optimism | 1 | 2,037 | .04 | - | .05 | - | - | - | .01 | .10 |
| compound: Routine Seeking | 1 | 141 | -.22 | - | -.29 | - | - | - | -.46 | -.11 |

| | | | | | | | | | | |
|---|---|-----|------|-----|------|-----|-----|-----|------|-----|
| compound: Resourcefulness | 1 | 545 | .01 | - | .01 | - | - | - | -.08 | .11 |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 1 | 291 | .12 | - | .16 | - | - | - | .03 | .29 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 1 | 291 | -.02 | - | -.03 | - | - | - | -.16 | .10 |
| compound: Warmth | 4 | 694 | .10 | .08 | .13 | .03 | .10 | .17 | .04 | .22 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 1 | 545 | .08 | - | .10 | - | - | - | .01 | .19 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S9. Meta-analytic results describing personality traits' relations with memory--long term storage and retrieval.

| Personality Construct | Total K | Total N | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|---------|---------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 16 | 16,718 | -.06 | .04 | -.08 | .04 | -.13 | -.03 | -.10 | -.05 |
| Withdrawal | 2 | 3,501 | -.05 | .01 | -.07 | .00 | -.07 | -.07 | -.08 | -.06 |
| Volatility | 1 | 2,336 | -.02 | - | -.03 | - | - | - | -.08 | .01 |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 6 | 9,445 | -.07 | .04 | -.09 | .03 | -.14 | -.05 | -.13 | -.06 |
| Anxiety | 6 | 752 | -.13 | .15 | -.17 | .16 | -.38 | .04 | -.31 | -.04 |
| Anxiety (Test) | 2 | 566 | -.09 | .06 | -.12 | .03 | -.15 | -.08 | -.21 | -.02 |
| Uneven Tempered | 3 | 457 | .05 | .07 | .07 | .00 | .07 | .07 | -.02 | .15 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 9 | 7,786 | -.01 | .02 | -.02 | .00 | -.02 | -.02 | -.04 | .00 |
| Compassion | 2 | 3,642 | .01 | .04 | .02 | .05 | -.04 | .08 | -.05 | .09 |
| Politeness | 1 | 2,371 | -.02 | - | -.02 | - | - | - | -.07 | .03 |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 2 | 319 | -.07 | .01 | -.09 | .00 | -.09 | -.09 | -.11 | -.08 |
| Conscientiousness | 6 | 6,513 | .01 | .01 | .01 | .00 | .01 | .01 | .00 | .02 |
| Industriousness | 1 | 2,321 | .05 | - | .07 | - | - | - | .02 | .11 |
| Orderliness | 4 | 2,810 | .00 | .02 | .00 | .00 | .00 | .00 | -.02 | .02 |
| Achievement | 3 | 1,686 | .17 | .04 | .23 | .00 | .23 | .23 | .18 | .29 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | 1 | 1,362 | .02 | - | .03 | - | - | - | -.03 | .10 |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 11 | 8,291 | .00 | .06 | -.01 | .06 | -.08 | .07 | -.04 | .03 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|--------|------|-----|------|-----|------|------|------|-----|
| Enthusiasm | 8 | 12,750 | .08 | .03 | .11 | .02 | .09 | .13 | .09 | .13 |
| Assertiveness | 1 | 2,333 | .01 | - | .01 | - | - | - | -.04 | .05 |
| Dominance | 3 | 457 | .01 | .16 | .01 | .19 | -.23 | .25 | -.20 | .22 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | 1 | 2,347 | .02 | - | .03 | - | - | - | -.02 | .07 |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | 3 | 457 | -.06 | .12 | -.09 | .12 | -.24 | .06 | -.24 | .07 |
| Openness | 7 | 7,220 | .03 | .08 | .04 | .10 | -.09 | .16 | -.03 | .10 |
| Experiencing | 4 | 2,774 | -.03 | .03 | -.04 | .00 | -.04 | -.04 | -.07 | .00 |
| Intellect | 2 | 2,545 | .03 | .10 | .05 | .13 | -.12 | .21 | -.11 | .20 |
| Need for Cognition | 1 | 189 | .19 | - | .24 | - | - | - | .10 | .39 |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 6 | 2,355 | .08 | .09 | .10 | .09 | -.02 | .22 | .03 | .18 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 8 | 10,865 | .08 | .04 | .11 | .03 | .07 | .15 | .08 | .14 |
| compound: Locus of Control | 7 | 11,408 | .07 | .03 | .10 | .02 | .07 | .13 | .08 | .13 |
| compound: Optimism | 2 | 3,442 | .03 | .01 | .05 | .00 | .05 | .05 | .03 | .07 |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | 1 | 113 | .06 | - | .08 | - | - | - | -.13 | .29 |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 5 | 1,928 | .05 | .04 | .07 | .00 | .07 | .07 | .03 | .10 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 1 | 113 | .15 | - | .20 | - | - | - | .00 | .41 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 1 | 874 | -.02 | - | -.03 | - | - | - | -.11 | .05 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 2 | 566 | -.02 | .01 | -.02 | .00 | -.02 | -.02 | -.04 | -.01 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S10. Meta-analytic results describing personality traits’ relations with memory--long term storage and retrieval---learning efficiency.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 10 | 3,231 | -.04 | .08 | -.05 | .07 | -.14 | .05 | -.10 | .00 |
| Withdrawal | 1 | 153 | .02 | - | .03 | - | - | - | -.15 | .20 |
| Volatility | 1 | 153 | -.02 | - | -.02 | - | - | - | -.19 | .15 |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 9 | 911 | -.03 | .11 | -.04 | .07 | -.12 | .05 | -.12 | .04 |
| Anxiety | 9 | 917 | -.02 | .12 | -.03 | .09 | -.15 | .09 | -.12 | .06 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 10 | 1,062 | -.03 | .14 | -.04 | .14 | -.21 | .14 | -.13 | .06 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 11 | 3,326 | .02 | .06 | .03 | .03 | -.01 | .07 | -.01 | .07 |
| Compassion | 1 | 153 | .07 | - | .10 | - | - | - | -.08 | .28 |
| Politeness | 1 | 153 | .05 | - | .07 | - | - | - | -.11 | .26 |
| Tender Mindedness | 9 | 912 | -.01 | .11 | -.02 | .05 | -.08 | .05 | -.10 | .07 |
| Nurturance | 9 | 904 | .06 | .12 | .08 | .09 | -.03 | .19 | -.01 | .16 |
| Cooperation | 9 | 913 | .05 | .08 | .07 | .00 | .07 | .07 | .01 | .12 |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | 9 | 908 | -.02 | .13 | -.03 | .12 | -.18 | .12 | -.13 | .06 |
| Non Manipulative | 9 | 905 | .07 | .15 | .10 | .14 | -.08 | .29 | -.01 | .21 |
| Conscientiousness | 10 | 3,198 | .03 | .05 | .04 | .00 | .04 | .04 | .01 | .07 |
| Industriousness | 10 | 1,065 | .03 | .11 | .04 | .07 | -.04 | .13 | -.03 | .12 |
| Orderliness | 1 | 153 | -.05 | - | -.07 | - | - | - | -.25 | .12 |
| Achievement | 9 | 915 | .00 | .09 | -.01 | .00 | -.01 | -.01 | -.07 | .06 |
| Persistence | 1 | 153 | -.06 | - | -.08 | - | - | - | -.26 | .10 |
| Dependability | 9 | 910 | .04 | .12 | .06 | .09 | -.07 | .18 | -.04 | .15 |
| Cautiousness | 10 | 1,071 | .00 | .14 | .01 | .13 | -.16 | .17 | -.09 | .10 |
| Order | 9 | 911 | .03 | .06 | .04 | .00 | .04 | .04 | .00 | .08 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|--------|------|-----|------|-----|------|------|------|-----|
| Extraversion | 11 | 3,898 | .02 | .06 | .02 | .04 | -.03 | .07 | -.02 | .06 |
| Enthusiasm | 1 | 153 | .01 | - | .02 | - | - | - | -.16 | .20 |
| Assertiveness | 1 | 153 | .08 | - | .10 | - | - | - | -.07 | .27 |
| Dominance | 9 | 916 | .03 | .07 | .03 | .00 | .03 | .03 | -.02 | .09 |
| Activity | 12 | 1,372 | .02 | .10 | .03 | .06 | -.04 | .10 | -.04 | .10 |
| Positive Emotionality | 9 | 916 | .02 | .09 | .02 | .00 | .02 | .02 | -.04 | .09 |
| Sociability | 9 | 906 | .07 | .09 | .08 | .00 | .08 | .08 | .02 | .15 |
| Sensation Seeking | 10 | 1,071 | .03 | .13 | .03 | .11 | -.11 | .18 | -.06 | .12 |
| Openness | 12 | 3,491 | .00 | .08 | .00 | .07 | -.10 | .09 | -.05 | .05 |
| Experiencing | 2 | 306 | .20 | .13 | .27 | .13 | .10 | .45 | .07 | .48 |
| Intellect | 2 | 306 | .13 | .01 | .17 | .00 | .17 | .17 | .16 | .18 |
| Need for Cognition | 3 | 2,507 | .19 | .06 | .23 | .06 | .16 | .31 | .16 | .31 |
| Ideas | 10 | 1,054 | -.01 | .11 | -.01 | .06 | -.08 | .07 | -.08 | .07 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | 10 | 1,063 | -.03 | .12 | -.04 | .09 | -.16 | .08 | -.12 | .05 |
| Aesthetics | 10 | 1,053 | -.01 | .12 | -.02 | .09 | -.13 | .10 | -.10 | .07 |
| Non Traditional | 10 | 1,056 | -.01 | .07 | -.01 | .00 | -.01 | -.01 | -.06 | .05 |
| Variety Seeking | 10 | 1,067 | -.01 | .11 | -.02 | .08 | -.13 | .09 | -.11 | .06 |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 9 | 904 | .04 | .11 | .05 | .06 | -.03 | .13 | -.03 | .13 |
| compound: Locus of Control | 12 | 14,649 | -.03 | .06 | -.04 | .08 | -.14 | .06 | -.08 | .00 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|----|-------|-----|-----|-----|-----|------|-----|------|-----|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 9 | 912 | .03 | .15 | .04 | .15 | -.15 | .23 | -.07 | .15 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 10 | 1,064 | .01 | .08 | .02 | .00 | .02 | .02 | -.04 | .08 |
| compound: Warmth | 9 | 908 | .02 | .12 | .03 | .09 | -.09 | .15 | -.06 | .12 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S11. Meta-analytic results describing personality traits’ relations with memory--long term storage and retrieval---learning efficiency----associative memory.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 16 | 4,736 | -.05 | .08 | -.06 | .06 | -.15 | .02 | -.10 | -.02 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 5 | 3,628 | .02 | .04 | .02 | .02 | .00 | .05 | -.01 | .06 |
| Anxiety | 5 | 3,060 | .09 | .03 | .11 | .00 | .11 | .11 | .08 | .13 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 7 | 796 | -.02 | .08 | -.03 | .00 | -.03 | -.03 | -.09 | .03 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 12 | 4,384 | .04 | .06 | .05 | .02 | .02 | .07 | .01 | .08 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | 1 | 94 | -.01 | - | -.01 | - | - | - | -.23 | .21 |
| Cooperation | 3 | 179 | -.13 | .13 | -.18 | .05 | -.25 | -.11 | -.35 | -.01 |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 1 | 156 | .01 | - | .01 | - | - | - | -.17 | .19 |
| Conscientiousness | 5 | 3,085 | -.09 | .05 | -.11 | .04 | -.16 | -.06 | -.16 | -.06 |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | 3 | 432 | .11 | .09 | .14 | .05 | .07 | .21 | .03 | .26 |
| Achievement | 1 | 138 | -.05 | - | -.07 | - | - | - | -.25 | .11 |
| Persistence | 1 | 153 | .08 | - | .11 | - | - | - | -.07 | .28 |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | 2 | 456 | .06 | .02 | .08 | .00 | .08 | .08 | .05 | .10 |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|--------|------|-----|------|-----|------|------|------|-----|
| Extraversion | 14 | 4,691 | -.02 | .07 | -.02 | .06 | -.10 | .06 | -.06 | .02 |
| Enthusiasm | 3 | 179 | .06 | .08 | .07 | .00 | .07 | .07 | -.02 | .16 |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 5 | 473 | .05 | .12 | .07 | .08 | -.03 | .16 | -.05 | .18 |
| Activity | 1 | 138 | -.02 | - | -.02 | - | - | - | -.21 | .16 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 2 | 412 | .02 | .05 | .02 | .00 | .02 | .02 | -.05 | .10 |
| Sensation Seeking | 3 | 447 | -.02 | .06 | -.03 | .00 | -.03 | -.03 | -.10 | .04 |
| Openness | 12 | 4,628 | .17 | .12 | .22 | .14 | .03 | .40 | .14 | .29 |
| Experiencing | 5 | 679 | .07 | .10 | .09 | .08 | -.01 | .19 | -.01 | .20 |
| Intellect | 1 | 153 | .24 | - | .31 | - | - | - | .15 | .47 |
| Need for Cognition | 3 | 458 | .04 | .16 | .05 | .17 | -.17 | .26 | -.14 | .23 |
| Ideas | 2 | 247 | .29 | .10 | .38 | .05 | .31 | .45 | .23 | .53 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 5 | 443 | .16 | .20 | .22 | .24 | -.10 | .53 | .01 | .43 |
| Fantasy | 2 | 309 | .06 | .09 | .08 | .04 | .02 | .14 | -.05 | .21 |
| Aesthetics | 2 | 247 | .19 | .20 | .25 | .23 | -.05 | .54 | -.05 | .54 |
| Non Traditional | 2 | 247 | .17 | .22 | .24 | .28 | -.12 | .60 | -.12 | .59 |
| Variety Seeking | 3 | 594 | .00 | .05 | .00 | .00 | .00 | .00 | -.06 | .07 |
| Factor Alpha | 3 | 606 | .13 | .01 | .16 | .00 | .16 | .16 | .15 | .17 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | 3 | 179 | .07 | .16 | .10 | .12 | -.05 | .25 | -.10 | .30 |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 7 | 19,766 | .03 | .01 | .04 | .00 | .04 | .04 | .04 | .05 |
| compound: Locus of Control | 3 | 17,892 | .10 | .02 | .13 | .02 | .11 | .16 | .11 | .16 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|------|-----|------|-----|------|------|------|-----|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 1 | 156 | -.01 | - | -.01 | - | - | - | -.18 | .16 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 1 | 153 | .18 | - | .24 | - | - | - | .07 | .41 |
| compound: Warmth | 2 | 294 | .04 | .03 | .05 | .00 | .05 | .05 | .01 | .09 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 4 | 349 | -.01 | .11 | -.01 | .00 | -.01 | -.01 | -.12 | .10 |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 3 | 973 | -.02 | .12 | -.02 | .14 | -.21 | .16 | -.18 | .13 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 4 | 273 | -.07 | .14 | -.09 | .09 | -.21 | .03 | -.24 | .06 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S12. Meta-analytic results describing personality traits’ relations with memory--long term storage and retrieval---learning efficiency----meaningful memory.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 8 | 4,184 | -.04 | .08 | -.05 | .09 | -.16 | .07 | -.11 | .02 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 1 | 3,590 | -.03 | - | -.04 | - | - | - | -.08 | .00 |
| Anxiety | 1 | 2,787 | .01 | - | .01 | - | - | - | -.03 | .05 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 1 | 138 | -.04 | - | -.05 | - | - | - | -.23 | .13 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 6 | 3,883 | .05 | .04 | .06 | .03 | .03 | .09 | .02 | .10 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 5 | 3,737 | -.01 | .03 | -.01 | .00 | -.01 | -.01 | -.04 | .01 |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | 1 | 138 | .15 | - | .21 | - | - | - | .02 | .40 |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|-------|------|-----|------|-----|-----|-----|------|-----|
| Extraversion | 9 | 4,356 | .01 | .04 | .01 | .00 | .01 | .01 | -.02 | .04 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 1 | 138 | -.10 | - | -.13 | - | - | - | -.32 | .05 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | 1 | 138 | -.10 | - | -.13 | - | - | - | -.32 | .05 |
| Openness | 6 | 3,978 | .18 | .04 | .23 | .00 | .23 | .23 | .20 | .27 |
| Experiencing | 1 | 138 | .01 | - | .01 | - | - | - | -.18 | .21 |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | 1 | 167 | .26 | - | .32 | - | - | - | .17 | .47 |
| Ideas | 1 | 229 | .13 | - | .18 | - | - | - | .03 | .32 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 1 | 65 | .20 | - | .27 | - | - | - | .01 | .53 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|-----|---|-----|---|---|---|------|-----|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 1 | 138 | .03 | - | .04 | - | - | - | -.15 | .23 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S13. Meta-analytic results describing personality traits’ relations with memory--long term storage and retrieval---learning efficiency----episodic memory.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 6 | 3,672 | -.06 | .06 | -.08 | .05 | -.15 | -.01 | -.13 | -.03 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 6 | 3,674 | .09 | .05 | .11 | .05 | .06 | .17 | .07 | .16 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 6 | 3,671 | .10 | .05 | .12 | .03 | .09 | .16 | .08 | .17 |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|-------|------|-----|------|-----|------|-----|------|------|
| Extraversion | 7 | 4,371 | .04 | .07 | .05 | .08 | -.05 | .16 | -.01 | .11 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | - | - | - | - | - | - | - | - | - | - |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | 6 | 3,641 | .08 | .03 | .11 | .00 | .11 | .11 | .08 | .13 |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | 1 | 896 | -.19 | - | -.27 | - | - | - | -.34 | -.19 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S14. Meta-analytic results describing personality traits’ relations with memory--long term storage and retrieval---learning efficiency----free recall memory.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 30 | 47,092 | -.07 | .06 | -.09 | .07 | -.18 | -.01 | -.11 | -.07 |
| Withdrawal | 3 | 7,956 | -.13 | .05 | -.16 | .06 | -.24 | -.09 | -.22 | -.10 |
| Volatility | 2 | 2,620 | -.07 | .02 | -.09 | .00 | -.09 | -.09 | -.12 | -.07 |
| Negative Affect | 1 | 1,493 | -.08 | - | -.10 | - | - | - | -.15 | -.04 |
| Depression | 16 | 47,679 | -.13 | .07 | -.17 | .09 | -.29 | -.05 | -.21 | -.13 |
| Anxiety | 3 | 2,995 | .07 | .03 | .09 | .00 | .09 | .09 | .05 | .12 |
| Anxiety (Test) | 1 | 50 | -.20 | - | -.24 | - | - | - | -.52 | .03 |
| Uneven Tempered | 1 | 1,584 | -.05 | - | -.06 | - | - | - | -.12 | -.01 |
| Suspiciousness | 2 | 1,650 | -.17 | .10 | -.23 | .12 | -.39 | -.07 | -.39 | -.07 |
| Agreeableness | 18 | 28,630 | .08 | .06 | .11 | .07 | .02 | .20 | .08 | .14 |
| Compassion | 2 | 6,767 | .06 | .04 | .08 | .05 | .01 | .15 | .01 | .15 |
| Politeness | 1 | 2,381 | .02 | - | .03 | - | - | - | -.01 | .08 |
| Tender Mindedness | 1 | 97 | .07 | - | .10 | - | - | - | -.15 | .34 |
| Nurturance | 1 | 275 | .02 | - | .03 | - | - | - | -.10 | .16 |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 18 | 27,621 | .06 | .05 | .08 | .06 | .00 | .15 | .05 | .10 |
| Industriousness | 2 | 4,372 | .06 | .03 | .07 | .02 | .04 | .10 | .03 | .11 |
| Orderliness | 1 | 2,362 | .09 | - | .12 | - | - | - | .07 | .16 |
| Achievement | 2 | 1,833 | .16 | .09 | .21 | .10 | .07 | .34 | .07 | .34 |
| Persistence | 1 | 469 | .03 | - | .05 | - | - | - | -.06 | .15 |
| Dependability | 2 | 6,150 | .12 | .08 | .17 | .11 | .02 | .31 | .03 | .30 |
| Cautiousness | 2 | 1,679 | .11 | .02 | .15 | .00 | .15 | .15 | .12 | .18 |
| Order | 3 | 1,950 | .09 | .03 | .11 | .00 | .11 | .11 | .07 | .15 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|--------|------|-----|------|-----|------|------|------|------|
| Extraversion | 20 | 28,733 | .07 | .05 | .08 | .05 | .02 | .15 | .06 | .11 |
| Enthusiasm | 21 | 38,638 | .14 | .03 | .19 | .02 | .17 | .21 | .17 | .20 |
| Assertiveness | 1 | 2,341 | .09 | - | .12 | - | - | - | .07 | .16 |
| Dominance | 1 | 275 | .14 | - | .19 | - | - | - | .06 | .32 |
| Activity | 4 | 9,076 | .03 | .02 | .04 | .01 | .02 | .06 | .02 | .07 |
| Positive Emotionality | 2 | 3,829 | .11 | .05 | .15 | .06 | .07 | .23 | .07 | .23 |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | 2 | 2,138 | -.07 | .04 | -.09 | .03 | -.13 | -.06 | -.15 | -.03 |
| Openness | 20 | 27,915 | .15 | .09 | .20 | .11 | .06 | .34 | .16 | .24 |
| Experiencing | 2 | 4,366 | -.04 | .15 | -.06 | .20 | -.31 | .20 | -.29 | .18 |
| Intellect | 1 | 2,366 | .17 | - | .22 | - | - | - | .18 | .26 |
| Need for Cognition | 1 | 1,567 | .17 | - | .20 | - | - | - | .15 | .25 |
| Ideas | 1 | 70 | .16 | - | .21 | - | - | - | -.05 | .47 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | 1 | 70 | .42 | - | .56 | - | - | - | .35 | .78 |
| Aesthetics | 1 | 70 | .12 | - | .16 | - | - | - | -.10 | .41 |
| Non Traditional | 3 | 3,662 | .13 | .24 | .19 | .33 | -.24 | .62 | -.13 | .51 |
| Variety Seeking | 2 | 549 | -.02 | .13 | -.03 | .16 | -.23 | .17 | -.24 | .18 |
| Factor Alpha | 5 | 6,751 | .10 | .04 | .13 | .03 | .09 | .17 | .09 | .17 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | 1 | 474 | .22 | - | .28 | - | - | - | .19 | .37 |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 12 | 15,637 | .10 | .03 | .13 | .00 | .13 | .13 | .11 | .15 |
| compound: Locus of Control | 25 | 47,592 | .11 | .08 | .16 | .10 | .02 | .29 | .12 | .19 |
| compound: Optimism | 11 | 35,360 | .12 | .03 | .16 | .03 | .11 | .20 | .13 | .18 |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|-----|-----|------|------|
| compound: Routine Seeking | 1 | 2,041 | -.12 | - | -.16 | - | - | - | -.20 | -.11 |
| compound: Resourcefulness | 1 | 2,041 | .17 | - | .23 | - | - | - | .18 | .27 |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | 1 | 97 | -.04 | - | -.05 | - | - | - | -.27 | .17 |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 1 | 70 | .19 | - | .26 | - | - | - | .00 | .52 |
| compound: Warmth | 5 | 7,131 | .13 | .05 | .17 | .05 | .10 | .24 | .12 | .22 |
| compound: Grandiosity and Intimidation | 1 | 97 | .00 | - | .00 | - | - | - | -.25 | .25 |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 1 | 874 | -.03 | - | -.04 | - | - | - | -.12 | .04 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S15. Meta-analytic results describing personality traits’ relations with memory--long term storage and retrieval---learning efficiency----long term visual memory.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 6 | 1,807 | -.02 | .05 | -.03 | .00 | -.03 | -.03 | -.07 | .01 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | - | - | - | - | - | - | - | - | - | - |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 5 | 1,538 | .04 | .04 | .05 | .00 | .05 | .05 | .01 | .09 |
| Industriousness | 1 | 269 | .15 | - | .19 | - | - | - | .07 | .32 |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|-------|------|-----|------|-----|------|-----|------|-----|
| Extraversion | 6 | 1,807 | .02 | .04 | .02 | .00 | .02 | .02 | -.01 | .06 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | - | - | - | - | - | - | - | - | - | - |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | 6 | 1,746 | .02 | .03 | .02 | .00 | .02 | .02 | .00 | .05 |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 1 | 269 | .20 | - | .27 | - | - | - | .14 | .40 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 1 | 269 | .03 | - | .04 | - | - | - | -.09 | .18 |
| Factor Beta | 5 | 1,538 | -.03 | .06 | -.04 | .03 | -.08 | .00 | -.10 | .02 |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|-----|---|-----|---|---|---|------|-----|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 1 | 269 | .08 | - | .10 | - | - | - | -.03 | .23 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | 1 | 269 | .17 | - | .23 | - | - | - | .10 | .36 |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S16. Meta-analytic results describing personality traits’ relations with memory--long term storage and retrieval---retrieval fluency.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 20 | 3,842 | -.03 | .09 | -.03 | .06 | -.11 | .04 | -.08 | .01 |
| Withdrawal | 2 | 1,499 | -.13 | .00 | -.17 | .00 | -.17 | -.17 | -.17 | -.17 |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | 1 | 972 | -.08 | - | -.11 | - | - | - | -.18 | -.04 |
| Depression | 1 | 26 | .06 | - | .08 | - | - | - | -.37 | .52 |
| Anxiety | 3 | 696 | -.08 | .11 | -.11 | .12 | -.26 | .05 | -.25 | .03 |
| Anxiety (Test) | 1 | 212 | -.25 | - | -.32 | - | - | - | -.45 | -.18 |
| Uneven Tempered | 4 | 1,325 | -.03 | .03 | -.04 | .00 | -.04 | -.04 | -.07 | .00 |
| Suspiciousness | 1 | 1,011 | -.13 | - | -.19 | - | - | - | -.26 | -.11 |
| Agreeableness | 10 | 2,366 | .06 | .08 | .08 | .07 | .00 | .17 | .03 | .14 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 2 | 220 | .02 | .01 | .03 | .00 | .03 | .03 | .02 | .04 |
| Conscientiousness | 9 | 1,950 | .05 | .09 | .07 | .07 | -.02 | .16 | .00 | .13 |
| Industriousness | 1 | 100 | .17 | - | .23 | - | - | - | .01 | .44 |
| Orderliness | 2 | 220 | -.03 | .04 | -.04 | .00 | -.04 | -.04 | -.11 | .03 |
| Achievement | 5 | 2,585 | .11 | .11 | .15 | .14 | -.03 | .33 | .04 | .27 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | 3 | 1,559 | .14 | .14 | .21 | .18 | -.03 | .44 | .02 | .39 |
| Cautiousness | 3 | 1,642 | .04 | .16 | .05 | .21 | -.21 | .31 | -.15 | .25 |
| Order | 1 | 1,241 | .09 | - | .13 | - | - | - | .06 | .19 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|-------|------|-----|------|-----|------|-----|------|-----|
| Extraversion | 15 | 2,768 | .10 | .14 | .13 | .15 | -.07 | .32 | .05 | .20 |
| Enthusiasm | 4 | 1,985 | .08 | .06 | .11 | .05 | .04 | .18 | .04 | .18 |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 3 | 438 | .21 | .07 | .29 | .00 | .29 | .29 | .21 | .38 |
| Activity | 2 | 365 | .16 | .01 | .23 | .00 | .23 | .23 | .20 | .25 |
| Positive Emotionality | 1 | 962 | .09 | - | .13 | - | - | - | .06 | .20 |
| Sociability | 2 | 318 | .11 | .16 | .14 | .18 | -.09 | .37 | -.10 | .39 |
| Sensation Seeking | 3 | 399 | .26 | .05 | .36 | .00 | .36 | .36 | .30 | .43 |
| Openness | 13 | 2,438 | .18 | .16 | .25 | .19 | .00 | .49 | .15 | .35 |
| Experiencing | 2 | 220 | .14 | .04 | .20 | .00 | .20 | .20 | .13 | .26 |
| Intellect | 4 | 1,141 | .07 | .20 | .09 | .26 | -.24 | .42 | -.13 | .32 |
| Need for Cognition | 1 | 1,015 | .08 | - | .11 | - | - | - | .04 | .17 |
| Ideas | 2 | 358 | .29 | .06 | .40 | .00 | .40 | .40 | .31 | .49 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 1 | 100 | -.07 | - | -.10 | - | - | - | -.35 | .14 |
| Fantasy | 1 | 258 | .21 | - | .29 | - | - | - | .15 | .42 |
| Aesthetics | 1 | 258 | .23 | - | .31 | - | - | - | .18 | .44 |
| Non Traditional | 4 | 1,891 | .02 | .14 | .03 | .19 | -.21 | .27 | -.13 | .19 |
| Variety Seeking | 1 | 225 | .19 | - | .28 | - | - | - | .12 | .44 |
| Factor Alpha | 5 | 664 | .01 | .10 | .02 | .07 | -.07 | .11 | -.08 | .12 |
| Factor Beta | 3 | 290 | .09 | .18 | .12 | .21 | -.15 | .38 | -.12 | .35 |
| General Factor of Personality | 2 | 300 | .20 | .02 | .27 | .00 | .27 | .27 | .24 | .30 |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | 1 | 100 | .19 | - | .26 | - | - | - | .04 | .47 |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | 1 | 320 | .12 | - | .16 | - | - | - | .04 | .27 |
| compound: Self Esteem | 6 | 1,905 | .11 | .07 | .15 | .06 | .07 | .22 | .08 | .21 |
| compound: Locus of Control | 8 | 3,355 | -.01 | .14 | -.01 | .20 | -.27 | .24 | -.14 | .11 |
| compound: Optimism | 1 | 1,031 | .12 | - | .16 | - | - | - | .09 | .23 |

| | | | | | | | | | | |
|---|---|-----|------|-----|------|-----|------|-----|------|------|
| compound: Routine Seeking | 1 | 100 | .02 | - | .03 | - | - | - | -.19 | .25 |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | 2 | 300 | .11 | .18 | .14 | .21 | -.13 | .42 | -.14 | .42 |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 3 | 438 | -.04 | .12 | -.06 | .11 | -.20 | .09 | -.21 | .10 |
| compound: Self Control | 1 | 100 | -.28 | - | -.38 | - | - | - | -.58 | -.17 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 1 | 258 | .28 | - | .39 | - | - | - | .26 | .52 |
| compound: Warmth | 2 | 220 | .08 | .10 | .11 | .05 | .04 | .17 | -.06 | .27 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 1 | 100 | .45 | - | .60 | - | - | - | .43 | .78 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | 2 | 227 | .10 | .10 | .14 | .04 | .08 | .19 | -.02 | .29 |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | 2 | 788 | .13 | .11 | .17 | .14 | .00 | .35 | .00 | .35 |
| compound: Judging-Perceiving | 1 | 320 | .00 | - | .00 | - | - | - | -.13 | .13 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 1 | 100 | .05 | - | .07 | - | - | - | -.16 | .30 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S17. Meta-analytic results describing personality traits’ relations with memory--long term storage and retrieval---retrieval fluency----ideational fluency.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 44 | 25,939 | -.06 | .06 | -.07 | .06 | -.15 | .00 | -.09 | -.05 |
| Withdrawal | 6 | 4,739 | -.11 | .05 | -.14 | .04 | -.19 | -.09 | -.18 | -.10 |
| Volatility | 4 | 2,841 | -.05 | .03 | -.06 | .00 | -.06 | -.06 | -.09 | -.03 |
| Negative Affect | 2 | 293 | .08 | .17 | .11 | .20 | -.15 | .36 | -.15 | .37 |
| Depression | 6 | 8,613 | -.10 | .06 | -.13 | .07 | -.22 | -.05 | -.18 | -.08 |
| Anxiety | 12 | 5,507 | -.08 | .06 | -.10 | .05 | -.17 | -.03 | -.14 | -.06 |
| Anxiety (Test) | 3 | 1,552 | -.09 | .11 | -.11 | .12 | -.27 | .05 | -.24 | .02 |
| Uneven Tempered | 12 | 5,251 | -.05 | .05 | -.07 | .02 | -.09 | -.05 | -.10 | -.04 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 22 | 17,135 | .02 | .04 | .03 | .00 | .03 | .03 | .01 | .04 |
| Compassion | 5 | 4,257 | .02 | .03 | .03 | .00 | .03 | .03 | .00 | .05 |
| Politeness | 3 | 238 | -.05 | .11 | -.07 | .00 | -.07 | -.07 | -.21 | .07 |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | 3 | 238 | .02 | .10 | .03 | .00 | .03 | .03 | -.09 | .15 |
| Modesty | 1 | 2,603 | -.13 | - | -.17 | - | - | - | -.22 | -.13 |
| Non Manipulative | 5 | 1,157 | -.11 | .05 | -.15 | .00 | -.15 | -.15 | -.20 | -.10 |
| Conscientiousness | 22 | 18,060 | .00 | .07 | .00 | .07 | -.09 | .09 | -.03 | .03 |
| Industriousness | 5 | 830 | .07 | .07 | .09 | .00 | .09 | .09 | .02 | .16 |
| Orderliness | 12 | 2,130 | .05 | .08 | .06 | .04 | .01 | .12 | .01 | .12 |
| Achievement | 3 | 890 | .14 | .05 | .18 | .00 | .18 | .18 | .11 | .25 |
| Persistence | 11 | 2,754 | .10 | .14 | .13 | .17 | -.09 | .35 | .04 | .22 |
| Dependability | 5 | 4,760 | .08 | .06 | .11 | .07 | .01 | .20 | .04 | .17 |
| Cautiousness | 10 | 4,734 | -.07 | .07 | -.10 | .06 | -.18 | -.02 | -.14 | -.05 |
| Order | 5 | 1,730 | -.01 | .07 | -.02 | .07 | -.10 | .07 | -.09 | .06 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|--------|------|-----|------|-----|------|------|------|-----|
| Extraversion | 39 | 21,168 | .13 | .08 | .16 | .09 | .05 | .28 | .13 | .19 |
| Enthusiasm | 5 | 4,206 | .05 | .03 | .07 | .00 | .07 | .07 | .04 | .09 |
| Assertiveness | 3 | 238 | .20 | .21 | .26 | .23 | -.04 | .55 | .00 | .52 |
| Dominance | 12 | 4,569 | .12 | .09 | .16 | .09 | .04 | .28 | .10 | .21 |
| Activity | 6 | 3,788 | .19 | .07 | .25 | .08 | .15 | .35 | .19 | .32 |
| Positive Emotionality | 1 | 2,603 | .19 | - | .25 | - | - | - | .21 | .29 |
| Sociability | 1 | 2,603 | .14 | - | .18 | - | - | - | .13 | .22 |
| Sensation Seeking | 11 | 4,363 | .09 | .08 | .13 | .09 | .02 | .24 | .07 | .18 |
| Openness | 26 | 11,141 | .15 | .10 | .20 | .11 | .06 | .34 | .16 | .24 |
| Experiencing | 15 | 2,873 | .05 | .05 | .07 | .00 | .07 | .07 | .04 | .10 |
| Intellect | 10 | 1,894 | .15 | .10 | .19 | .09 | .07 | .31 | .12 | .26 |
| Need for Cognition | 1 | 102 | .18 | - | .22 | - | - | - | .03 | .42 |
| Ideas | 7 | 3,912 | .15 | .06 | .21 | .06 | .13 | .28 | .15 | .26 |
| Curiosity | 2 | 479 | .11 | .08 | .15 | .06 | .08 | .22 | .03 | .27 |
| Introspection | 5 | 766 | .08 | .07 | .12 | .00 | .12 | .12 | .04 | .19 |
| Fantasy | 6 | 3,508 | .14 | .07 | .18 | .07 | .10 | .27 | .12 | .24 |
| Aesthetics | 3 | 2,911 | .09 | .03 | .12 | .00 | .12 | .12 | .08 | .16 |
| Non Traditional | 13 | 4,904 | .10 | .11 | .15 | .13 | -.02 | .31 | .08 | .22 |
| Variety Seeking | 6 | 3,508 | .16 | .08 | .23 | .10 | .11 | .36 | .16 | .31 |
| Factor Alpha | 17 | 5,739 | .05 | .08 | .06 | .08 | -.04 | .17 | .02 | .11 |
| Factor Beta | 7 | 1,850 | .11 | .13 | .14 | .16 | -.06 | .34 | .03 | .25 |
| General Factor of Personality | 3 | 551 | .11 | .04 | .14 | .00 | .14 | .14 | .09 | .19 |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | 2 | 319 | -.01 | .06 | -.01 | .00 | -.01 | -.01 | -.11 | .08 |
| compound: Innovation | 1 | 404 | .10 | - | .13 | - | - | - | .02 | .23 |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | 1 | 112 | .11 | - | .14 | - | - | - | -.06 | .35 |
| compound: Narcissism | 2 | 564 | .03 | .06 | .04 | .00 | .04 | .04 | -.04 | .13 |
| compound: Self Esteem | 10 | 8,277 | .09 | .05 | .12 | .05 | .06 | .18 | .09 | .16 |
| compound: Locus of Control | 2 | 300 | .08 | .02 | .11 | .00 | .11 | .11 | .07 | .15 |
| compound: Optimism | 4 | 4,524 | .10 | .07 | .13 | .08 | .03 | .23 | .05 | .20 |

| | | | | | | | | | | |
|---|----|-------|------|-----|------|-----|------|------|------|------|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | 2 | 300 | .04 | .26 | .06 | .32 | -.36 | .47 | -.34 | .45 |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 3 | 838 | -.04 | .03 | -.05 | .00 | -.05 | -.05 | -.09 | -.01 |
| compound: Self Control | 4 | 350 | .05 | .15 | .07 | .13 | -.10 | .24 | -.09 | .23 |
| compound: Risk Taking | 2 | 433 | .02 | .01 | .03 | .00 | .03 | .03 | .02 | .04 |
| compound: Openness to Emotions | 3 | 2,911 | .18 | .01 | .24 | .00 | .24 | .24 | .23 | .26 |
| compound: Warmth | 11 | 8,169 | .08 | .07 | .11 | .08 | .02 | .21 | .07 | .16 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 2 | 386 | .03 | .16 | .04 | .19 | -.21 | .28 | -.21 | .29 |
| compound: Tolerance | 1 | 127 | .18 | - | .24 | - | - | - | .05 | .43 |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | 4 | 459 | .20 | .11 | .27 | .07 | .18 | .36 | .15 | .38 |
| compound: Judging-Perceiving | 13 | 5,598 | -.09 | .08 | -.13 | .08 | -.23 | -.02 | -.17 | -.08 |
| compound: Cold Efficiency | 6 | 1,188 | -.02 | .07 | -.04 | .03 | -.07 | .00 | -.11 | .04 |
| compound: Rugged Individualism | 1 | 298 | .16 | - | .21 | - | - | - | .09 | .34 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S18. Meta-analytic results describing personality traits’ relations with memory--long term storage and retrieval---retrieval fluency----associational fluency.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 17 | 5,043 | -.05 | .04 | -.06 | .00 | -.06 | -.06 | -.09 | -.04 |
| Withdrawal | 1 | 2,230 | -.08 | - | -.10 | - | - | - | -.15 | -.06 |
| Volatility | 1 | 2,342 | -.06 | - | -.08 | - | - | - | -.12 | -.04 |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 2 | 433 | .05 | .04 | .07 | .00 | .07 | .07 | .01 | .13 |
| Anxiety | 3 | 728 | -.07 | .09 | -.08 | .09 | -.19 | .03 | -.20 | .03 |
| Anxiety (Test) | 1 | 212 | -.24 | - | -.30 | - | - | - | -.43 | -.17 |
| Uneven Tempered | 3 | 617 | .03 | .05 | .03 | .00 | .03 | .03 | -.02 | .09 |
| Suspiciousness | 2 | 156 | .08 | .05 | .11 | .00 | .11 | .11 | .03 | .19 |
| Agreeableness | 13 | 4,114 | .00 | .07 | .00 | .05 | -.06 | .07 | -.04 | .04 |
| Compassion | 1 | 2,371 | -.01 | - | -.02 | - | - | - | -.06 | .03 |
| Politeness | 1 | 2,378 | .01 | - | .01 | - | - | - | -.03 | .06 |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 3 | 617 | -.11 | .07 | -.15 | .01 | -.17 | -.13 | -.25 | -.06 |
| Conscientiousness | 7 | 3,176 | .08 | .05 | .10 | .03 | .07 | .14 | .06 | .14 |
| Industriousness | 1 | 2,327 | .11 | - | .14 | - | - | - | .10 | .19 |
| Orderliness | 6 | 3,409 | .04 | .04 | .06 | .00 | .06 | .06 | .03 | .09 |
| Achievement | 2 | 348 | .09 | .23 | .12 | .28 | -.25 | .48 | -.23 | .46 |
| Persistence | 3 | 655 | .01 | .18 | .02 | .22 | -.26 | .30 | -.21 | .24 |
| Dependability | 1 | 212 | .08 | - | .11 | - | - | - | -.05 | .26 |
| Cautiousness | 3 | 660 | -.04 | .08 | -.06 | .06 | -.14 | .02 | -.16 | .05 |
| Order | 2 | 433 | -.05 | .04 | -.07 | .00 | -.07 | -.07 | -.13 | -.01 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|-------|------|-----|------|-----|------|-----|------|-----|
| Extraversion | 11 | 4,123 | .08 | .08 | .10 | .08 | -.01 | .20 | .05 | .15 |
| Enthusiasm | 1 | 2,267 | .14 | - | .18 | - | - | - | .13 | .22 |
| Assertiveness | 1 | 2,338 | .12 | - | .16 | - | - | - | .11 | .20 |
| Dominance | 7 | 1,206 | .07 | .08 | .09 | .05 | .03 | .15 | .02 | .16 |
| Activity | 4 | 589 | .03 | .04 | .04 | .00 | .04 | .04 | .00 | .08 |
| Positive Emotionality | 1 | 2,354 | .07 | - | .09 | - | - | - | .04 | .13 |
| Sociability | 2 | 156 | .09 | .12 | .11 | .06 | .03 | .19 | -.07 | .30 |
| Sensation Seeking | 4 | 844 | .02 | .13 | .02 | .14 | -.16 | .20 | -.12 | .16 |
| Openness | 9 | 3,685 | .19 | .10 | .24 | .11 | .10 | .38 | .17 | .31 |
| Experiencing | 6 | 3,372 | .09 | .04 | .12 | .00 | .12 | .12 | .08 | .16 |
| Intellect | 6 | 3,451 | .15 | .11 | .19 | .13 | .02 | .36 | .10 | .29 |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 4 | 920 | .22 | .19 | .30 | .23 | -.01 | .60 | .09 | .50 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 3 | 368 | .01 | .06 | .02 | .00 | .02 | .02 | -.06 | .10 |
| Fantasy | 3 | 691 | .05 | .16 | .07 | .19 | -.18 | .32 | -.13 | .27 |
| Aesthetics | 1 | 258 | .27 | - | .35 | - | - | - | .23 | .48 |
| Non Traditional | 6 | 1,525 | .09 | .15 | .13 | .18 | -.11 | .36 | -.01 | .26 |
| Variety Seeking | 3 | 691 | .01 | .09 | .02 | .09 | -.09 | .13 | -.10 | .14 |
| Factor Alpha | 6 | 830 | .02 | .07 | .02 | .00 | .02 | .02 | -.04 | .09 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | 2 | 300 | .06 | .07 | .08 | .00 | .08 | .08 | -.03 | .18 |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | 2 | 319 | -.01 | .09 | -.02 | .06 | -.10 | .06 | -.16 | .12 |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | 1 | 320 | .03 | - | .04 | - | - | - | -.08 | .16 |
| compound: Self Esteem | 7 | 1,284 | .07 | .09 | .09 | .06 | .01 | .17 | .02 | .16 |
| compound: Locus of Control | 3 | 2,515 | .10 | .04 | .14 | .01 | .12 | .16 | .09 | .19 |
| compound: Optimism | 1 | 2,126 | .15 | - | .20 | - | - | - | .15 | .24 |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|------|------|------|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | 2 | 300 | .02 | .17 | .03 | .19 | -.22 | .28 | -.22 | .29 |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 3 | 454 | -.01 | .05 | -.02 | .00 | -.02 | -.02 | -.08 | .04 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | 2 | 433 | .09 | .06 | .12 | .00 | .12 | .12 | .03 | .20 |
| compound: Openness to Emotions | 1 | 258 | .29 | - | .39 | - | - | - | .26 | .52 |
| compound: Warmth | 5 | 829 | .01 | .04 | .01 | .00 | .01 | .01 | -.03 | .05 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 3 | 372 | .11 | .15 | .14 | .16 | -.07 | .35 | -.05 | .33 |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | 1 | 199 | .18 | - | .24 | - | - | - | .09 | .39 |
| compound: Judging-Perceiving | 6 | 1,494 | -.09 | .14 | -.12 | .18 | -.35 | .10 | -.25 | .01 |
| compound: Cold Efficiency | 3 | 731 | -.08 | .02 | -.12 | .00 | -.12 | -.12 | -.15 | -.09 |
| compound: Rugged Individualism | 3 | 454 | .10 | .12 | .14 | .12 | -.01 | .29 | -.01 | .29 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S19. Meta-analytic results describing personality traits’ relations with memory--long term storage and retrieval---retrieval fluency----expressional fluency.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 11 | 2,045 | -.06 | .08 | -.08 | .04 | -.14 | -.02 | -.13 | -.03 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 2 | 433 | .06 | .01 | .08 | .00 | .08 | .08 | .07 | .08 |
| Anxiety | 4 | 808 | -.04 | .09 | -.06 | .06 | -.14 | .02 | -.15 | .03 |
| Anxiety (Test) | 1 | 212 | -.17 | - | -.22 | - | - | - | -.36 | -.08 |
| Uneven Tempered | 4 | 957 | -.03 | .07 | -.04 | .05 | -.10 | .02 | -.12 | .04 |
| Suspiciousness | 2 | 156 | -.05 | .06 | -.08 | .00 | -.08 | -.08 | -.18 | .03 |
| Agreeableness | 7 | 974 | .03 | .11 | .04 | .10 | -.09 | .17 | -.05 | .13 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 4 | 957 | -.12 | .05 | -.17 | .00 | -.17 | -.17 | -.22 | -.11 |
| Conscientiousness | 4 | 688 | -.04 | .07 | -.06 | .00 | -.06 | -.06 | -.14 | .03 |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | 7 | 1,554 | .02 | .06 | .02 | .00 | .02 | .02 | -.03 | .08 |
| Achievement | 1 | 298 | .05 | - | .07 | - | - | - | -.06 | .20 |
| Persistence | 4 | 819 | -.07 | .17 | -.10 | .21 | -.36 | .17 | -.29 | .09 |
| Dependability | 2 | 376 | -.14 | .14 | -.20 | .17 | -.42 | .01 | -.43 | .03 |
| Cautiousness | 3 | 660 | -.09 | .06 | -.12 | .00 | -.12 | -.12 | -.20 | -.04 |
| Order | 3 | 597 | -.12 | .17 | -.16 | .21 | -.44 | .11 | -.39 | .06 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|-------|------|-----|------|-----|------|------|------|------|
| Extraversion | 5 | 1,156 | .06 | .07 | .08 | .04 | .03 | .14 | .01 | .15 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 8 | 1,546 | .10 | .08 | .14 | .05 | .07 | .21 | .07 | .20 |
| Activity | 4 | 589 | .03 | .10 | .04 | .09 | -.07 | .15 | -.07 | .16 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 2 | 156 | .08 | .04 | .11 | .00 | .11 | .11 | .04 | .17 |
| Sensation Seeking | 5 | 1,184 | .02 | .09 | .03 | .09 | -.09 | .15 | -.06 | .13 |
| Openness | 3 | 837 | .16 | .11 | .22 | .12 | .07 | .37 | .08 | .35 |
| Experiencing | 6 | 1,390 | .06 | .07 | .09 | .04 | .03 | .14 | .02 | .16 |
| Intellect | 6 | 1,252 | .00 | .11 | .00 | .11 | -.14 | .15 | -.09 | .10 |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 4 | 855 | .10 | .09 | .14 | .08 | .04 | .24 | .04 | .25 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 4 | 532 | .15 | .09 | .22 | .04 | .17 | .28 | .11 | .34 |
| Fantasy | 4 | 855 | .06 | .10 | .08 | .11 | -.05 | .22 | -.03 | .20 |
| Aesthetics | 1 | 258 | .20 | - | .27 | - | - | - | .14 | .41 |
| Non Traditional | 8 | 1,461 | .09 | .07 | .13 | .00 | .13 | .13 | .07 | .19 |
| Variety Seeking | 4 | 855 | .11 | .07 | .17 | .00 | .17 | .17 | .09 | .25 |
| Factor Alpha | 5 | 722 | .06 | .12 | .08 | .11 | -.06 | .23 | -.04 | .20 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | 2 | 300 | .20 | .07 | .27 | .00 | .27 | .27 | .16 | .38 |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | 2 | 319 | -.09 | .01 | -.13 | .00 | -.13 | -.13 | -.15 | -.11 |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 6 | 1,176 | .13 | .06 | .18 | .00 | .18 | .18 | .13 | .24 |
| compound: Locus of Control | 2 | 300 | .15 | .09 | .22 | .05 | .16 | .29 | .07 | .37 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|------|------|------|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | 2 | 300 | .13 | .10 | .18 | .07 | .09 | .27 | .03 | .33 |
| compound: Stress Tolerance | 1 | 113 | .11 | - | .15 | - | - | - | -.06 | .36 |
| compound: Trust | 4 | 794 | -.04 | .04 | -.05 | .00 | -.05 | -.05 | -.09 | -.01 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | 2 | 433 | .04 | .02 | .06 | .00 | .06 | .06 | .02 | .09 |
| compound: Openness to Emotions | 1 | 258 | .19 | - | .27 | - | - | - | .13 | .41 |
| compound: Warmth | 5 | 1,060 | .10 | .03 | .13 | .00 | .13 | .13 | .10 | .17 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 1 | 113 | .18 | - | .24 | - | - | - | .04 | .44 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 3 | 372 | .00 | .12 | .00 | .11 | -.14 | .14 | -.15 | .15 |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | 1 | 199 | .21 | - | .29 | - | - | - | .14 | .45 |
| compound: Judging-Perceiving | 8 | 1,430 | -.12 | .09 | -.17 | .07 | -.27 | -.08 | -.25 | -.10 |
| compound: Cold Efficiency | 6 | 987 | -.04 | .07 | -.07 | .00 | -.07 | -.07 | -.14 | .00 |
| compound: Rugged Individualism | 3 | 454 | .11 | .10 | .16 | .08 | .06 | .26 | .03 | .29 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S20. Meta-analytic results describing personality traits’ relations with memory--long term storage and retrieval---retrieval fluency----sensitivity to problems and alternative solutions.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 4 | 554 | -.07 | .03 | -.09 | .00 | -.09 | -.09 | -.12 | -.06 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 1 | 298 | -.02 | - | -.03 | - | - | - | -.15 | .10 |
| Suspiciousness | 2 | 156 | .04 | .09 | .05 | .00 | .05 | .05 | -.10 | .20 |
| Agreeableness | 2 | 156 | -.14 | .09 | -.18 | .00 | -.18 | -.18 | -.32 | -.04 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 1 | 298 | -.14 | - | -.19 | - | - | - | -.32 | -.06 |
| Conscientiousness | - | - | - | - | - | - | - | - | - | - |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | 1 | 298 | .09 | - | .12 | - | - | - | -.01 | .25 |
| Achievement | 1 | 298 | .08 | - | .10 | - | - | - | -.03 | .23 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|-----|------|-----|------|-----|-----|-----|------|------|
| Extraversion | 2 | 398 | .10 | .06 | .13 | .00 | .13 | .13 | .04 | .22 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 3 | 454 | .18 | .04 | .24 | .00 | .24 | .24 | .19 | .28 |
| Activity | 2 | 156 | .20 | .02 | .27 | .00 | .27 | .27 | .24 | .30 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 2 | 156 | .08 | .04 | .11 | .00 | .11 | .11 | .04 | .17 |
| Sensation Seeking | 1 | 298 | .12 | - | .17 | - | - | - | .04 | .29 |
| Openness | 1 | 298 | .14 | - | .19 | - | - | - | .06 | .31 |
| Experiencing | 1 | 298 | .11 | - | .15 | - | - | - | .02 | .28 |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 2 | 156 | .03 | .06 | .04 | .00 | .04 | .04 | -.07 | .15 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | 4 | 504 | .13 | .08 | .19 | .00 | .19 | .19 | .10 | .28 |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 1 | 100 | -.45 | - | -.60 | - | - | - | -.78 | -.43 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|------|-----|------|-----|------|------|------|------|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 3 | 454 | -.07 | .13 | -.10 | .13 | -.27 | .07 | -.26 | .06 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 1 | 298 | .04 | - | .06 | - | - | - | -.07 | .19 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 2 | 156 | -.02 | .03 | -.03 | .00 | -.03 | -.03 | -.07 | .02 |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 3 | 390 | -.23 | .15 | -.33 | .16 | -.54 | -.12 | -.53 | -.13 |
| compound: Cold Efficiency | 3 | 390 | -.07 | .02 | -.10 | .00 | -.10 | -.10 | -.13 | -.07 |
| compound: Rugged Individualism | 3 | 454 | .09 | .04 | .13 | .00 | .13 | .13 | .08 | .18 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S21. Meta-analytic results describing personality traits’ relations with memory--long term storage and retrieval---retrieval fluency----originality and creativity.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 35 | 5,687 | -.02 | .12 | -.03 | .11 | -.17 | .11 | -.07 | .01 |
| Withdrawal | 5 | 790 | -.09 | .07 | -.12 | .00 | -.12 | -.12 | -.19 | -.05 |
| Volatility | 4 | 783 | .01 | .08 | .01 | .05 | -.05 | .08 | -.08 | .10 |
| Negative Affect | 2 | 293 | .07 | .12 | .10 | .11 | -.04 | .23 | -.08 | .27 |
| Depression | 3 | 1,378 | -.02 | .06 | -.03 | .06 | -.11 | .04 | -.12 | .05 |
| Anxiety | 9 | 2,629 | .00 | .09 | -.01 | .08 | -.11 | .10 | -.07 | .06 |
| Anxiety (Test) | 1 | 945 | .05 | - | .06 | - | - | - | -.01 | .13 |
| Uneven Tempered | 12 | 363,640 | -.19 | .02 | -.25 | .00 | -.25 | -.25 | -.26 | -.24 |
| Suspiciousness | 3 | 378 | -.05 | .04 | -.08 | .00 | -.08 | -.08 | -.13 | -.02 |
| Agreeableness | 20 | 3,054 | .04 | .11 | .06 | .10 | -.07 | .18 | .00 | .11 |
| Compassion | 4 | 360,973 | .14 | .00 | .19 | .00 | .19 | .19 | .19 | .20 |
| Politeness | 3 | 238 | -.08 | .09 | -.11 | .00 | -.11 | -.11 | -.22 | .01 |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | 1 | 94 | -.09 | - | -.12 | - | - | - | -.35 | .11 |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | 4 | 783 | -.03 | .06 | -.04 | .00 | -.04 | -.04 | -.10 | .02 |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 6 | 1,177 | -.04 | .06 | -.06 | .00 | -.06 | -.06 | -.12 | .00 |
| Conscientiousness | 14 | 2,113 | -.03 | .12 | -.03 | .12 | -.19 | .12 | -.11 | .04 |
| Industriousness | 4 | 360,973 | .20 | .01 | .26 | .00 | .26 | .26 | .26 | .27 |
| Orderliness | 13 | 2,557 | .03 | .10 | .04 | .09 | -.08 | .16 | -.02 | .10 |
| Achievement | 3 | 972 | .09 | .09 | .12 | .10 | -.01 | .25 | .00 | .24 |
| Persistence | 11 | 2,413 | .02 | .10 | .03 | .09 | -.09 | .15 | -.04 | .09 |
| Dependability | 2 | 376 | -.08 | .03 | -.11 | .00 | -.11 | -.11 | -.17 | -.05 |
| Cautiousness | 8 | 362,578 | -.06 | .01 | -.09 | .00 | -.09 | -.09 | -.09 | -.08 |
| Order | 5 | 362,277 | .10 | .01 | .14 | .00 | .14 | .14 | .13 | .15 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|---------|------|-----|------|-----|------|-----|------|-----|
| Extraversion | 27 | 4,938 | .09 | .17 | .12 | .20 | -.13 | .38 | .05 | .19 |
| Enthusiasm | 3 | 238 | .00 | .13 | .00 | .09 | -.12 | .12 | -.17 | .17 |
| Assertiveness | 3 | 238 | .19 | .22 | .24 | .25 | -.07 | .56 | -.03 | .52 |
| Dominance | 14 | 362,805 | .06 | .01 | .09 | .00 | .09 | .09 | .08 | .09 |
| Activity | 9 | 361,957 | .14 | .01 | .20 | .00 | .20 | .20 | .19 | .20 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 7 | 361,815 | .08 | .01 | .10 | .01 | .09 | .11 | .09 | .11 |
| Sensation Seeking | 10 | 1,642 | .03 | .14 | .05 | .15 | -.15 | .24 | -.05 | .14 |
| Openness | 19 | 3,306 | .16 | .09 | .22 | .06 | .14 | .29 | .17 | .26 |
| Experiencing | 15 | 363,025 | .12 | .01 | .17 | .00 | .17 | .17 | .16 | .17 |
| Intellect | 9 | 1,654 | .03 | .16 | .04 | .18 | -.20 | .28 | -.07 | .15 |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 5 | 949 | .13 | .13 | .18 | .15 | -.01 | .37 | .05 | .31 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 8 | 1,068 | .11 | .09 | .16 | .04 | .10 | .21 | .08 | .24 |
| Fantasy | 4 | 855 | .04 | .06 | .05 | .00 | .05 | .05 | -.02 | .12 |
| Aesthetics | 2 | 352 | .13 | .05 | .17 | .00 | .17 | .17 | .08 | .26 |
| Non Traditional | 10 | 2,076 | .09 | .10 | .12 | .09 | .00 | .24 | .05 | .20 |
| Variety Seeking | 4 | 855 | .05 | .04 | .07 | .00 | .07 | .07 | .02 | .12 |
| Factor Alpha | 13 | 1,512 | .00 | .23 | .00 | .29 | -.37 | .37 | -.14 | .15 |
| Factor Beta | 3 | 375 | .26 | .05 | .34 | .00 | .34 | .34 | .27 | .41 |
| General Factor of Personality | 2 | 300 | .22 | .01 | .29 | .00 | .29 | .29 | .28 | .30 |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | 1 | 216 | -.04 | - | -.05 | - | - | - | -.20 | .10 |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | 1 | 112 | .15 | - | .20 | - | - | - | .00 | .40 |
| compound: Narcissism | 2 | 564 | .05 | .02 | .06 | .00 | .06 | .06 | .03 | .09 |
| compound: Self Esteem | 9 | 362,945 | .16 | .01 | .22 | .00 | .22 | .22 | .22 | .23 |
| compound: Locus of Control | 2 | 300 | .16 | .02 | .24 | .00 | .24 | .24 | .20 | .27 |
| compound: Optimism | 3 | 422 | .03 | .16 | .04 | .18 | -.20 | .27 | -.17 | .24 |

| | | | | | | | | | | |
|---|----|-------|------|-----|------|-----|------|------|------|-----|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | 1 | 545 | .15 | - | .20 | - | - | - | .11 | .29 |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | 2 | 300 | .08 | .18 | .11 | .21 | -.16 | .38 | -.17 | .39 |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 7 | 1,236 | -.02 | .05 | -.02 | .00 | -.02 | -.02 | -.07 | .02 |
| compound: Self Control | 4 | 350 | .06 | .13 | .08 | .09 | -.04 | .19 | -.06 | .22 |
| compound: Risk Taking | 2 | 433 | .05 | .02 | .07 | .00 | .07 | .07 | .04 | .09 |
| compound: Openness to Emotions | 1 | 258 | .05 | - | .07 | - | - | - | -.07 | .21 |
| compound: Warmth | 6 | 1,177 | .04 | .08 | .05 | .06 | -.02 | .13 | -.02 | .13 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 1 | 545 | .16 | - | .21 | - | - | - | .12 | .30 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 4 | 594 | -.02 | .10 | -.02 | .08 | -.13 | .09 | -.14 | .09 |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | 2 | 285 | .15 | .19 | .21 | .24 | -.10 | .51 | -.10 | .52 |
| compound: Judging-Perceiving | 10 | 2,896 | -.05 | .09 | -.07 | .10 | -.21 | .06 | -.14 | .00 |
| compound: Cold Efficiency | 6 | 1,188 | -.08 | .13 | -.11 | .16 | -.32 | .09 | -.24 | .02 |
| compound: Rugged Individualism | 5 | 770 | .06 | .07 | .09 | .00 | .09 | .09 | .01 | .16 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S22. Meta-analytic results describing personality traits’ relations with memory--long term storage and retrieval---retrieval fluency----naming facility and speed of lexical access.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 26 | 32,777 | -.06 | .04 | -.09 | .04 | -.14 | -.04 | -.11 | -.07 |
| Withdrawal | 7 | 9,372 | -.07 | .04 | -.10 | .04 | -.15 | -.04 | -.13 | -.06 |
| Volatility | 1 | 2,350 | -.07 | - | -.10 | - | - | - | -.15 | -.05 |
| Negative Affect | 1 | 1,018 | -.03 | - | -.04 | - | - | - | -.11 | .04 |
| Depression | 13 | 39,502 | -.14 | .09 | -.22 | .13 | -.38 | -.05 | -.28 | -.16 |
| Anxiety | 7 | 6,356 | -.05 | .05 | -.07 | .06 | -.14 | .01 | -.11 | -.02 |
| Anxiety (Test) | 2 | 313 | -.19 | .01 | -.26 | .00 | -.26 | -.26 | -.27 | -.25 |
| Uneven Tempered | 4 | 1,431 | -.05 | .03 | -.07 | .00 | -.07 | -.07 | -.10 | -.04 |
| Suspiciousness | 1 | 1,068 | .02 | - | .04 | - | - | - | -.04 | .12 |
| Agreeableness | 15 | 20,652 | .03 | .06 | .04 | .08 | -.06 | .14 | .00 | .08 |
| Compassion | 1 | 2,378 | .00 | - | .01 | - | - | - | -.04 | .06 |
| Politeness | 1 | 2,385 | .02 | - | .03 | - | - | - | -.02 | .08 |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 3 | 344 | -.11 | .07 | -.18 | .00 | -.18 | -.18 | -.28 | -.08 |
| Conscientiousness | 16 | 20,663 | .04 | .04 | .05 | .05 | -.01 | .11 | .03 | .08 |
| Industriousness | 1 | 2,335 | .01 | - | .02 | - | - | - | -.03 | .07 |
| Orderliness | 6 | 2,985 | .08 | .05 | .13 | .00 | .13 | .13 | .08 | .18 |
| Achievement | 4 | 1,960 | -.06 | .09 | -.08 | .11 | -.23 | .06 | -.19 | .02 |
| Persistence | 2 | 265 | .01 | .01 | .01 | .00 | .01 | .01 | -.01 | .04 |
| Dependability | 2 | 1,634 | -.08 | .03 | -.13 | .00 | -.13 | -.13 | -.18 | -.08 |
| Cautiousness | 2 | 1,663 | -.03 | .01 | -.04 | .00 | -.04 | -.04 | -.07 | -.02 |
| Order | 2 | 1,635 | -.03 | .01 | -.05 | .00 | -.05 | -.05 | -.06 | -.04 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|--------|------|-----|------|-----|------|------|------|------|
| Extraversion | 20 | 21,717 | .05 | .06 | .08 | .07 | -.01 | .17 | .04 | .11 |
| Enthusiasm | 23 | 39,554 | .12 | .06 | .18 | .07 | .08 | .27 | .15 | .21 |
| Assertiveness | 1 | 2,346 | .04 | - | .06 | - | - | - | .02 | .11 |
| Dominance | 3 | 344 | .14 | .08 | .22 | .00 | .22 | .22 | .10 | .34 |
| Activity | 1 | 8,678 | .07 | - | .10 | - | - | - | .07 | .13 |
| Positive Emotionality | 2 | 3,361 | .04 | .03 | .07 | .04 | .02 | .11 | .01 | .13 |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | 4 | 532 | .14 | .09 | .20 | .00 | .20 | .20 | .10 | .31 |
| Openness | 19 | 20,963 | .14 | .11 | .21 | .15 | .01 | .40 | .14 | .27 |
| Experiencing | 4 | 2,674 | .02 | .04 | .04 | .03 | .00 | .07 | -.02 | .09 |
| Intellect | 3 | 2,746 | .03 | .02 | .05 | .00 | .05 | .05 | .02 | .08 |
| Need for Cognition | 1 | 1,065 | -.05 | - | -.07 | - | - | - | -.14 | .00 |
| Ideas | 1 | 164 | .11 | - | .18 | - | - | - | -.02 | .37 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 1 | 164 | .15 | - | .25 | - | - | - | .04 | .45 |
| Fantasy | 1 | 164 | .09 | - | .13 | - | - | - | -.06 | .32 |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | 3 | 1,905 | .08 | .07 | .12 | .09 | .00 | .24 | .01 | .23 |
| Variety Seeking | 1 | 164 | .13 | - | .21 | - | - | - | .01 | .42 |
| Factor Alpha | 2 | 174 | -.10 | .04 | -.15 | .00 | -.15 | -.15 | -.22 | -.08 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 8 | 10,879 | .04 | .04 | .06 | .04 | .02 | .11 | .03 | .10 |
| compound: Locus of Control | 31 | 56,243 | .10 | .09 | .17 | .13 | .00 | .33 | .12 | .21 |
| compound: Optimism | 15 | 35,786 | .10 | .04 | .15 | .05 | .08 | .22 | .12 | .18 |

| | | | | | | | | | | |
|---|---|-----|------|-----|------|-----|------|------|------|------|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 3 | 344 | .00 | .15 | .00 | .18 | -.23 | .22 | -.22 | .21 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 4 | 453 | -.02 | .09 | -.03 | .00 | -.03 | -.03 | -.14 | .08 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 2 | 462 | -.25 | .09 | -.40 | .07 | -.49 | -.32 | -.58 | -.23 |
| compound: Cold Efficiency | 2 | 462 | .01 | .13 | .02 | .19 | -.23 | .27 | -.24 | .28 |
| compound: Rugged Individualism | 1 | 298 | .10 | - | .15 | - | - | - | .01 | .30 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S23. Meta-analytic results describing personality traits’ relations with memory--long term storage and retrieval---retrieval fluency----word fluency.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 48 | 35,285 | -.04 | .05 | -.05 | .04 | -.11 | .00 | -.07 | -.04 |
| Withdrawal | 2 | 6,179 | -.12 | .05 | -.16 | .05 | -.23 | -.09 | -.23 | -.09 |
| Volatility | 1 | 2,342 | -.06 | - | -.07 | - | - | - | -.12 | -.03 |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 19 | 10,992 | -.08 | .04 | -.10 | .00 | -.10 | -.10 | -.12 | -.08 |
| Anxiety | 12 | 1,477 | -.08 | .11 | -.11 | .07 | -.20 | -.01 | -.17 | -.04 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 14 | 1,883 | -.01 | .10 | -.01 | .07 | -.10 | .07 | -.07 | .05 |
| Suspiciousness | 3 | 256 | -.11 | .15 | -.15 | .15 | -.35 | .04 | -.36 | .05 |
| Agreeableness | 27 | 22,041 | .01 | .06 | .02 | .06 | -.05 | .09 | .00 | .04 |
| Compassion | 2 | 6,536 | .01 | .02 | .02 | .02 | -.01 | .05 | -.02 | .06 |
| Politeness | 1 | 2,377 | .01 | - | .02 | - | - | - | -.03 | .06 |
| Tender Mindedness | 6 | 780 | .03 | .09 | .04 | .00 | .04 | .04 | -.04 | .13 |
| Nurturance | 6 | 773 | .01 | .14 | .02 | .14 | -.16 | .20 | -.11 | .14 |
| Cooperation | 9 | 962 | .01 | .11 | .01 | .08 | -.09 | .11 | -.08 | .09 |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | 6 | 778 | -.09 | .11 | -.12 | .09 | -.24 | -.01 | -.23 | -.02 |
| Non Manipulative | 9 | 1,392 | -.04 | .10 | -.06 | .07 | -.15 | .03 | -.13 | .01 |
| Conscientiousness | 22 | 22,560 | -.04 | .09 | -.05 | .10 | -.18 | .09 | -.09 | -.01 |
| Industriousness | 9 | 3,394 | .07 | .08 | .09 | .08 | -.02 | .19 | .03 | .15 |
| Orderliness | 7 | 3,547 | .04 | .04 | .06 | .00 | .06 | .06 | .02 | .09 |
| Achievement | 8 | 1,131 | -.08 | .14 | -.11 | .16 | -.31 | .09 | -.22 | .01 |
| Persistence | 2 | 252 | .10 | .02 | .14 | .00 | .14 | .14 | .11 | .17 |
| Dependability | 11 | 5,834 | .08 | .06 | .12 | .06 | .05 | .19 | .08 | .16 |
| Cautiousness | 11 | 2,101 | -.05 | .09 | -.07 | .08 | -.18 | .03 | -.14 | -.01 |
| Order | 8 | 1,210 | -.06 | .13 | -.09 | .14 | -.27 | .10 | -.19 | .02 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|--------|-----|-----|-----|-----|------|-----|------|-----|
| Extraversion | 27 | 23,405 | .06 | .04 | .07 | .03 | .03 | .11 | .06 | .09 |
| Enthusiasm | 11 | 15,790 | .11 | .06 | .15 | .07 | .06 | .24 | .11 | .19 |
| Assertiveness | 1 | 2,338 | .12 | - | .15 | - | - | - | .11 | .20 |
| Dominance | 19 | 2,743 | .10 | .09 | .14 | .03 | .10 | .17 | .09 | .18 |
| Activity | 12 | 1,812 | .04 | .09 | .05 | .06 | -.02 | .13 | -.01 | .11 |
| Positive Emotionality | 7 | 3,137 | .06 | .03 | .08 | .00 | .08 | .08 | .06 | .10 |
| Sociability | 11 | 1,612 | .07 | .16 | .09 | .17 | -.13 | .32 | -.01 | .20 |
| Sensation Seeking | 12 | 2,014 | .02 | .12 | .02 | .12 | -.13 | .17 | -.05 | .10 |
| Openness | 22 | 22,317 | .15 | .05 | .20 | .05 | .13 | .27 | .17 | .22 |
| Experiencing | 7 | 3,510 | .07 | .05 | .10 | .02 | .08 | .12 | .06 | .14 |
| Intellect | 4 | 2,836 | .17 | .11 | .22 | .14 | .04 | .40 | .10 | .35 |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 11 | 1,745 | .22 | .09 | .30 | .05 | .24 | .36 | .24 | .36 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 10 | 1,399 | .04 | .12 | .06 | .13 | -.10 | .23 | -.03 | .16 |
| Fantasy | 9 | 1,471 | .11 | .12 | .14 | .13 | -.02 | .30 | .05 | .23 |
| Aesthetics | 7 | 1,027 | .13 | .06 | .17 | .00 | .17 | .17 | .13 | .22 |
| Non Traditional | 13 | 2,045 | .13 | .14 | .19 | .17 | -.03 | .41 | .09 | .28 |
| Variety Seeking | 10 | 1,777 | .04 | .14 | .06 | .17 | -.17 | .28 | -.05 | .17 |
| Factor Alpha | 14 | 6,196 | .10 | .06 | .13 | .05 | .06 | .20 | .09 | .17 |
| Factor Beta | 7 | 1,827 | .03 | .08 | .04 | .07 | -.05 | .14 | -.03 | .11 |
| General Factor of Personality | 4 | 787 | .17 | .02 | .23 | .00 | .23 | .23 | .21 | .25 |
| compound: Interpersonal Sensitivity | 3 | 179 | .07 | .10 | .10 | .00 | .10 | .10 | -.03 | .23 |
| compound: Achievement via Independence | 4 | 619 | .16 | .10 | .21 | .07 | .13 | .30 | .11 | .32 |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 22 | 15,381 | .08 | .04 | .10 | .03 | .07 | .14 | .08 | .12 |
| compound: Locus of Control | 9 | 11,672 | .08 | .04 | .12 | .04 | .07 | .17 | .09 | .15 |
| compound: Optimism | 2 | 6,468 | .10 | .04 | .14 | .05 | .08 | .20 | .08 | .20 |

| | | | | | | | | | | |
|---|----|-------|------|-----|------|-----|------|------|------|------|
| compound: Routine Seeking | 2 | 284 | -.09 | .05 | -.12 | .00 | -.12 | -.12 | -.20 | -.04 |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | 2 | 300 | .12 | .10 | .16 | .07 | .08 | .25 | .01 | .31 |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 10 | 1,333 | .05 | .08 | .07 | .00 | .07 | .07 | .01 | .12 |
| compound: Self Control | 1 | 244 | -.09 | - | -.12 | - | - | - | -.26 | .01 |
| compound: Risk Taking | 2 | 433 | .01 | .06 | .01 | .00 | .01 | .01 | -.08 | .11 |
| compound: Openness to Emotions | 7 | 1,040 | .15 | .08 | .21 | .01 | .19 | .22 | .14 | .28 |
| compound: Warmth | 13 | 5,749 | .08 | .07 | .11 | .07 | .03 | .19 | .07 | .15 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 2 | 284 | .12 | .07 | .15 | .00 | .15 | .15 | .05 | .26 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 7 | 605 | -.10 | .12 | -.14 | .08 | -.25 | -.03 | -.24 | -.03 |
| compound: Tolerance | 2 | 284 | .21 | .07 | .28 | .00 | .28 | .28 | .18 | .39 |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | 2 | 999 | .13 | .11 | .18 | .14 | .00 | .35 | .00 | .35 |
| compound: Judging-Perceiving | 3 | 731 | -.17 | .14 | -.24 | .17 | -.45 | -.02 | -.42 | -.05 |
| compound: Cold Efficiency | 3 | 731 | -.08 | .07 | -.12 | .04 | -.17 | -.07 | -.22 | -.02 |
| compound: Rugged Individualism | 9 | 1,017 | .08 | .08 | .11 | .00 | .11 | .11 | .05 | .18 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S24. Meta-analytic results describing personality traits' relations with memory--short term memory.

| Personality Construct | Total K | Total N | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|---------|---------|---------------|-----------------------|--------------|------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | - | - | - | - | - | - | - | - | - | - |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | 1 | 253 | -.24 | - | -.29 | - | - | - | -.40 | -.17 |
| Uneven Tempered | 1 | 361,327 | -.09 | - | -.11 | - | - | - | -.12 | -.11 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | - | - | - | - | - | - | - | - | - | - |
| Compassion | 1 | 361,327 | .09 | - | .12 | - | - | - | .12 | .12 |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 1 | 113 | .00 | - | .00 | - | - | - | -.19 | .19 |
| Industriousness | 2 | 361,451 | .10 | .00 | .13 | .00 | .13 | .13 | .13 | .13 |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | 1 | 124 | -.16 | - | -.21 | - | - | - | -.40 | -.02 |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | 1 | 361,327 | .00 | - | .00 | - | - | - | .00 | .00 |
| Order | 1 | 361,327 | .09 | - | .11 | - | - | - | .11 | .11 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|--|---|---------|-----|-----|-----|-----|-----|-----|------|-----|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 1 | 361,327 | .02 | - | .03 | - | - | - | .02 | .03 |
| Activity | 4 | 361,782 | .06 | .00 | .08 | .00 | .08 | .08 | .08 | .09 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 1 | 361,327 | .06 | - | .08 | - | - | - | .08 | .08 |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | - | - | - | - | - | - | - | - | - | - |
| Experiencing | 1 | 361,327 | .10 | - | .13 | - | - | - | .13 | .13 |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 1 | 70 | .16 | - | .21 | - | - | - | -.04 | .47 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | 1 | 70 | .10 | - | .13 | - | - | - | -.12 | .39 |
| Aesthetics | 1 | 70 | .03 | - | .04 | - | - | - | -.21 | .29 |
| Non Traditional | 1 | 70 | .28 | - | .38 | - | - | - | .14 | .63 |
| Variety Seeking | 2 | 194 | .12 | .05 | .17 | .00 | .17 | .17 | .08 | .26 |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 1 | 361,327 | .09 | - | .12 | - | - | - | .11 | .12 |
| compound: Locus of Control | 4 | 708 | .19 | .03 | .25 | .00 | .25 | .25 | .22 | .29 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|------|---|------|---|---|---|------|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | 1 | 113 | -.05 | - | -.06 | - | - | - | -.26 | .13 |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | 1 | 124 | .11 | - | .14 | - | - | - | -.05 | .32 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 1 | 70 | -.05 | - | -.07 | - | - | - | -.33 | .19 |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 1 | 113 | .13 | - | .16 | - | - | - | -.03 | .35 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S25. Meta-analytic results describing personality traits’ relations with memory--short term memory---memory span.

| Personality Construct | Total K | Total N | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|---------|---------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 88 | 71,535 | -.06 | .06 | -.07 | .06 | -.16 | .01 | -.09 | -.06 |
| Withdrawal | 8 | 12,475 | -.10 | .07 | -.12 | .08 | -.22 | -.02 | -.17 | -.07 |
| Volatility | 2 | 2,621 | -.05 | .00 | -.07 | .00 | -.07 | -.07 | -.07 | -.06 |
| Negative Affect | 1 | 1,493 | -.09 | - | -.11 | - | - | - | -.16 | -.06 |
| Depression | 36 | 46,779 | -.15 | .08 | -.19 | .09 | -.31 | -.08 | -.22 | -.17 |
| Anxiety | 31 | 8,434 | -.04 | .08 | -.05 | .05 | -.12 | .02 | -.08 | -.03 |
| Anxiety (Test) | 3 | 483 | -.19 | .04 | -.23 | .00 | -.23 | -.23 | -.27 | -.19 |
| Uneven Tempered | 32 | 371,911 | -.14 | .02 | -.17 | .01 | -.19 | -.16 | -.18 | -.17 |
| Suspiciousness | 7 | 2,300 | -.20 | .06 | -.27 | .03 | -.31 | -.23 | -.33 | -.22 |
| Agreeableness | 52 | 49,363 | .08 | .05 | .10 | .05 | .04 | .17 | .09 | .12 |
| Compassion | 4 | 369,506 | .16 | .02 | .21 | .01 | .20 | .22 | .19 | .23 |
| Politeness | 1 | 2,380 | .01 | - | .01 | - | - | - | -.03 | .06 |
| Tender Mindedness | 12 | 1,240 | .07 | .11 | .10 | .06 | .03 | .18 | .03 | .17 |
| Nurturance | 17 | 1,962 | .05 | .10 | .06 | .04 | .02 | .11 | .01 | .11 |
| Cooperation | 12 | 1,241 | .06 | .13 | .08 | .10 | -.05 | .20 | .00 | .16 |
| Lack of Aggression | 8 | 1,234 | .04 | .11 | .05 | .09 | -.07 | .17 | -.03 | .13 |
| Modesty | 12 | 1,236 | -.03 | .08 | -.04 | .00 | -.04 | -.04 | -.08 | .01 |
| Non Manipulative | 20 | 2,626 | .09 | .09 | .11 | .05 | .06 | .17 | .07 | .16 |
| Conscientiousness | 54 | 49,318 | .05 | .06 | .07 | .06 | .00 | .14 | .05 | .08 |
| Industriousness | 23 | 366,055 | .17 | .02 | .21 | .01 | .20 | .22 | .20 | .22 |
| Orderliness | 12 | 3,984 | .04 | .08 | .05 | .07 | -.04 | .13 | .00 | .09 |
| Achievement | 22 | 12,144 | .07 | .07 | .09 | .07 | .00 | .17 | .06 | .12 |
| Persistence | 8 | 1,266 | .03 | .06 | .03 | .00 | .03 | .03 | -.01 | .08 |
| Dependability | 18 | 9,300 | .11 | .08 | .15 | .10 | .03 | .27 | .11 | .19 |
| Cautiousness | 26 | 370,942 | -.03 | .03 | -.04 | .03 | -.08 | .00 | -.05 | -.03 |
| Order | 22 | 365,067 | .12 | .01 | .16 | .00 | .16 | .16 | .15 | .16 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 74 | 40,991 | .06 | .06 | .08 | .05 | .00 | .15 | .06 | .09 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|---------|------|-----|------|-----|------|-----|------|------|
| Enthusiasm | 32 | 43,618 | .13 | .05 | .17 | .06 | .10 | .25 | .15 | .19 |
| Assertiveness | 1 | 2,340 | .08 | - | .10 | - | - | - | .06 | .14 |
| Dominance | 31 | 378,029 | .07 | .01 | .09 | .01 | .08 | .10 | .08 | .09 |
| Activity | 19 | 379,981 | .10 | .01 | .13 | .00 | .13 | .13 | .13 | .14 |
| Positive Emotionality | 20 | 5,805 | .10 | .08 | .12 | .06 | .04 | .20 | .08 | .16 |
| Sociability | 23 | 364,141 | .09 | .01 | .12 | .01 | .11 | .12 | .11 | .12 |
| Sensation Seeking | 28 | 3,657 | .00 | .11 | .00 | .09 | -.11 | .11 | -.05 | .04 |
| Openness | 61 | 37,229 | .15 | .08 | .19 | .09 | .08 | .30 | .17 | .21 |
| Experiencing | 12 | 365,232 | .17 | .01 | .22 | .00 | .22 | .22 | .21 | .23 |
| Intellect | 1 | 2,365 | .17 | - | .21 | - | - | - | .17 | .25 |
| Need for Cognition | 4 | 2,350 | .15 | .07 | .18 | .06 | .10 | .25 | .11 | .24 |
| Ideas | 19 | 2,471 | .15 | .11 | .19 | .08 | .08 | .30 | .14 | .25 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 2 | 320 | .10 | .18 | .13 | .22 | -.15 | .41 | -.15 | .42 |
| Fantasy | 20 | 2,106 | .00 | .14 | .00 | .14 | -.17 | .18 | -.07 | .07 |
| Aesthetics | 20 | 2,113 | .06 | .14 | .07 | .12 | -.08 | .23 | .01 | .14 |
| Non Traditional | 28 | 12,693 | -.03 | .08 | -.04 | .09 | -.16 | .08 | -.07 | -.01 |
| Variety Seeking | 17 | 2,627 | .07 | .13 | .10 | .14 | -.07 | .27 | .03 | .17 |
| Factor Alpha | 18 | 21,609 | .08 | .07 | .11 | .08 | .01 | .21 | .07 | .14 |
| Factor Beta | 4 | 5,340 | .11 | .05 | .14 | .04 | .09 | .20 | .10 | .19 |
| General Factor of Personality | 3 | 655 | .24 | .12 | .30 | .13 | .14 | .47 | .16 | .45 |
| compound: Interpersonal Sensitivity | 1 | 266 | -.05 | - | -.07 | - | - | - | -.20 | .07 |
| compound: Achievement via Independence | 2 | 320 | -.02 | .35 | -.02 | .43 | -.57 | .53 | -.54 | .49 |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | 2 | 501 | .07 | .04 | .10 | .00 | .10 | .10 | .04 | .16 |
| compound: Managerial Potential | 1 | 93 | .13 | - | .16 | - | - | - | -.05 | .37 |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 40 | 390,216 | .12 | .02 | .15 | .02 | .13 | .18 | .15 | .16 |
| compound: Locus of Control | 42 | 84,015 | .10 | .07 | .13 | .09 | .02 | .25 | .11 | .16 |
| compound: Optimism | 25 | 45,540 | .12 | .05 | .15 | .05 | .09 | .21 | .13 | .17 |
| compound: Routine Seeking | 2 | 320 | -.01 | .30 | -.01 | .36 | -.47 | .45 | -.44 | .43 |

| | | | | | | | | | | |
|---|----|--------|------|-----|------|-----|------|-----|------|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 20 | 2,666 | .09 | .11 | .12 | .09 | .01 | .23 | .07 | .17 |
| compound: Self Control | 6 | 5,623 | .04 | .05 | .04 | .04 | -.01 | .10 | .00 | .08 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 14 | 1,375 | .09 | .09 | .11 | .00 | .11 | .11 | .06 | .16 |
| compound: Warmth | 32 | 10,094 | .09 | .09 | .11 | .09 | .00 | .23 | .08 | .15 |
| compound: Grandiosity and Intimidation | 1 | 390 | -.08 | - | -.11 | - | - | - | -.23 | .01 |
| compound: Ambition | 2 | 320 | -.06 | .10 | -.07 | .08 | -.18 | .04 | -.22 | .08 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | 2 | 320 | .02 | .12 | .02 | .11 | -.12 | .16 | -.15 | .19 |
| compound: Independ. of Conventions and Others | 1 | 50 | .20 | - | .27 | - | - | - | -.03 | .58 |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 3 | 239 | .00 | .05 | .00 | .00 | .00 | .00 | -.07 | .06 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 11 | 2,047 | .06 | .11 | .08 | .11 | -.06 | .22 | .00 | .15 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S26. Meta-analytic results describing personality traits’ relations with memory--short term memory---working memory capacity.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 38 | 18,631 | -.04 | .07 | -.05 | .07 | -.13 | .04 | -.07 | -.03 |
| Withdrawal | 11 | 11,494 | -.11 | .04 | -.14 | .03 | -.17 | -.10 | -.16 | -.11 |
| Volatility | 5 | 697 | -.03 | .12 | -.04 | .11 | -.18 | .10 | -.15 | .07 |
| Negative Affect | 1 | 1,419 | -.06 | - | -.07 | - | - | - | -.13 | -.02 |
| Depression | 18 | 52,223 | -.15 | .02 | -.19 | .00 | -.19 | -.19 | -.20 | -.17 |
| Anxiety | 25 | 8,552 | -.08 | .06 | -.09 | .04 | -.14 | -.05 | -.12 | -.07 |
| Anxiety (Test) | 4 | 1,441 | -.05 | .13 | -.06 | .15 | -.24 | .13 | -.19 | .07 |
| Uneven Tempered | 17 | 2,930 | -.04 | .09 | -.05 | .06 | -.13 | .03 | -.09 | .00 |
| Suspiciousness | 2 | 2,405 | -.18 | .06 | -.23 | .06 | -.31 | -.16 | -.32 | -.15 |
| Agreeableness | 32 | 15,038 | .00 | .06 | .00 | .04 | -.05 | .06 | -.02 | .03 |
| Compassion | 6 | 6,148 | .03 | .03 | .03 | .01 | .02 | .05 | .01 | .06 |
| Politeness | 4 | 392 | .04 | .16 | .06 | .17 | -.16 | .27 | -.12 | .23 |
| Tender Mindedness | 13 | 1,256 | .00 | .11 | .00 | .05 | -.07 | .07 | -.07 | .07 |
| Nurturance | 12 | 1,237 | .01 | .07 | .01 | .00 | .01 | .01 | -.03 | .05 |
| Cooperation | 11 | 941 | .04 | .11 | .05 | .00 | .05 | .05 | -.02 | .12 |
| Lack of Aggression | 5 | 1,270 | .06 | .08 | .08 | .06 | -.01 | .16 | .00 | .15 |
| Modesty | 11 | 936 | -.11 | .09 | -.13 | .00 | -.13 | -.13 | -.19 | -.07 |
| Non Manipulative | 11 | 932 | .04 | .07 | .05 | .00 | .05 | .05 | .01 | .09 |
| Conscientiousness | 35 | 16,223 | .04 | .07 | .05 | .07 | -.04 | .13 | .02 | .07 |
| Industriousness | 17 | 2,486 | -.01 | .10 | -.01 | .07 | -.10 | .08 | -.06 | .04 |
| Orderliness | 6 | 707 | -.01 | .15 | -.01 | .16 | -.21 | .19 | -.14 | .13 |
| Achievement | 15 | 3,248 | .05 | .07 | .07 | .03 | .03 | .10 | .03 | .11 |
| Persistence | 7 | 1,383 | .03 | .09 | .04 | .06 | -.04 | .11 | -.03 | .10 |
| Dependability | 15 | 8,672 | .06 | .04 | .08 | .00 | .08 | .08 | .06 | .11 |
| Cautiousness | 21 | 4,628 | .02 | .10 | .02 | .10 | -.11 | .15 | -.02 | .07 |
| Order | 16 | 3,269 | -.01 | .10 | -.01 | .09 | -.12 | .10 | -.06 | .04 |
| Procrastination Avoidance | 1 | 309 | .11 | - | .14 | - | - | - | .02 | .26 |
| Extraversion | 35 | 16,120 | .02 | .06 | .02 | .05 | -.04 | .08 | .00 | .04 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|--------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | 23 | 63,416 | .11 | .02 | .14 | .02 | .11 | .16 | .12 | .15 |
| Assertiveness | 4 | 392 | .06 | .07 | .07 | .00 | .07 | .07 | .00 | .14 |
| Dominance | 17 | 2,727 | .06 | .14 | .07 | .15 | -.11 | .26 | .00 | .15 |
| Activity | 11 | 943 | .01 | .10 | .02 | .00 | .02 | .02 | -.04 | .08 |
| Positive Emotionality | 13 | 3,273 | .05 | .07 | .07 | .02 | .04 | .09 | .03 | .10 |
| Sociability | 11 | 934 | -.05 | .06 | -.06 | .00 | -.06 | -.06 | -.09 | -.02 |
| Sensation Seeking | 19 | 2,762 | .00 | .08 | .00 | .00 | .00 | .00 | -.04 | .04 |
| Openness | 36 | 15,245 | .09 | .07 | .12 | .06 | .04 | .19 | .09 | .14 |
| Experiencing | 5 | 545 | .12 | .06 | .15 | .00 | .15 | .15 | .10 | .21 |
| Intellect | 7 | 956 | .17 | .10 | .21 | .07 | .12 | .30 | .13 | .29 |
| Need for Cognition | 7 | 2,392 | .14 | .09 | .16 | .09 | .05 | .27 | .10 | .23 |
| Ideas | 15 | 1,626 | .19 | .13 | .25 | .10 | .12 | .38 | .18 | .32 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 1 | 100 | .05 | - | .07 | - | - | - | -.16 | .29 |
| Fantasy | 12 | 1,090 | .12 | .09 | .15 | .00 | .15 | .15 | .09 | .21 |
| Aesthetics | 12 | 1,079 | .09 | .12 | .11 | .08 | .01 | .22 | .04 | .19 |
| Non Traditional | 15 | 3,528 | .06 | .12 | .08 | .13 | -.08 | .25 | .02 | .15 |
| Variety Seeking | 19 | 2,923 | .06 | .13 | .08 | .14 | -.10 | .25 | .01 | .15 |
| Factor Alpha | 11 | 7,370 | .10 | .07 | .13 | .07 | .04 | .22 | .09 | .17 |
| Factor Beta | 1 | 222 | .07 | - | .09 | - | - | - | -.05 | .23 |
| General Factor of Personality | 1 | 483 | .20 | - | .24 | - | - | - | .15 | .33 |
| compound: Interpersonal Sensitivity | 1 | 100 | .10 | - | .14 | - | - | - | -.08 | .35 |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 16 | 8,496 | .05 | .05 | .07 | .02 | .05 | .09 | .04 | .09 |
| compound: Locus of Control | 19 | 61,986 | .09 | .04 | .11 | .04 | .06 | .17 | .10 | .13 |
| compound: Optimism | 7 | 10,828 | .11 | .02 | .13 | .00 | .13 | .13 | .12 | .15 |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|----|-------|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | 2 | 315 | -.07 | .03 | -.09 | .00 | -.09 | -.09 | -.12 | -.05 |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | 2 | 335 | .08 | .06 | .10 | .00 | .10 | .10 | .02 | .18 |
| compound: Trust | 11 | 941 | .13 | .08 | .17 | .00 | .17 | .17 | .11 | .22 |
| compound: Self Control | 5 | 560 | .09 | .09 | .12 | .00 | .12 | .12 | .03 | .20 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 12 | 1,091 | .08 | .08 | .10 | .00 | .10 | .10 | .05 | .15 |
| compound: Warmth | 18 | 8,840 | .04 | .04 | .05 | .00 | .05 | .05 | .02 | .07 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 1 | 113 | .13 | - | .15 | - | - | - | -.03 | .34 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | 1 | 222 | .11 | - | .14 | - | - | - | .00 | .28 |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | 1 | 222 | .15 | - | .19 | - | - | - | .05 | .33 |
| compound: Judging-Perceiving | 2 | 315 | -.15 | .21 | -.21 | .26 | -.54 | .13 | -.53 | .12 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 2 | 315 | -.14 | .03 | -.17 | .00 | -.17 | -.17 | -.22 | -.13 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S27. Meta-analytic results describing personality traits’ relations with memory--short term memory---attentional executive control.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 9 | 7,193 | -.05 | .11 | -.06 | .13 | -.22 | .11 | -.13 | .02 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | 1 | 25 | .19 | - | .22 | - | - | - | -.16 | .61 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 7 | 7,017 | -.06 | .02 | -.08 | .00 | -.08 | -.08 | -.09 | -.06 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | 1 | 3,340 | -.08 | - | -.10 | - | - | - | -.14 | -.07 |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 9 | 7,235 | .00 | .10 | .00 | .11 | -.14 | .14 | -.07 | .06 |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|-------|------|-----|------|-----|------|-----|------|------|
| Extraversion | 9 | 7,195 | -.05 | .07 | -.06 | .08 | -.15 | .04 | -.11 | -.01 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | - | - | - | - | - | - | - | - | - | - |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | 1 | 127 | -.23 | - | -.28 | - | - | - | -.46 | -.11 |
| Openness | 7 | 6,980 | .08 | .05 | .10 | .05 | .03 | .17 | .06 | .14 |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 2 | 179 | .21 | .30 | .26 | .35 | -.19 | .70 | -.17 | .69 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | 1 | 64 | .00 | - | .00 | - | - | - | -.26 | .26 |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|------|---|------|---|---|---|------|------|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | 1 | 3,340 | -.04 | - | -.05 | - | - | - | -.09 | -.02 |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S28. Meta-analytic results describing personality traits' relations with visual processing.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 34 | 14,314 | -.04 | .08 | -.05 | .08 | -.16 | .06 | -.08 | -.02 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | 2 | 293 | -.03 | .02 | -.04 | .00 | -.04 | -.04 | -.07 | -.01 |
| Depression | 6 | 1,057 | -.24 | .11 | -.32 | .10 | -.44 | -.19 | -.41 | -.22 |
| Anxiety | 14 | 3,084 | -.04 | .10 | -.05 | .09 | -.16 | .07 | -.10 | .01 |
| Anxiety (Test) | 1 | 158 | -.15 | - | -.18 | - | - | - | -.33 | -.02 |
| Uneven Tempered | 12 | 8,995 | -.03 | .10 | -.04 | .12 | -.19 | .11 | -.10 | .02 |
| Suspiciousness | 1 | 156 | -.10 | - | -.14 | - | - | - | -.31 | .04 |
| Agreeableness | 25 | 8,683 | .01 | .05 | .02 | .00 | .02 | .02 | .00 | .04 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | 2 | 918 | .01 | .06 | .01 | .05 | -.06 | .07 | -.08 | .10 |
| Tender Mindedness | 11 | 1,415 | .01 | .06 | .02 | .00 | .02 | .02 | -.03 | .06 |
| Nurturance | 8 | 1,978 | .03 | .08 | .04 | .06 | -.03 | .12 | -.02 | .10 |
| Cooperation | 6 | 1,056 | -.03 | .07 | -.03 | .00 | -.03 | -.03 | -.10 | .03 |
| Lack of Aggression | 5 | 330 | -.05 | .16 | -.06 | .12 | -.21 | .09 | -.21 | .08 |
| Modesty | 10 | 1,225 | -.09 | .07 | -.11 | .00 | -.11 | -.11 | -.16 | -.06 |
| Non Manipulative | 10 | 7,990 | .03 | .04 | .04 | .03 | .00 | .07 | .01 | .07 |
| Conscientiousness | 23 | 8,131 | .00 | .08 | .00 | .07 | -.09 | .10 | -.03 | .03 |
| Industriousness | 12 | 1,563 | .10 | .14 | .13 | .13 | -.04 | .30 | .05 | .21 |
| Orderliness | 7 | 8,038 | -.03 | .03 | -.04 | .00 | -.04 | -.04 | -.06 | -.02 |
| Achievement | 19 | 3,062 | .03 | .08 | .05 | .03 | .00 | .09 | .00 | .09 |
| Persistence | 1 | 580 | -.02 | - | -.02 | - | - | - | -.11 | .07 |
| Dependability | 7 | 1,733 | .11 | .11 | .15 | .12 | .00 | .30 | .06 | .24 |
| Cautiousness | 8 | 1,399 | .04 | .10 | .06 | .09 | -.06 | .17 | -.02 | .13 |
| Order | 6 | 1,058 | .15 | .07 | .20 | .00 | .20 | .20 | .13 | .26 |
| Procrastination Avoidance | 1 | 158 | -.17 | - | -.23 | - | - | - | -.39 | -.06 |
| Extraversion | 36 | 14,354 | -.02 | .07 | -.03 | .06 | -.11 | .06 | -.05 | .00 |

| | | | | | | | | | | |
|--|----|--------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | 1 | 675 | .00 | - | .00 | - | - | - | -.08 | .08 |
| Assertiveness | 4 | 170 | .05 | .18 | .06 | .10 | -.07 | .19 | -.12 | .25 |
| Dominance | 17 | 9,372 | .04 | .06 | .05 | .06 | -.02 | .13 | .02 | .09 |
| Activity | 6 | 1,056 | .08 | .09 | .11 | .07 | .03 | .20 | .03 | .19 |
| Positive Emotionality | 7 | 1,213 | .13 | .11 | .16 | .10 | .03 | .29 | .07 | .25 |
| Sociability | 7 | 1,732 | .01 | .06 | .01 | .00 | .01 | .01 | -.03 | .06 |
| Sensation Seeking | 16 | 8,690 | -.01 | .06 | -.02 | .06 | -.09 | .06 | -.05 | .01 |
| Openness | 25 | 12,315 | .05 | .07 | .07 | .07 | -.03 | .16 | .04 | .10 |
| Experiencing | 4 | 6,935 | -.03 | .03 | -.05 | .01 | -.06 | -.03 | -.08 | -.02 |
| Intellect | 4 | 1,312 | .03 | .08 | .04 | .07 | -.04 | .12 | -.04 | .12 |
| Need for Cognition | 4 | 603 | .06 | .05 | .07 | .00 | .07 | .07 | .02 | .11 |
| Ideas | 9 | 2,492 | .23 | .10 | .31 | .10 | .18 | .43 | .24 | .38 |
| Curiosity | 2 | 2,161 | -.05 | .01 | -.06 | .00 | -.06 | -.06 | -.07 | -.05 |
| Introspection | 1 | 675 | .04 | - | .05 | - | - | - | -.04 | .14 |
| Fantasy | 6 | 1,055 | .11 | .04 | .15 | .00 | .15 | .15 | .11 | .18 |
| Aesthetics | 9 | 2,979 | .03 | .08 | .04 | .07 | -.06 | .13 | -.02 | .09 |
| Non Traditional | 17 | 3,515 | .23 | .19 | .31 | .24 | .00 | .62 | .21 | .42 |
| Variety Seeking | 7 | 1,637 | .14 | .13 | .20 | .16 | -.01 | .41 | .08 | .32 |
| Factor Alpha | 10 | 5,757 | .03 | .05 | .04 | .03 | .00 | .07 | .01 | .07 |
| Factor Beta | 4 | 174 | -.03 | .14 | -.04 | .00 | -.04 | -.04 | -.19 | .11 |
| General Factor of Personality | 3 | 291 | .20 | .31 | .26 | .37 | -.21 | .73 | -.11 | .62 |
| compound: Interpersonal Sensitivity | 1 | 246 | .05 | - | .07 | - | - | - | -.07 | .21 |
| compound: Achievement via Independence | 1 | 150 | .20 | - | .25 | - | - | - | .08 | .41 |
| compound: Innovation | 1 | 567 | .10 | - | .13 | - | - | - | .04 | .21 |
| compound: Type A | 4 | 4,130 | -.02 | .03 | -.02 | .00 | -.03 | -.01 | -.05 | .01 |
| compound: Managerial Potential | 1 | 93 | -.24 | - | -.31 | - | - | - | -.51 | -.10 |
| compound: Narcissism | 1 | 320 | .02 | - | .02 | - | - | - | -.09 | .14 |
| compound: Self Esteem | 14 | 1,960 | .14 | .17 | .18 | .19 | -.07 | .43 | .08 | .28 |
| compound: Locus of Control | 5 | 550 | .01 | .13 | .01 | .12 | -.14 | .17 | -.12 | .14 |
| compound: Optimism | 2 | 293 | -.06 | .06 | -.07 | .00 | -.07 | -.07 | -.16 | .01 |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|----|-------|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | 1 | 675 | -.03 | - | -.03 | - | - | - | -.12 | .05 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 10 | 7,993 | .02 | .05 | .02 | .05 | -.04 | .08 | -.01 | .06 |
| compound: Self Control | 1 | 93 | .16 | - | .20 | - | - | - | -.01 | .41 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 7 | 1,238 | .14 | .16 | .18 | .18 | -.06 | .41 | .05 | .31 |
| compound: Warmth | 18 | 9,941 | -.05 | .08 | -.07 | .09 | -.18 | .05 | -.11 | -.03 |
| compound: Grandiosity and Intimidation | 4 | 173 | .06 | .13 | .09 | .00 | .09 | .09 | -.07 | .24 |
| compound: Ambition | 4 | 3,656 | -.06 | .02 | -.07 | .00 | -.07 | -.07 | -.09 | -.05 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 4 | 798 | -.01 | .15 | -.01 | .18 | -.24 | .23 | -.18 | .16 |
| compound: Cold Efficiency | 3 | 443 | -.01 | .08 | -.02 | .00 | -.02 | -.02 | -.12 | .09 |
| compound: Rugged Individualism | 1 | 185 | -.04 | - | -.06 | - | - | - | -.22 | .10 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S29. Meta-analytic results describing personality traits' relations with visual processing--visualization.

| Personality Construct | Total K | Total N | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|---------|---------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 119 | 136,320 | -.08 | .05 | -.10 | .05 | -.16 | -.03 | -.11 | -.09 |
| Withdrawal | 15 | 7,285 | -.02 | .05 | -.03 | .01 | -.05 | -.01 | -.05 | .00 |
| Volatility | 4 | 425 | -.11 | .12 | -.14 | .09 | -.25 | -.03 | -.26 | -.01 |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 35 | 21,531 | -.10 | .06 | -.12 | .05 | -.18 | -.06 | -.14 | -.10 |
| Anxiety | 33 | 78,011 | -.07 | .03 | -.08 | .03 | -.12 | -.04 | -.09 | -.07 |
| Anxiety (Test) | 4 | 515 | -.23 | .13 | -.28 | .13 | -.44 | -.11 | -.41 | -.14 |
| Uneven Tempered | 46 | 439,848 | -.10 | .03 | -.12 | .03 | -.16 | -.07 | -.13 | -.11 |
| Suspiciousness | 12 | 3,834 | -.08 | .08 | -.11 | .07 | -.19 | -.02 | -.16 | -.06 |
| Agreeableness | 65 | 107,473 | .00 | .08 | .00 | .10 | -.14 | .13 | -.03 | .02 |
| Compassion | 5 | 361,058 | .03 | .00 | .03 | .00 | .03 | .03 | .03 | .04 |
| Politeness | 6 | 72,371 | -.05 | .01 | -.07 | .00 | -.07 | -.07 | -.07 | -.06 |
| Tender Mindedness | 14 | 1,340 | -.07 | .12 | -.10 | .09 | -.22 | .02 | -.18 | -.02 |
| Nurturance | 18 | 73,481 | -.06 | .02 | -.08 | .01 | -.08 | -.07 | -.09 | -.07 |
| Cooperation | 17 | 73,216 | .02 | .02 | .03 | .02 | .01 | .05 | .02 | .04 |
| Lack of Aggression | 16 | 5,212 | .02 | .05 | .03 | .00 | .03 | .03 | .00 | .06 |
| Modesty | 11 | 970 | -.09 | .08 | -.12 | .00 | -.12 | -.12 | -.17 | -.07 |
| Non Manipulative | 26 | 4,256 | .03 | .08 | .04 | .04 | -.01 | .09 | .01 | .08 |
| Conscientiousness | 69 | 110,587 | -.03 | .04 | -.03 | .03 | -.08 | .01 | -.04 | -.02 |
| Industriousness | 38 | 441,212 | .09 | .04 | .11 | .05 | .05 | .17 | .10 | .12 |
| Orderliness | 26 | 76,647 | -.05 | .02 | -.07 | .01 | -.09 | -.05 | -.08 | -.06 |
| Achievement | 28 | 11,244 | .02 | .07 | .02 | .06 | -.05 | .09 | .00 | .05 |
| Persistence | 16 | 1,899 | .07 | .12 | .09 | .10 | -.03 | .22 | .03 | .16 |
| Dependability | 18 | 2,382 | .01 | .11 | .01 | .09 | -.11 | .13 | -.05 | .07 |
| Cautiousness | 36 | 368,330 | -.02 | .01 | -.02 | .00 | -.03 | -.02 | -.03 | -.02 |
| Order | 19 | 362,616 | .02 | .01 | .03 | .01 | .02 | .04 | .03 | .04 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 107 | 116,550 | -.02 | .05 | -.03 | .05 | -.09 | .03 | -.04 | -.02 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|---------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | 15 | 1,501 | .08 | .10 | .10 | .00 | .10 | .10 | .05 | .15 |
| Assertiveness | 4 | 425 | .07 | .13 | .08 | .10 | -.04 | .21 | -.04 | .21 |
| Dominance | 55 | 451,446 | .01 | .02 | .01 | .02 | -.01 | .04 | .01 | .02 |
| Activity | 25 | 371,955 | .08 | .01 | .11 | .01 | .10 | .12 | .10 | .11 |
| Positive Emotionality | 24 | 6,368 | .03 | .06 | .04 | .00 | .04 | .04 | .01 | .06 |
| Sociability | 32 | 437,140 | -.01 | .03 | -.01 | .03 | -.06 | .03 | -.02 | .00 |
| Sensation Seeking | 50 | 13,480 | .04 | .12 | .06 | .13 | -.11 | .22 | .02 | .09 |
| Openness | 75 | 102,709 | .09 | .05 | .12 | .05 | .06 | .18 | .11 | .13 |
| Experiencing | 28 | 368,387 | .02 | .02 | .02 | .03 | -.01 | .06 | .01 | .03 |
| Intellect | 10 | 1,718 | .15 | .10 | .20 | .08 | .09 | .30 | .13 | .26 |
| Need for Cognition | 3 | 560 | .19 | .11 | .23 | .10 | .09 | .36 | .10 | .35 |
| Ideas | 23 | 3,726 | .18 | .11 | .24 | .10 | .11 | .37 | .19 | .29 |
| Curiosity | 6 | 72,634 | .16 | .02 | .21 | .01 | .19 | .23 | .19 | .23 |
| Introspection | 10 | 73,135 | .00 | .01 | .00 | .01 | -.02 | .01 | -.01 | .01 |
| Fantasy | 22 | 2,599 | .07 | .08 | .09 | .00 | .09 | .09 | .05 | .13 |
| Aesthetics | 24 | 74,525 | -.07 | .03 | -.09 | .02 | -.12 | -.06 | -.10 | -.08 |
| Non Traditional | 41 | 16,742 | .07 | .09 | .10 | .10 | -.03 | .23 | .07 | .13 |
| Variety Seeking | 17 | 2,539 | .03 | .11 | .04 | .10 | -.09 | .18 | -.02 | .11 |
| Factor Alpha | 22 | 13,373 | .01 | .07 | .01 | .07 | -.08 | .10 | -.02 | .04 |
| Factor Beta | 10 | 2,236 | .04 | .09 | .05 | .08 | -.05 | .15 | -.01 | .11 |
| General Factor of Personality | 5 | 555 | .03 | .10 | .04 | .04 | -.01 | .10 | -.05 | .14 |
| compound: Interpersonal Sensitivity | 7 | 1,542 | .06 | .06 | .07 | .00 | .07 | .07 | .02 | .12 |
| compound: Achievement via Independence | 3 | 578 | .20 | .08 | .25 | .05 | .19 | .32 | .15 | .35 |
| compound: Innovation | 3 | 72,350 | .11 | .00 | .13 | .00 | .13 | .13 | .13 | .14 |
| compound: Type A | 9 | 6,860 | .05 | .04 | .06 | .01 | .05 | .08 | .04 | .09 |
| compound: Managerial Potential | 1 | 93 | .26 | - | .33 | - | - | - | .13 | .53 |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 42 | 397,889 | .09 | .02 | .12 | .02 | .10 | .14 | .11 | .12 |
| compound: Locus of Control | 14 | 33,439 | .08 | .15 | .11 | .20 | -.14 | .37 | .02 | .20 |
| compound: Optimism | 9 | 1,205 | .02 | .09 | .02 | .03 | -.02 | .07 | -.04 | .09 |
| compound: Routine Seeking | 3 | 2,387 | -.09 | .06 | -.11 | .06 | -.19 | -.04 | -.18 | -.05 |

| | | | | | | | | | | |
|---|----|--------|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | 1 | 2,041 | .08 | - | .10 | - | - | - | .05 | .14 |
| compound: Machiavellianism | 3 | 72,123 | .10 | .01 | .13 | .00 | .13 | .13 | .12 | .13 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | 3 | 72,131 | .11 | .01 | .14 | .01 | .13 | .15 | .12 | .15 |
| compound: Trust | 27 | 4,480 | .02 | .09 | .02 | .05 | -.04 | .08 | -.02 | .06 |
| compound: Self Control | 6 | 1,089 | .00 | .09 | -.01 | .06 | -.09 | .08 | -.08 | .07 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 15 | 1,862 | .04 | .13 | .05 | .13 | -.11 | .21 | -.02 | .12 |
| compound: Warmth | 45 | 83,184 | -.04 | .03 | -.05 | .03 | -.09 | -.01 | -.06 | -.04 |
| compound: Grandiosity and Intimidation | 5 | 72,587 | .03 | .01 | .05 | .00 | .05 | .05 | .04 | .06 |
| compound: Ambition | 4 | 907 | .05 | .10 | .06 | .10 | -.07 | .19 | -.04 | .17 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 4 | 279 | -.03 | .05 | -.03 | .00 | -.03 | -.03 | -.09 | .02 |
| compound: Tolerance | 4 | 742 | .21 | .07 | .27 | .00 | .27 | .27 | .20 | .34 |
| compound: Independ. of Conventions and Others | 1 | 508 | .06 | - | .08 | - | - | - | -.02 | .18 |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 11 | 1,166 | -.03 | .18 | -.03 | .21 | -.31 | .24 | -.16 | .09 |
| compound: Cold Efficiency | 5 | 825 | -.01 | .07 | -.02 | .00 | -.02 | -.02 | -.09 | .05 |
| compound: Rugged Individualism | 19 | 7,148 | .11 | .07 | .14 | .05 | .08 | .21 | .11 | .18 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S30. Meta-analytic results describing personality traits' relations with visual processing--closure speed.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 38 | 14,254 | -.08 | .07 | -.10 | .05 | -.17 | -.04 | -.13 | -.08 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 8 | 1,785 | -.09 | .07 | -.11 | .00 | -.11 | -.11 | -.17 | -.06 |
| Anxiety | 11 | 1,397 | -.13 | .10 | -.16 | .05 | -.23 | -.10 | -.22 | -.10 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 19 | 3,390 | -.05 | .08 | -.06 | .01 | -.07 | -.04 | -.09 | -.02 |
| Suspiciousness | 6 | 745 | -.16 | .08 | -.22 | .00 | -.22 | -.22 | -.29 | -.15 |
| Agreeableness | 7 | 8,902 | .07 | .03 | .08 | .02 | .06 | .10 | .06 | .11 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | 2 | 253 | -.02 | .02 | -.03 | .00 | -.03 | -.03 | -.06 | .00 |
| Nurturance | 4 | 453 | .05 | .11 | .07 | .08 | -.03 | .17 | -.05 | .19 |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | 7 | 1,182 | .04 | .10 | .06 | .08 | -.05 | .16 | -.02 | .14 |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 10 | 1,960 | .05 | .09 | .07 | .08 | -.03 | .17 | .01 | .13 |
| Conscientiousness | 11 | 9,266 | .02 | .07 | .03 | .08 | -.08 | .13 | -.02 | .07 |
| Industriousness | 9 | 1,757 | .02 | .11 | .02 | .11 | -.12 | .16 | -.06 | .10 |
| Orderliness | 12 | 2,138 | -.01 | .08 | -.01 | .05 | -.08 | .05 | -.07 | .04 |
| Achievement | 11 | 9,713 | .06 | .03 | .07 | .00 | .07 | .07 | .05 | .09 |
| Persistence | 9 | 1,349 | .10 | .07 | .14 | .00 | .14 | .14 | .08 | .19 |
| Dependability | 2 | 618 | .08 | .00 | .11 | .00 | .11 | .11 | .10 | .11 |
| Cautiousness | 10 | 1,555 | -.01 | .08 | -.02 | .00 | -.02 | -.02 | -.07 | .04 |
| Order | 6 | 845 | -.01 | .10 | -.01 | .06 | -.09 | .07 | -.09 | .08 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 31 | 5,266 | .02 | .12 | .02 | .11 | -.12 | .16 | -.02 | .06 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|--------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | 6 | 743 | .10 | .07 | .13 | .00 | .13 | .13 | .07 | .19 |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 18 | 10,709 | .02 | .05 | .03 | .04 | -.02 | .08 | .00 | .05 |
| Activity | 6 | 8,725 | .07 | .03 | .09 | .01 | .07 | .10 | .06 | .11 |
| Positive Emotionality | 6 | 734 | .10 | .07 | .13 | .00 | .13 | .13 | .06 | .19 |
| Sociability | 8 | 1,466 | -.06 | .09 | -.07 | .07 | -.16 | .02 | -.14 | .00 |
| Sensation Seeking | 20 | 3,298 | .04 | .09 | .05 | .06 | -.03 | .13 | .01 | .09 |
| Openness | 19 | 3,712 | .11 | .08 | .14 | .06 | .06 | .21 | .10 | .18 |
| Experiencing | 16 | 3,358 | .02 | .09 | .03 | .07 | -.06 | .12 | -.02 | .08 |
| Intellect | 2 | 557 | .12 | .03 | .16 | .00 | .16 | .16 | .11 | .21 |
| Need for Cognition | 2 | 320 | .16 | .14 | .20 | .14 | .02 | .38 | .00 | .40 |
| Ideas | 6 | 1,438 | .17 | .04 | .22 | .00 | .22 | .22 | .19 | .25 |
| Curiosity | 1 | 404 | .01 | - | .01 | - | - | - | -.09 | .12 |
| Introspection | 1 | 266 | .06 | - | .08 | - | - | - | -.06 | .23 |
| Fantasy | 8 | 950 | -.01 | .08 | -.01 | .00 | -.01 | -.01 | -.07 | .05 |
| Aesthetics | 8 | 969 | .08 | .07 | .10 | .00 | .10 | .10 | .04 | .15 |
| Non Traditional | 22 | 10,343 | .00 | .06 | .00 | .04 | -.06 | .05 | -.03 | .02 |
| Variety Seeking | 3 | 728 | .04 | .06 | .06 | .00 | .06 | .06 | -.02 | .15 |
| Factor Alpha | 8 | 8,888 | .05 | .05 | .07 | .05 | .00 | .14 | .03 | .11 |
| Factor Beta | 1 | 266 | .09 | - | .12 | - | - | - | -.01 | .25 |
| General Factor of Personality | 4 | 477 | -.03 | .16 | -.03 | .17 | -.25 | .19 | -.20 | .14 |
| compound: Interpersonal Sensitivity | 3 | 573 | .03 | .02 | .04 | .00 | .04 | .04 | .02 | .07 |
| compound: Achievement via Independence | 1 | 266 | .11 | - | .14 | - | - | - | .01 | .27 |
| compound: Innovation | 1 | 404 | .17 | - | .21 | - | - | - | .11 | .31 |
| compound: Type A | 2 | 501 | .07 | .04 | .10 | .00 | .10 | .10 | .04 | .16 |
| compound: Managerial Potential | 1 | 93 | .20 | - | .26 | - | - | - | .05 | .47 |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 13 | 10,056 | .06 | .08 | .08 | .09 | -.03 | .19 | .03 | .13 |
| compound: Locus of Control | 2 | 8,184 | .09 | .01 | .13 | .00 | .13 | .13 | .12 | .13 |
| compound: Optimism | 6 | 749 | .07 | .08 | .09 | .00 | .09 | .09 | .02 | .16 |
| compound: Routine Seeking | 1 | 266 | -.21 | - | -.27 | - | - | - | -.39 | -.14 |

| | | | | | | | | | | |
|---|----|-------|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 10 | 1,991 | .05 | .09 | .07 | .07 | -.02 | .16 | .01 | .13 |
| compound: Self Control | 3 | 851 | -.08 | .05 | -.10 | .00 | -.10 | -.10 | -.17 | -.03 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 2 | 220 | .03 | .03 | .05 | .00 | .05 | .05 | .00 | .10 |
| compound: Warmth | 20 | 3,248 | -.05 | .09 | -.07 | .06 | -.14 | .00 | -.12 | -.03 |
| compound: Grandiosity and Intimidation | 3 | 643 | -.06 | .09 | -.09 | .09 | -.21 | .02 | -.22 | .04 |
| compound: Ambition | 1 | 266 | .04 | - | .05 | - | - | - | -.08 | .18 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | 2 | 393 | .14 | .02 | .19 | .00 | .19 | .19 | .15 | .22 |
| compound: Independ. of Conventions and Others | 1 | 508 | .08 | - | .11 | - | - | - | .01 | .21 |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 6 | 783 | .02 | .19 | .03 | .23 | -.27 | .32 | -.15 | .20 |
| compound: Cold Efficiency | 4 | 661 | -.05 | .10 | -.08 | .09 | -.19 | .04 | -.20 | .04 |
| compound: Rugged Individualism | 12 | 2,623 | .07 | .09 | .10 | .08 | -.01 | .20 | .04 | .15 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S31. Meta-analytic results describing personality traits' relations with visual processing--flexibility of closure.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 56 | 82,954 | -.07 | .04 | -.08 | .03 | -.12 | -.04 | -.09 | -.07 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | 2 | 293 | .09 | .05 | .12 | .00 | .12 | .12 | .05 | .19 |
| Depression | 2 | 288 | -.07 | .07 | -.10 | .00 | -.10 | -.10 | -.21 | .01 |
| Anxiety | 11 | 73,504 | -.05 | .01 | -.07 | .01 | -.07 | -.06 | -.08 | -.06 |
| Anxiety (Test) | 4 | 476 | -.06 | .15 | -.07 | .15 | -.26 | .12 | -.23 | .08 |
| Uneven Tempered | 12 | 74,355 | -.02 | .02 | -.03 | .02 | -.05 | -.01 | -.04 | -.02 |
| Suspiciousness | 2 | 156 | -.06 | .02 | -.08 | .00 | -.08 | -.08 | -.11 | -.04 |
| Agreeableness | 20 | 76,393 | .00 | .03 | .00 | .03 | -.04 | .03 | -.02 | .01 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | 2 | 71,946 | -.02 | .02 | -.03 | .02 | -.06 | .00 | -.06 | .00 |
| Tender Mindedness | 1 | 114 | .03 | - | .04 | - | - | - | -.18 | .26 |
| Nurturance | 3 | 72,060 | -.03 | .01 | -.04 | .01 | -.06 | -.02 | -.06 | -.03 |
| Cooperation | 3 | 72,060 | .03 | .01 | .04 | .01 | .02 | .06 | .02 | .05 |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 9 | 2,271 | .05 | .05 | .07 | .00 | .07 | .07 | .03 | .11 |
| Conscientiousness | 21 | 77,351 | -.01 | .03 | -.01 | .04 | -.06 | .04 | -.03 | .01 |
| Industriousness | 8 | 73,608 | .02 | .02 | .02 | .02 | -.01 | .05 | .01 | .03 |
| Orderliness | 12 | 74,405 | -.04 | .02 | -.05 | .02 | -.08 | -.03 | -.06 | -.04 |
| Achievement | 2 | 412 | .02 | .06 | .02 | .00 | .02 | .02 | -.07 | .11 |
| Persistence | 1 | 164 | -.14 | - | -.18 | - | - | - | -.35 | -.02 |
| Dependability | 6 | 1,557 | .09 | .07 | .12 | .03 | .08 | .16 | .06 | .18 |
| Cautiousness | 1 | 114 | -.03 | - | -.04 | - | - | - | -.24 | .16 |
| Order | 1 | 164 | -.16 | - | -.21 | - | - | - | -.37 | -.05 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 56 | 82,085 | -.03 | .04 | -.04 | .03 | -.08 | .01 | -.05 | -.03 |

| | | | | | | | | | | |
|--|----|--------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 14 | 74,510 | .01 | .01 | .01 | .01 | .00 | .02 | .01 | .02 |
| Activity | 2 | 156 | .14 | .11 | .19 | .00 | .19 | .19 | .02 | .35 |
| Positive Emotionality | 1 | 114 | .06 | - | .08 | - | - | - | -.12 | .27 |
| Sociability | 12 | 73,559 | -.05 | .02 | -.07 | .01 | -.08 | -.05 | -.08 | -.06 |
| Sensation Seeking | 9 | 2,295 | .00 | .09 | .00 | .09 | -.11 | .12 | -.06 | .07 |
| Openness | 24 | 78,232 | .11 | .02 | .14 | .00 | .14 | .14 | .13 | .14 |
| Experiencing | 9 | 2,295 | -.01 | .04 | -.01 | .00 | -.01 | -.01 | -.04 | .02 |
| Intellect | 1 | 164 | .05 | - | .06 | - | - | - | -.10 | .23 |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 7 | 1,826 | .19 | .07 | .26 | .05 | .19 | .32 | .20 | .32 |
| Curiosity | 2 | 71,946 | .16 | .01 | .21 | .00 | .21 | .21 | .20 | .22 |
| Introspection | 9 | 73,545 | .02 | .03 | .02 | .04 | -.03 | .07 | .00 | .04 |
| Fantasy | 2 | 278 | -.04 | .11 | -.05 | .10 | -.17 | .08 | -.22 | .12 |
| Aesthetics | 3 | 72,060 | .01 | .01 | .01 | .02 | -.01 | .03 | -.01 | .02 |
| Non Traditional | 13 | 1,705 | .07 | .12 | .10 | .11 | -.04 | .24 | .02 | .17 |
| Variety Seeking | 2 | 278 | .05 | .06 | .08 | .00 | .08 | .08 | -.03 | .18 |
| Factor Alpha | 16 | 2,559 | .03 | .06 | .04 | .00 | .04 | .04 | .00 | .07 |
| Factor Beta | 9 | 2,820 | .06 | .11 | .08 | .12 | -.08 | .23 | .00 | .15 |
| General Factor of Personality | 3 | 104 | .09 | .22 | .11 | .18 | -.12 | .34 | -.16 | .38 |
| compound: Interpersonal Sensitivity | 4 | 1,279 | .02 | .06 | .03 | .01 | .01 | .04 | -.04 | .09 |
| compound: Achievement via Independence | 4 | 1,279 | .21 | .02 | .26 | .00 | .26 | .26 | .24 | .29 |
| compound: Innovation | 2 | 71,946 | .12 | .01 | .14 | .00 | .14 | .15 | .13 | .16 |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | 2 | 797 | .12 | .01 | .15 | .00 | .15 | .15 | .14 | .16 |
| compound: Narcissism | 3 | 1,117 | -.04 | .05 | -.05 | .00 | -.05 | -.05 | -.10 | .01 |
| compound: Self Esteem | 6 | 1,467 | .02 | .08 | .02 | .05 | -.05 | .09 | -.04 | .09 |
| compound: Locus of Control | 3 | 400 | .03 | .06 | .03 | .00 | .03 | .03 | -.05 | .11 |
| compound: Optimism | 2 | 293 | -.09 | .03 | -.12 | .00 | -.12 | -.12 | -.17 | -.07 |
| compound: Routine Seeking | 4 | 1,279 | -.15 | .01 | -.19 | .00 | -.19 | -.19 | -.20 | -.18 |

| | | | | | | | | | | |
|---|----|--------|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | 2 | 71,946 | .09 | .01 | .11 | .01 | .10 | .13 | .09 | .13 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | 2 | 71,946 | .08 | .01 | .10 | .01 | .08 | .11 | .08 | .12 |
| compound: Trust | 10 | 2,313 | .03 | .04 | .04 | .00 | .04 | .04 | .01 | .06 |
| compound: Self Control | 4 | 1,279 | .02 | .07 | .03 | .05 | -.03 | .09 | -.04 | .10 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 1 | 114 | -.03 | - | -.04 | - | - | - | -.25 | .17 |
| compound: Warmth | 12 | 74,355 | -.01 | .02 | -.02 | .02 | -.05 | .02 | -.03 | .00 |
| compound: Grandiosity and Intimidation | 2 | 71,946 | .02 | .01 | .03 | .01 | .01 | .05 | .01 | .05 |
| compound: Ambition | 5 | 1,548 | .01 | .12 | .01 | .13 | -.15 | .18 | -.09 | .12 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 2 | 156 | .05 | .19 | .06 | .20 | -.19 | .32 | -.23 | .35 |
| compound: Tolerance | 6 | 1,675 | .21 | .04 | .27 | .00 | .27 | .27 | .24 | .30 |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | 3 | 1,597 | .16 | .04 | .21 | .00 | .21 | .21 | .16 | .26 |
| compound: Judging-Perceiving | 9 | 1,251 | -.10 | .09 | -.14 | .04 | -.20 | -.08 | -.21 | -.07 |
| compound: Cold Efficiency | 7 | 1,118 | -.06 | .07 | -.08 | .00 | -.08 | -.08 | -.15 | -.02 |
| compound: Rugged Individualism | 8 | 1,865 | .04 | .11 | .05 | .12 | -.11 | .21 | -.04 | .13 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S32. Meta-analytic results describing personality traits' relations with visual processing--spatial scanning.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 13 | 10,851 | -.09 | .04 | -.11 | .03 | -.15 | -.07 | -.13 | -.08 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 1 | 75 | .15 | - | .20 | - | - | - | -.04 | .44 |
| Anxiety | 2 | 310 | .03 | .16 | .04 | .17 | -.18 | .25 | -.19 | .27 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 7 | 1,515 | -.02 | .05 | -.02 | .00 | -.02 | -.02 | -.06 | .02 |
| Suspiciousness | 2 | 310 | -.06 | .06 | -.08 | .00 | -.08 | -.08 | -.17 | .01 |
| Agreeableness | 7 | 9,020 | .01 | .03 | .02 | .00 | .02 | .02 | -.01 | .04 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | 2 | 310 | -.03 | .10 | -.04 | .08 | -.15 | .06 | -.20 | .11 |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | 2 | 310 | -.01 | .07 | -.01 | .00 | -.01 | -.01 | -.11 | .10 |
| Modesty | 2 | 310 | -.08 | .20 | -.11 | .23 | -.41 | .19 | -.41 | .19 |
| Non Manipulative | 5 | 1,205 | .04 | .09 | .06 | .08 | -.05 | .16 | -.03 | .14 |
| Conscientiousness | 10 | 10,251 | -.02 | .06 | -.02 | .06 | -.10 | .05 | -.06 | .01 |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | 5 | 1,205 | -.07 | .06 | -.10 | .00 | -.10 | -.10 | -.16 | -.03 |
| Achievement | 3 | 8,178 | .02 | .01 | .03 | .00 | .03 | .03 | .02 | .04 |
| Persistence | 2 | 310 | .07 | .13 | .09 | .13 | -.08 | .27 | -.10 | .29 |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | 2 | 310 | .02 | .08 | .03 | .03 | .00 | .06 | -.10 | .16 |
| Order | 2 | 310 | .14 | .08 | .18 | .00 | .18 | .18 | .06 | .30 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 12 | 2,983 | .00 | .10 | -.01 | .09 | -.13 | .11 | -.06 | .05 |

| | | | | | | | | | | |
|--|----|--------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 8 | 9,382 | .03 | .04 | .04 | .04 | -.01 | .09 | .01 | .07 |
| Activity | 6 | 8,633 | .06 | .03 | .08 | .01 | .07 | .09 | .06 | .11 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 2 | 310 | .02 | .11 | .02 | .09 | -.10 | .14 | -.14 | .18 |
| Sensation Seeking | 5 | 1,205 | -.02 | .10 | -.02 | .10 | -.15 | .10 | -.12 | .07 |
| Openness | 10 | 2,674 | .05 | .06 | .07 | .02 | .04 | .10 | .03 | .11 |
| Experiencing | 5 | 1,205 | -.16 | .10 | -.21 | .09 | -.33 | -.09 | -.30 | -.11 |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 2 | 310 | .18 | .16 | .25 | .19 | .00 | .50 | -.01 | .51 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | 1 | 7,868 | .03 | - | .04 | - | - | - | .01 | .06 |
| Variety Seeking | 2 | 310 | -.01 | .18 | -.01 | .23 | -.31 | .28 | -.31 | .29 |
| Factor Alpha | 1 | 7,868 | -.01 | - | -.01 | - | - | - | -.04 | .01 |
| Factor Beta | 5 | 1,542 | -.03 | .02 | -.04 | .00 | -.04 | -.04 | -.06 | -.02 |
| General Factor of Personality | 2 | 310 | .13 | .07 | .17 | .00 | .17 | .17 | .06 | .28 |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 3 | 8,178 | .07 | .02 | .09 | .00 | .09 | .09 | .07 | .11 |
| compound: Locus of Control | 11 | 21,594 | .11 | .08 | .16 | .10 | .03 | .28 | .10 | .21 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 7 | 1,515 | .02 | .08 | .03 | .06 | -.04 | .10 | -.03 | .10 |
| compound: Self Control | 2 | 310 | -.03 | .15 | -.03 | .15 | -.23 | .16 | -.25 | .18 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 5 | 1,205 | -.11 | .06 | -.15 | .00 | -.15 | -.15 | -.21 | -.09 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 2 | 310 | .09 | .10 | .12 | .08 | .01 | .22 | -.03 | .27 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 2 | 310 | .02 | .09 | .03 | .06 | -.05 | .11 | -.11 | .17 |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | 2 | 310 | .10 | .12 | .14 | .13 | -.03 | .30 | -.06 | .33 |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 3 | 385 | .14 | .08 | .18 | .00 | .18 | .18 | .08 | .28 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S33. Meta-analytic results describing personality traits' relations with visual processing--perceptual illusions.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 5 | 1,218 | -.07 | .04 | -.08 | .00 | -.08 | -.08 | -.11 | -.04 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | 2 | 459 | .03 | .04 | .04 | .00 | .04 | .04 | -.02 | .10 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 2 | 459 | -.01 | .05 | -.02 | .00 | -.02 | -.02 | -.09 | .05 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 2 | 459 | .02 | .01 | .02 | .00 | .02 | .02 | .01 | .03 |
| Industriousness | 4 | 980 | .01 | .03 | .01 | .00 | .01 | .01 | -.02 | .04 |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | 4 | 980 | .01 | .07 | .01 | .04 | -.04 | .06 | -.07 | .08 |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 4 | 980 | .02 | .02 | .03 | .00 | .03 | .03 | .00 | .05 |

| | | | | | | | | | | |
|--|---|-------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | - | - | - | - | - | - | - | - | - | - |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 4 | 980 | .01 | .03 | .01 | .00 | .01 | .01 | -.02 | .04 |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | - | - | - | - | - | - | - | - | - | - |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 4 | 980 | .10 | .07 | .12 | .01 | .11 | .14 | .05 | .19 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 4 | 980 | .10 | .07 | .14 | .04 | .09 | .20 | .06 | .22 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 5 | 1,216 | -.05 | .06 | -.06 | .00 | -.06 | -.06 | -.12 | -.01 |
| Factor Beta | 4 | 980 | .12 | .04 | .15 | .00 | .15 | .15 | .11 | .19 |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | 4 | 980 | .09 | .03 | .11 | .00 | .11 | .11 | .08 | .15 |
| compound: Achievement via Independence | 4 | 980 | .14 | .04 | .17 | .00 | .17 | .17 | .14 | .21 |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | 2 | 459 | .06 | .08 | .08 | .07 | -.01 | .16 | -.04 | .20 |
| compound: Narcissism | 2 | 459 | .06 | .01 | .07 | .00 | .07 | .07 | .05 | .09 |
| compound: Self Esteem | 4 | 980 | .05 | .06 | .06 | .00 | .06 | .06 | .01 | .12 |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | 4 | 980 | -.09 | .04 | -.11 | .00 | -.11 | -.11 | -.15 | -.06 |

| | | | | | | | | | | |
|---|---|-----|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | 4 | 980 | -.03 | .02 | -.03 | .00 | -.03 | -.03 | -.06 | -.01 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 4 | 980 | .00 | .06 | .01 | .00 | .01 | .01 | -.05 | .07 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | 4 | 980 | .05 | .11 | .06 | .11 | -.08 | .21 | -.05 | .18 |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | 2 | 459 | .13 | .04 | .16 | .00 | .16 | .16 | .11 | .21 |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 4 | 980 | .11 | .03 | .14 | .00 | .14 | .14 | .11 | .16 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S34. Meta-analytic results describing personality traits' relations with visual processing--visual memory.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 17 | 9,577 | -.07 | .09 | -.09 | .10 | -.23 | .04 | -.14 | -.04 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 2 | 4,620 | -.12 | .01 | -.16 | .00 | -.16 | -.16 | -.18 | -.15 |
| Anxiety | 1 | 158 | -.14 | - | -.18 | - | - | - | -.35 | -.01 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 4 | 1,267 | -.02 | .06 | -.02 | .04 | -.07 | .03 | -.09 | .05 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 9 | 3,207 | -.03 | .07 | -.04 | .06 | -.12 | .03 | -.09 | .01 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 4 | 1,267 | -.01 | .05 | -.01 | .00 | -.01 | -.01 | -.08 | .05 |
| Conscientiousness | 14 | 3,988 | .03 | .05 | .05 | .00 | .05 | .05 | .01 | .08 |
| Industriousness | 1 | 269 | .10 | - | .14 | - | - | - | .01 | .27 |
| Orderliness | 4 | 1,267 | -.02 | .03 | -.03 | .00 | -.03 | -.03 | -.07 | .00 |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | 2 | 323 | .04 | .01 | .05 | .00 | .05 | .05 | .03 | .08 |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 14 | 5,054 | .01 | .05 | .01 | .01 | .00 | .03 | -.02 | .04 |

| | | | | | | | | | | |
|--|----|--------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 4 | 1,266 | .05 | .04 | .06 | .00 | .06 | .06 | .02 | .11 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | 7 | 1,717 | .04 | .07 | .05 | .02 | .03 | .08 | .00 | .11 |
| Openness | 16 | 5,446 | .07 | .08 | .09 | .09 | -.02 | .20 | .04 | .13 |
| Experiencing | 4 | 1,267 | -.02 | .07 | -.03 | .05 | -.10 | .03 | -.11 | .04 |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | 1 | 167 | .11 | - | .14 | - | - | - | -.01 | .30 |
| Ideas | 1 | 269 | .22 | - | .30 | - | - | - | .17 | .43 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 3 | 625 | .04 | .07 | .05 | .02 | .03 | .07 | -.04 | .14 |
| Factor Beta | 5 | 1,540 | .01 | .03 | .01 | .00 | .01 | .01 | -.02 | .04 |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | 7 | 13,251 | -.02 | .01 | -.04 | .00 | -.04 | -.04 | -.05 | -.02 |
| compound: Optimism | 1 | 303 | -.02 | - | -.03 | - | - | - | -.16 | .10 |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 4 | 1,267 | .04 | .06 | .05 | .03 | .01 | .10 | -.02 | .12 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 4 | 1,267 | -.05 | .05 | -.07 | .00 | -.07 | -.07 | -.13 | -.02 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 1 | 269 | .12 | - | .16 | - | - | - | .03 | .29 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | 1 | 269 | .21 | - | .28 | - | - | - | .15 | .42 |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 1 | 874 | -.05 | - | -.07 | - | - | - | -.15 | .01 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S35. Meta-analytic results describing personality traits’ relations with auditory processing.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 3 | 716 | -.04 | .07 | -.06 | .01 | -.08 | -.04 | -.14 | .02 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | 3 | 425 | -.08 | .12 | -.11 | .11 | -.24 | .03 | -.25 | .04 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 2 | 478 | -.12 | .05 | -.16 | .00 | -.16 | -.16 | -.24 | -.08 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 1 | 138 | .00 | - | .00 | - | - | - | -.18 | .18 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 1 | 340 | -.10 | - | -.15 | - | - | - | -.27 | -.02 |
| Conscientiousness | - | - | - | - | - | - | - | - | - | - |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | 2 | 478 | -.01 | .05 | -.02 | .00 | -.02 | -.02 | -.10 | .06 |
| Achievement | 1 | 24 | .39 | - | .53 | - | - | - | .14 | .92 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 3 | 502 | -.06 | .04 | -.08 | .00 | -.08 | -.08 | -.13 | -.03 |

| | | | | | | | | | | |
|--|---|-----|------|-----|------|-----|------|------|------|------|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 2 | 478 | .01 | .01 | .01 | .00 | .01 | .01 | .00 | .02 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | 2 | 478 | -.06 | .03 | -.08 | .00 | -.08 | -.08 | -.12 | -.04 |
| Openness | 1 | 340 | .17 | - | .23 | - | - | - | .11 | .34 |
| Experiencing | 2 | 478 | .03 | .12 | .04 | .14 | -.14 | .22 | -.15 | .23 |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | 1 | 24 | .21 | - | .30 | - | - | - | -.17 | .76 |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 1 | 237 | .09 | - | .12 | - | - | - | -.02 | .26 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | 1 | 24 | .03 | - | .04 | - | - | - | -.44 | .51 |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 1 | 24 | .02 | - | .02 | - | - | - | -.43 | .48 |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|------|-----|------|-----|-----|-----|------|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 1 | 340 | -.05 | - | -.06 | - | - | - | -.19 | .06 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 2 | 478 | .02 | .06 | .03 | .00 | .03 | .03 | -.06 | .12 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 1 | 24 | -.24 | - | -.34 | - | - | - | -.80 | .13 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 1 | 24 | .23 | - | .32 | - | - | - | -.13 | .76 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S36. Meta-analytic results describing personality traits’ relations with processing speed.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 8 | 1,259 | -.14 | .18 | -.17 | .19 | -.41 | .08 | -.29 | -.04 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | 2 | 1,854 | -.05 | .01 | -.06 | .00 | -.06 | -.06 | -.07 | -.05 |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | 2 | 375 | -.19 | .10 | -.23 | .08 | -.34 | -.13 | -.37 | -.10 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 2 | 698 | -.04 | .02 | -.05 | .00 | -.05 | -.05 | -.08 | -.01 |
| Suspiciousness | 1 | 100 | -.17 | - | -.22 | - | - | - | -.44 | -.01 |
| Agreeableness | 3 | 522 | -.04 | .02 | -.05 | .00 | -.05 | -.05 | -.07 | -.03 |
| Compassion | 1 | 1,309 | .05 | - | .07 | - | - | - | .01 | .13 |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | 6 | 22,155 | .16 | .04 | .20 | .05 | .14 | .27 | .16 | .24 |
| Lack of Aggression | 1 | 545 | -.06 | - | -.07 | - | - | - | -.16 | .01 |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 7 | 21,138 | .14 | .02 | .17 | .01 | .16 | .19 | .15 | .19 |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | 1 | 545 | -.08 | - | -.10 | - | - | - | -.19 | -.01 |
| Achievement | 1 | 545 | .06 | - | .08 | - | - | - | -.01 | .16 |
| Persistence | 2 | 1,462 | .05 | .01 | .06 | .00 | .06 | .06 | .04 | .08 |
| Dependability | 2 | 1,509 | .06 | .04 | .08 | .02 | .06 | .11 | .02 | .14 |
| Cautiousness | 2 | 353 | -.07 | .11 | -.09 | .11 | -.23 | .05 | -.26 | .08 |
| Order | 1 | 1,309 | .06 | - | .08 | - | - | - | .02 | .14 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 4 | 708 | -.03 | .13 | -.04 | .13 | -.21 | .13 | -.17 | .10 |

| | | | | | | | | | | |
|--|---|--------|------|-----|------|-----|------|------|------|-----|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 3 | 406 | -.02 | .05 | -.02 | .00 | -.02 | -.02 | -.08 | .05 |
| Activity | 2 | 300 | .15 | .05 | .20 | .00 | .20 | .20 | .13 | .27 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 3 | 845 | .00 | .11 | .00 | .11 | -.14 | .14 | -.13 | .12 |
| Sensation Seeking | 1 | 153 | .34 | - | .43 | - | - | - | .28 | .58 |
| Openness | 3 | 618 | .23 | .09 | .28 | .08 | .18 | .39 | .17 | .39 |
| Experiencing | 1 | 153 | .22 | - | .29 | - | - | - | .12 | .45 |
| Intellect | 2 | 353 | .13 | .06 | .17 | .00 | .17 | .17 | .09 | .25 |
| Need for Cognition | 2 | 336 | .05 | .06 | .06 | .00 | .06 | .06 | -.02 | .14 |
| Ideas | 3 | 565 | .11 | .07 | .14 | .01 | .12 | .15 | .05 | .23 |
| Curiosity | 1 | 183 | -.07 | - | -.09 | - | - | - | -.24 | .06 |
| Introspection | 1 | 100 | -.02 | - | -.03 | - | - | - | -.25 | .20 |
| Fantasy | 1 | 153 | .02 | - | .03 | - | - | - | -.14 | .19 |
| Aesthetics | 1 | 153 | .20 | - | .25 | - | - | - | .09 | .41 |
| Non Traditional | 1 | 153 | -.04 | - | -.05 | - | - | - | -.23 | .12 |
| Variety Seeking | 2 | 1,462 | .09 | .02 | .12 | .00 | .12 | .12 | .09 | .15 |
| Factor Alpha | 7 | 21,073 | .20 | .03 | .25 | .02 | .22 | .28 | .23 | .28 |
| Factor Beta | 1 | 1,309 | .06 | - | .07 | - | - | - | .02 | .13 |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | 1 | 106 | .03 | - | .04 | - | - | - | -.17 | .25 |
| compound: Achievement via Independence | 1 | 1,309 | .11 | - | .13 | - | - | - | .08 | .19 |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 4 | 1,116 | -.10 | .20 | -.12 | .23 | -.42 | .18 | -.32 | .08 |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|--------|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | 1 | 545 | .04 | - | .05 | - | - | - | -.04 | .14 |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | 1 | 170 | .04 | - | .05 | - | - | - | -.11 | .20 |
| compound: Stress Tolerance | 7 | 22,261 | .15 | .04 | .19 | .04 | .14 | .24 | .16 | .22 |
| compound: Trust | 2 | 300 | -.06 | .09 | -.07 | .04 | -.12 | -.02 | -.20 | .06 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 1 | 153 | .11 | - | .14 | - | - | - | -.03 | .31 |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 2 | 651 | .05 | .06 | .06 | .04 | .02 | .11 | -.03 | .15 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 2 | 197 | -.02 | .11 | -.03 | .06 | -.11 | .06 | -.19 | .14 |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 1 | 236 | -.14 | - | -.19 | - | - | - | -.33 | -.05 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 1 | 100 | .09 | - | .12 | - | - | - | -.09 | .33 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S37. Meta-analytic results describing personality traits’ relations with processing speed--perceptual speed.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 97 | 46,535 | -.04 | .08 | -.05 | .08 | -.15 | .05 | -.06 | -.03 |
| Withdrawal | 4 | 285 | -.09 | .20 | -.11 | .20 | -.36 | .15 | -.31 | .10 |
| Volatility | 4 | 538 | -.11 | .08 | -.14 | .00 | -.14 | -.14 | -.22 | -.06 |
| Negative Affect | 3 | 481 | -.43 | .04 | -.53 | .00 | -.53 | -.53 | -.58 | -.48 |
| Depression | 21 | 6,530 | -.03 | .07 | -.04 | .05 | -.11 | .02 | -.08 | -.01 |
| Anxiety | 28 | 5,912 | .00 | .10 | .00 | .09 | -.12 | .12 | -.04 | .04 |
| Anxiety (Test) | 5 | 713 | -.07 | .08 | -.08 | .00 | -.08 | -.08 | -.15 | -.01 |
| Uneven Tempered | 42 | 366,027 | -.14 | .02 | -.17 | .01 | -.19 | -.16 | -.18 | -.17 |
| Suspiciousness | 12 | 1,728 | -.11 | .10 | -.14 | .07 | -.23 | -.05 | -.20 | -.08 |
| Agreeableness | 53 | 29,908 | .04 | .06 | .05 | .04 | -.01 | .10 | .03 | .06 |
| Compassion | 4 | 360,050 | .14 | .00 | .19 | .00 | .19 | .19 | .18 | .19 |
| Politeness | 3 | 238 | .05 | .20 | .06 | .22 | -.22 | .35 | -.19 | .32 |
| Tender Mindedness | 14 | 1,314 | .01 | .11 | .01 | .03 | -.03 | .05 | -.06 | .07 |
| Nurturance | 18 | 2,017 | .01 | .10 | .01 | .04 | -.04 | .06 | -.04 | .06 |
| Cooperation | 12 | 4,304 | -.02 | .04 | -.03 | .00 | -.03 | -.03 | -.06 | -.01 |
| Lack of Aggression | 15 | 2,305 | .08 | .10 | .10 | .08 | .00 | .21 | .05 | .16 |
| Modesty | 13 | 1,268 | -.05 | .11 | -.06 | .04 | -.11 | -.02 | -.12 | .00 |
| Non Manipulative | 24 | 3,385 | .00 | .11 | .00 | .09 | -.11 | .12 | -.04 | .05 |
| Conscientiousness | 55 | 33,881 | .06 | .06 | .07 | .05 | .00 | .13 | .05 | .08 |
| Industriousness | 34 | 367,829 | .14 | .03 | .17 | .03 | .14 | .21 | .16 | .18 |
| Orderliness | 22 | 5,495 | .05 | .08 | .06 | .07 | -.02 | .15 | .02 | .10 |
| Achievement | 31 | 12,164 | .04 | .06 | .05 | .04 | .00 | .10 | .03 | .07 |
| Persistence | 17 | 2,262 | .11 | .09 | .15 | .00 | .15 | .15 | .10 | .19 |
| Dependability | 15 | 2,029 | .04 | .08 | .06 | .00 | .06 | .06 | .01 | .11 |
| Cautiousness | 35 | 364,311 | -.04 | .01 | -.05 | .00 | -.06 | -.05 | -.06 | -.05 |
| Order | 22 | 362,327 | .16 | .01 | .20 | .00 | .20 | .20 | .19 | .20 |
| Procrastination Avoidance | 1 | 158 | -.21 | - | -.26 | - | - | - | -.42 | -.10 |
| Extraversion | 86 | 23,240 | .03 | .09 | .04 | .08 | -.06 | .14 | .02 | .06 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|---------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | 9 | 980 | .05 | .11 | .07 | .07 | -.02 | .16 | -.01 | .14 |
| Assertiveness | 3 | 238 | .08 | .17 | .10 | .16 | -.11 | .30 | -.10 | .29 |
| Dominance | 45 | 379,332 | .07 | .02 | .08 | .02 | .06 | .11 | .08 | .09 |
| Activity | 27 | 372,882 | .12 | .02 | .15 | .02 | .13 | .17 | .14 | .16 |
| Positive Emotionality | 20 | 2,273 | .07 | .09 | .08 | .00 | .08 | .08 | .04 | .12 |
| Sociability | 25 | 363,041 | .15 | .02 | .18 | .01 | .17 | .20 | .18 | .19 |
| Sensation Seeking | 44 | 8,367 | .02 | .10 | .02 | .09 | -.10 | .14 | -.01 | .05 |
| Openness | 64 | 19,092 | .08 | .11 | .10 | .12 | -.05 | .25 | .07 | .13 |
| Experiencing | 24 | 366,026 | .15 | .02 | .19 | .01 | .17 | .20 | .18 | .20 |
| Intellect | 6 | 947 | .10 | .11 | .13 | .09 | .02 | .24 | .04 | .22 |
| Need for Cognition | 8 | 3,342 | .11 | .09 | .13 | .09 | .01 | .25 | .07 | .19 |
| Ideas | 18 | 2,308 | .15 | .13 | .19 | .12 | .04 | .34 | .13 | .25 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 6 | 865 | .10 | .07 | .14 | .00 | .14 | .14 | .07 | .20 |
| Fantasy | 19 | 1,909 | .01 | .12 | .01 | .07 | -.08 | .11 | -.04 | .07 |
| Aesthetics | 19 | 1,916 | .05 | .12 | .06 | .08 | -.04 | .16 | .01 | .12 |
| Non Traditional | 31 | 13,806 | .04 | .15 | .05 | .19 | -.19 | .29 | -.01 | .11 |
| Variety Seeking | 18 | 2,624 | .06 | .11 | .08 | .10 | -.05 | .22 | .02 | .14 |
| Factor Alpha | 20 | 15,333 | .07 | .06 | .08 | .06 | .01 | .16 | .06 | .11 |
| Factor Beta | 4 | 466 | .05 | .23 | .07 | .27 | -.28 | .41 | -.18 | .31 |
| General Factor of Personality | 6 | 787 | .08 | .15 | .10 | .15 | -.10 | .29 | -.03 | .22 |
| compound: Interpersonal Sensitivity | 3 | 573 | .11 | .09 | .14 | .08 | .04 | .24 | .02 | .26 |
| compound: Achievement via Independence | 3 | 470 | .15 | .07 | .19 | .00 | .19 | .19 | .11 | .27 |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | 1 | 437 | .09 | - | .11 | - | - | - | .01 | .21 |
| compound: Managerial Potential | 1 | 93 | .01 | - | .01 | - | - | - | -.20 | .22 |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 36 | 377,279 | .12 | .03 | .15 | .03 | .12 | .19 | .15 | .16 |
| compound: Locus of Control | 13 | 22,764 | .09 | .07 | .12 | .09 | .00 | .24 | .07 | .16 |
| compound: Optimism | 6 | 748 | .08 | .08 | .10 | .00 | .10 | .10 | .04 | .17 |
| compound: Routine Seeking | 3 | 2,361 | -.15 | .01 | -.18 | .00 | -.18 | -.18 | -.19 | -.16 |

| | | | | | | | | | | |
|---|----|--------|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | 1 | 2,041 | .22 | - | .27 | - | - | - | .23 | .31 |
| compound: Machiavellianism | 1 | 177 | .04 | - | .05 | - | - | - | -.11 | .21 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | 1 | 3,340 | .02 | - | .02 | - | - | - | -.02 | .05 |
| compound: Stress Tolerance | 3 | 2,156 | .03 | .05 | .04 | .05 | -.02 | .10 | -.02 | .10 |
| compound: Trust | 28 | 4,291 | .02 | .11 | .02 | .10 | -.11 | .15 | -.02 | .07 |
| compound: Self Control | 11 | 10,115 | .05 | .06 | .07 | .06 | -.01 | .15 | .03 | .10 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 13 | 1,181 | .09 | .13 | .12 | .09 | .00 | .23 | .04 | .19 |
| compound: Warmth | 40 | 8,443 | .06 | .11 | .08 | .11 | -.06 | .22 | .04 | .11 |
| compound: Grandiosity and Intimidation | 4 | 741 | -.09 | .10 | -.14 | .09 | -.25 | -.02 | -.25 | -.02 |
| compound: Ambition | 5 | 899 | .12 | .12 | .15 | .12 | .00 | .30 | .04 | .26 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 4 | 530 | -.05 | .16 | -.06 | .17 | -.28 | .16 | -.23 | .11 |
| compound: Tolerance | 3 | 589 | .19 | .07 | .24 | .00 | .24 | .24 | .16 | .32 |
| compound: Independ. of Conventions and Others | 3 | 818 | -.03 | .09 | -.05 | .08 | -.15 | .06 | -.16 | .06 |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 7 | 772 | .01 | .22 | .01 | .27 | -.33 | .36 | -.17 | .20 |
| compound: Cold Efficiency | 3 | 719 | .05 | .08 | .07 | .05 | .00 | .14 | -.03 | .17 |
| compound: Rugged Individualism | 15 | 3,084 | .01 | .13 | .02 | .13 | -.15 | .19 | -.05 | .09 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S38. Meta-analytic results describing personality traits’ relations with processing speed--perceptual speed---scanning.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 42 | 100,600 | -.09 | .05 | -.11 | .06 | -.19 | -.04 | -.13 | -.09 |
| Withdrawal | 1 | 1,991 | -.03 | - | -.04 | - | - | - | -.09 | .01 |
| Volatility | 1 | 91 | .03 | - | .04 | - | - | - | -.18 | .27 |
| Negative Affect | 2 | 293 | .02 | .03 | .03 | .00 | .03 | .03 | -.03 | .08 |
| Depression | 10 | 10,410 | -.07 | .03 | -.09 | .01 | -.11 | -.08 | -.12 | -.07 |
| Anxiety | 8 | 72,705 | -.08 | .01 | -.10 | .00 | -.10 | -.10 | -.11 | -.09 |
| Anxiety (Test) | 2 | 364 | -.15 | .15 | -.19 | .16 | -.40 | .02 | -.40 | .03 |
| Uneven Tempered | 12 | 434,318 | -.11 | .02 | -.15 | .03 | -.18 | -.11 | -.16 | -.13 |
| Suspiciousness | 5 | 684 | -.11 | .10 | -.16 | .08 | -.26 | -.06 | -.27 | -.05 |
| Agreeableness | 17 | 86,083 | .05 | .03 | .06 | .03 | .02 | .10 | .05 | .08 |
| Compassion | 2 | 359,952 | .11 | .00 | .15 | .00 | .15 | .15 | .15 | .15 |
| Politeness | 2 | 71,946 | .03 | .01 | .04 | .00 | .03 | .04 | .02 | .05 |
| Tender Mindedness | 1 | 130 | -.01 | - | -.02 | - | - | - | -.23 | .20 |
| Nurturance | 2 | 71,946 | .02 | .01 | .03 | .00 | .03 | .03 | .02 | .03 |
| Cooperation | 3 | 75,286 | .05 | .03 | .07 | .04 | .02 | .11 | .03 | .10 |
| Lack of Aggression | 2 | 420 | .05 | .06 | .06 | .00 | .06 | .06 | -.03 | .16 |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 8 | 2,459 | .02 | .05 | .03 | .00 | .03 | .03 | -.01 | .07 |
| Conscientiousness | 23 | 96,293 | .06 | .08 | .08 | .11 | -.06 | .21 | .04 | .11 |
| Industriousness | 8 | 434,549 | .11 | .01 | .15 | .00 | .15 | .15 | .14 | .16 |
| Orderliness | 14 | 76,643 | .06 | .02 | .08 | .02 | .06 | .11 | .07 | .10 |
| Achievement | 4 | 693 | .06 | .05 | .08 | .00 | .08 | .08 | .02 | .13 |
| Persistence | 4 | 708 | .04 | .07 | .06 | .00 | .06 | .06 | -.02 | .14 |
| Dependability | 2 | 383 | .03 | .01 | .04 | .00 | .04 | .04 | .02 | .06 |
| Cautiousness | 6 | 360,823 | -.01 | .00 | -.01 | .00 | -.01 | -.01 | -.02 | -.01 |
| Order | 3 | 360,205 | .13 | .01 | .18 | .00 | .18 | .18 | .17 | .19 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 29 | 89,980 | .02 | .04 | .02 | .04 | -.03 | .08 | .01 | .04 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|---------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | 8 | 11,226 | .13 | .02 | .17 | .00 | .17 | .17 | .15 | .19 |
| Assertiveness | 1 | 91 | .00 | - | .00 | - | - | - | -.22 | .22 |
| Dominance | 18 | 443,462 | .03 | .04 | .04 | .06 | -.04 | .11 | .01 | .06 |
| Activity | 6 | 370,501 | .09 | .02 | .13 | .02 | .11 | .15 | .11 | .15 |
| Positive Emotionality | 2 | 420 | .05 | .19 | .07 | .23 | -.22 | .37 | -.22 | .36 |
| Sociability | 8 | 432,223 | .11 | .05 | .14 | .07 | .06 | .23 | .10 | .18 |
| Sensation Seeking | 13 | 3,332 | -.02 | .07 | -.02 | .03 | -.06 | .01 | -.06 | .02 |
| Openness | 25 | 89,267 | .01 | .02 | .01 | .02 | -.02 | .04 | .00 | .02 |
| Experiencing | 11 | 362,578 | .11 | .01 | .15 | .00 | .15 | .15 | .14 | .16 |
| Intellect | 5 | 875 | .02 | .13 | .02 | .14 | -.16 | .20 | -.11 | .15 |
| Need for Cognition | 2 | 260 | .14 | .08 | .18 | .00 | .18 | .18 | .06 | .29 |
| Ideas | 3 | 575 | .14 | .15 | .19 | .19 | -.05 | .43 | -.01 | .39 |
| Curiosity | 2 | 71,946 | .06 | .01 | .08 | .00 | .07 | .09 | .07 | .09 |
| Introspection | 7 | 72,516 | -.05 | .01 | -.08 | .00 | -.08 | -.08 | -.09 | -.07 |
| Fantasy | 2 | 294 | .05 | .02 | .07 | .00 | .07 | .07 | .04 | .10 |
| Aesthetics | 3 | 72,088 | -.06 | .01 | -.07 | .00 | -.08 | -.07 | -.08 | -.06 |
| Non Traditional | 7 | 1,235 | .06 | .07 | .09 | .00 | .09 | .09 | .03 | .15 |
| Variety Seeking | 1 | 164 | .10 | - | .15 | - | - | - | -.04 | .33 |
| Factor Alpha | 6 | 11,026 | .01 | .04 | .01 | .04 | -.04 | .06 | -.02 | .04 |
| Factor Beta | 6 | 1,761 | .03 | .09 | .04 | .09 | -.07 | .16 | -.04 | .12 |
| General Factor of Personality | 4 | 361 | .12 | .06 | .15 | .00 | .15 | .15 | .08 | .22 |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | 1 | 216 | .08 | - | .11 | - | - | - | -.04 | .25 |
| compound: Innovation | 2 | 71,946 | .05 | .00 | .06 | .00 | .06 | .06 | .06 | .07 |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 13 | 388,494 | .10 | .02 | .14 | .01 | .12 | .16 | .13 | .15 |
| compound: Locus of Control | 12 | 39,869 | .09 | .06 | .13 | .08 | .03 | .24 | .09 | .17 |
| compound: Optimism | 4 | 10,676 | .00 | .02 | .00 | .00 | .00 | .00 | -.02 | .02 |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|----|--------|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | 2 | 71,946 | .04 | .00 | .05 | .00 | .05 | .05 | .05 | .05 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | 1 | 3,340 | -.03 | - | -.04 | - | - | - | -.07 | .00 |
| compound: Stress Tolerance | 5 | 74,168 | .12 | .02 | .16 | .00 | .16 | .16 | .14 | .17 |
| compound: Trust | 12 | 2,814 | .03 | .06 | .04 | .00 | .04 | .04 | .00 | .07 |
| compound: Self Control | 1 | 219 | .02 | - | .02 | - | - | - | -.12 | .17 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 15 | 75,095 | .05 | .02 | .07 | .03 | .04 | .11 | .06 | .09 |
| compound: Grandiosity and Intimidation | 2 | 71,946 | -.02 | .00 | -.02 | .00 | -.02 | -.02 | -.03 | -.02 |
| compound: Ambition | 3 | 8,779 | .50 | .07 | .66 | .05 | .59 | .73 | .58 | .74 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 5 | 577 | .05 | .13 | .06 | .12 | -.09 | .21 | -.06 | .19 |
| compound: Tolerance | 2 | 488 | .06 | .23 | .08 | .30 | -.31 | .47 | -.28 | .45 |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | 1 | 219 | -.04 | - | -.05 | - | - | - | -.20 | .10 |
| compound: Judging-Perceiving | 5 | 900 | -.03 | .07 | -.04 | .00 | -.04 | -.04 | -.12 | .03 |
| compound: Cold Efficiency | 3 | 457 | -.07 | .06 | -.11 | .00 | -.11 | -.11 | -.19 | -.02 |
| compound: Rugged Individualism | 8 | 1,575 | -.06 | .09 | -.08 | .07 | -.16 | .01 | -.15 | -.01 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S39. Meta-analytic results describing personality traits’ relations with processing speed--perceptual speed---pattern recognition.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 6 | 7,884 | -.09 | .05 | -.11 | .04 | -.16 | -.05 | -.14 | -.07 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 2 | 8,052 | -.05 | .10 | -.06 | .13 | -.22 | .10 | -.21 | .09 |
| Anxiety | 2 | 2,929 | .11 | .01 | .14 | .00 | .14 | .14 | .12 | .15 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | 2 | 420 | -.05 | .04 | -.07 | .00 | -.07 | -.07 | -.14 | .00 |
| Agreeableness | 2 | 2,291 | -.09 | .03 | -.11 | .02 | -.14 | -.08 | -.16 | -.06 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | 2 | 420 | -.03 | .01 | -.04 | .00 | -.04 | -.04 | -.06 | -.03 |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 4 | 2,710 | -.11 | .03 | -.14 | .00 | -.14 | -.14 | -.17 | -.11 |
| Industriousness | 2 | 420 | -.02 | .12 | -.03 | .13 | -.20 | .14 | -.21 | .15 |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | 2 | 420 | -.11 | .02 | -.14 | .00 | -.14 | -.14 | -.17 | -.11 |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 4 | 2,723 | .03 | .03 | .04 | .00 | .04 | .04 | .02 | .07 |

| | | | | | | | | | | |
|--|---|-------|-----|-----|-----|-----|------|-----|------|-----|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 2 | 420 | .02 | .04 | .03 | .00 | .03 | .03 | -.04 | .10 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | 2 | 420 | .05 | .03 | .07 | .00 | .07 | .07 | .03 | .11 |
| Sociability | 1 | 142 | .01 | - | .01 | - | - | - | -.17 | .18 |
| Sensation Seeking | 2 | 420 | .13 | .09 | .17 | .07 | .08 | .25 | .03 | .30 |
| Openness | 3 | 2,491 | .15 | .06 | .19 | .07 | .10 | .28 | .11 | .27 |
| Experiencing | 1 | 142 | .05 | - | .07 | - | - | - | -.12 | .25 |
| Intellect | 1 | 189 | .10 | - | .13 | - | - | - | -.03 | .28 |
| Need for Cognition | 2 | 291 | .06 | .00 | .07 | .00 | .07 | .07 | .07 | .07 |
| Ideas | 1 | 142 | .16 | - | .21 | - | - | - | .03 | .39 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 1 | 142 | .09 | - | .13 | - | - | - | -.06 | .33 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | 1 | 142 | .18 | - | .23 | - | - | - | .06 | .40 |
| Non Traditional | 3 | 562 | .05 | .09 | .07 | .08 | -.03 | .17 | -.05 | .19 |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 2 | 420 | -.06 | .02 | -.07 | .00 | -.07 | -.07 | -.10 | -.04 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 1 | 142 | -.05 | - | -.07 | - | - | - | -.25 | .11 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S40. Meta-analytic results describing personality traits’ relations with processing speed--number facility.

| Personality Construct | Total K | Total N | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|---------|---------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 45 | 17,745 | -.08 | .07 | -.10 | .05 | -.16 | -.03 | -.12 | -.08 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 8 | 4,953 | -.14 | .05 | -.17 | .04 | -.22 | -.12 | -.21 | -.13 |
| Anxiety | 7 | 695 | -.11 | .21 | -.13 | .22 | -.41 | .14 | -.29 | .02 |
| Anxiety (Test) | 4 | 721 | -.32 | .18 | -.37 | .19 | -.62 | -.13 | -.54 | -.20 |
| Uneven Tempered | 12 | 362,127 | -.15 | .01 | -.18 | .00 | -.18 | -.18 | -.18 | -.17 |
| Suspiciousness | 3 | 520 | -.15 | .01 | -.20 | .00 | -.20 | -.20 | -.21 | -.18 |
| Agreeableness | 18 | 5,741 | .01 | .07 | .01 | .06 | -.07 | .09 | -.03 | .04 |
| Compassion | 1 | 359,368 | .13 | - | .17 | - | - | - | .17 | .17 |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | 8 | 21,025 | .16 | .02 | .20 | .01 | .19 | .21 | .18 | .22 |
| Lack of Aggression | 2 | 420 | .00 | .04 | .00 | .00 | .00 | .00 | -.05 | .05 |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 2 | 427 | .08 | .04 | .10 | .00 | .10 | .10 | .05 | .16 |
| Conscientiousness | 21 | 34,605 | .21 | .15 | .25 | .18 | .02 | .47 | .18 | .31 |
| Industriousness | 5 | 361,909 | .17 | .02 | .21 | .01 | .19 | .23 | .20 | .22 |
| Orderliness | 9 | 2,642 | .10 | .04 | .13 | .00 | .13 | .13 | .10 | .15 |
| Achievement | 5 | 696 | .03 | .04 | .04 | .00 | .04 | .04 | .00 | .08 |
| Persistence | 1 | 101 | .04 | - | .05 | - | - | - | -.16 | .26 |
| Dependability | 2 | 312 | .13 | .06 | .17 | .00 | .17 | .17 | .09 | .26 |
| Cautiousness | 6 | 360,555 | .01 | .00 | .01 | .00 | .01 | .01 | .01 | .02 |
| Order | 1 | 359,368 | .16 | - | .19 | - | - | - | .19 | .20 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 33 | 10,026 | .02 | .10 | .02 | .10 | -.11 | .16 | -.01 | .06 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|---------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | 3 | 179 | .10 | .13 | .12 | .00 | .12 | .12 | -.03 | .28 |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 18 | 371,566 | .03 | .06 | .04 | .08 | -.06 | .14 | .01 | .07 |
| Activity | 3 | 359,806 | .12 | .00 | .16 | .00 | .16 | .16 | .15 | .16 |
| Positive Emotionality | 2 | 420 | .00 | .10 | .00 | .09 | -.11 | .11 | -.14 | .14 |
| Sociability | 4 | 359,855 | .14 | .01 | .17 | .00 | .17 | .17 | .16 | .18 |
| Sensation Seeking | 13 | 5,532 | .04 | .08 | .05 | .07 | -.04 | .15 | .01 | .10 |
| Openness | 15 | 5,187 | .02 | .06 | .03 | .03 | -.01 | .07 | .00 | .06 |
| Experiencing | 9 | 363,819 | .13 | .02 | .17 | .02 | .14 | .20 | .15 | .18 |
| Intellect | 2 | 129 | .12 | .14 | .15 | .09 | .04 | .26 | -.05 | .35 |
| Need for Cognition | 1 | 213 | .05 | - | .05 | - | - | - | -.08 | .18 |
| Ideas | 1 | 80 | .09 | - | .11 | - | - | - | -.12 | .34 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 6 | 787 | -.04 | .07 | -.05 | .00 | -.05 | -.05 | -.11 | .01 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | 5 | 2,710 | .13 | .03 | .17 | .00 | .17 | .17 | .14 | .20 |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 14 | 32,591 | .14 | .09 | .17 | .10 | .04 | .30 | .12 | .22 |
| Factor Beta | 6 | 1,623 | .02 | .09 | .02 | .08 | -.08 | .12 | -.05 | .09 |
| General Factor of Personality | 2 | 145 | -.04 | .32 | -.05 | .36 | -.51 | .42 | -.50 | .41 |
| compound: Interpersonal Sensitivity | 5 | 469 | -.03 | .12 | -.04 | .08 | -.15 | .06 | -.16 | .07 |
| compound: Achievement via Independence | 2 | 312 | .13 | .06 | .16 | .00 | .16 | .16 | .08 | .24 |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | 1 | 64 | .00 | - | .00 | - | - | - | -.26 | .26 |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 5 | 359,882 | .13 | .00 | .16 | .00 | .16 | .16 | .15 | .16 |
| compound: Locus of Control | 1 | 335 | .06 | - | .07 | - | - | - | -.04 | .19 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | 2 | 2,121 | -.08 | .01 | -.09 | .00 | -.09 | -.09 | -.11 | -.07 |

| | | | | | | | | | | |
|---|----|--------|------|-----|------|-----|------|------|------|-----|
| compound: Resourcefulness | 1 | 2,041 | .23 | - | .28 | - | - | - | .24 | .32 |
| compound: Machiavellianism | 1 | 177 | .05 | - | .06 | - | - | - | -.09 | .22 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | 8 | 21,321 | .16 | .05 | .20 | .06 | .13 | .27 | .16 | .24 |
| compound: Trust | 3 | 527 | .04 | .06 | .06 | .00 | .06 | .06 | -.02 | .13 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 10 | 4,871 | .05 | .05 | .06 | .04 | .02 | .11 | .03 | .10 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 5 | 8,880 | .20 | .06 | .25 | .07 | .16 | .33 | .19 | .30 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 6 | 546 | -.09 | .14 | -.11 | .11 | -.25 | .03 | -.23 | .00 |
| compound: Tolerance | 1 | 80 | .11 | - | .14 | - | - | - | -.09 | .37 |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 2 | 99 | -.02 | .03 | -.03 | .00 | -.03 | -.03 | -.07 | .02 |
| compound: Cold Efficiency | 1 | 271 | .08 | - | .11 | - | - | - | -.03 | .25 |
| compound: Rugged Individualism | 7 | 461 | .05 | .18 | .07 | .16 | -.13 | .27 | -.07 | .21 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S41. Meta-analytic results describing personality traits' relations with reaction and decision speed.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 1 | 4,623 | .03 | - | .04 | - | - | - | .01 | .07 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 1 | 4,623 | -.01 | - | -.01 | - | - | - | -.04 | .02 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 1 | 4,623 | .02 | - | .02 | - | - | - | -.01 | .05 |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | 1 | 229 | .04 | - | .05 | - | - | - | -.09 | .20 |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | 2 | 279 | -.09 | .06 | -.12 | .00 | -.12 | -.12 | -.21 | -.04 |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 1 | 229 | .05 | - | .06 | - | - | - | -.07 | .20 |

| | | | | | | | | | | |
|--|---|-------|------|---|------|---|---|---|------|------|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 1 | 4,623 | -.03 | - | -.04 | - | - | - | -.07 | -.01 |
| Activity | 1 | 229 | -.08 | - | -.11 | - | - | - | -.25 | .04 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | - | - | - | - | - | - | - | - | - | - |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | 1 | 138 | .18 | - | .22 | - | - | - | .05 | .38 |
| Ideas | 1 | 229 | .07 | - | .09 | - | - | - | -.05 | .24 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | 1 | 4,623 | .01 | - | .02 | - | - | - | -.02 | .05 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|-----|------|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | 2 | 4,852 | -.03 | .04 | -.03 | .04 | -.09 | .02 | -.09 | .03 |
| compound: Risk Taking | 1 | 229 | .02 | - | .03 | - | - | - | -.12 | .17 |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 1 | 50 | .02 | - | .02 | - | - | - | -.29 | .33 |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S42. Meta-analytic results describing personality traits' relations with reaction and decision speed--simple reaction time.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 18 | 16,201 | .00 | .09 | .00 | .11 | -.13 | .14 | -.04 | .05 |
| Withdrawal | 11 | 6,664 | -.06 | .04 | -.08 | .00 | -.08 | -.08 | -.11 | -.05 |
| Volatility | 4 | 329 | -.09 | .17 | -.12 | .18 | -.34 | .11 | -.31 | .07 |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 8 | 6,398 | -.08 | .05 | -.11 | .04 | -.15 | -.06 | -.15 | -.07 |
| Anxiety | 2 | 95 | -.11 | .04 | -.14 | .00 | -.14 | -.14 | -.20 | -.08 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 4 | 329 | -.04 | .13 | -.05 | .09 | -.17 | .07 | -.20 | .10 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 5 | 9,464 | .00 | .04 | .00 | .04 | -.05 | .05 | -.04 | .04 |
| Compassion | 3 | 238 | .11 | .14 | .16 | .12 | .00 | .31 | -.04 | .35 |
| Politeness | 3 | 238 | -.06 | .10 | -.09 | .00 | -.09 | -.09 | -.23 | .04 |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | 3 | 238 | .03 | .05 | .04 | .00 | .04 | .04 | -.03 | .11 |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 6 | 9,584 | .02 | .05 | .03 | .06 | -.05 | .10 | -.02 | .07 |
| Industriousness | 3 | 238 | .05 | .19 | .07 | .21 | -.20 | .33 | -.18 | .31 |
| Orderliness | 5 | 572 | -.05 | .16 | -.08 | .18 | -.31 | .16 | -.25 | .09 |
| Achievement | 1 | 8,272 | -.02 | - | -.02 | - | - | - | -.05 | .00 |
| Persistence | 3 | 238 | .05 | .23 | .07 | .29 | -.30 | .45 | -.24 | .39 |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | 6 | 804 | -.08 | .08 | -.11 | .00 | -.11 | -.11 | -.19 | -.03 |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 17 | 7,668 | .01 | .05 | .02 | .03 | -.03 | .06 | -.01 | .05 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|--------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | 4 | 329 | .15 | .08 | .21 | .00 | .21 | .21 | .12 | .31 |
| Assertiveness | 4 | 329 | .03 | .07 | .05 | .00 | .05 | .05 | -.03 | .12 |
| Dominance | 5 | 8,601 | -.03 | .04 | -.04 | .04 | -.09 | .01 | -.08 | .00 |
| Activity | 5 | 8,970 | -.04 | .03 | -.06 | .02 | -.09 | -.03 | -.10 | -.03 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | 7 | 779 | .09 | .10 | .13 | .03 | .09 | .17 | .04 | .22 |
| Openness | 4 | 1,185 | .03 | .09 | .04 | .09 | -.07 | .16 | -.06 | .14 |
| Experiencing | 3 | 238 | -.08 | .03 | -.12 | .00 | -.12 | -.12 | -.16 | -.08 |
| Intellect | 3 | 238 | -.05 | .07 | -.07 | .00 | -.07 | -.07 | -.15 | .02 |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 1 | 243 | .36 | - | .52 | - | - | - | .39 | .65 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | 1 | 8,272 | -.01 | - | -.01 | - | - | - | -.04 | .02 |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 7 | 8,734 | .02 | .04 | .02 | .03 | -.02 | .06 | -.01 | .05 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | 9 | 6,405 | .06 | .04 | .09 | .00 | .09 | .09 | .06 | .12 |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 9 | 14,666 | .01 | .07 | .01 | .09 | -.11 | .13 | -.04 | .07 |
| compound: Locus of Control | 12 | 15,998 | -.06 | .06 | -.08 | .08 | -.19 | .02 | -.13 | -.04 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|-----|-----|-----|-----|------|-----|------|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 1 | 91 | .04 | - | .06 | - | - | - | -.19 | .30 |
| compound: Self Control | 4 | 481 | .01 | .12 | .01 | .11 | -.13 | .15 | -.12 | .15 |
| compound: Risk Taking | 1 | 243 | .14 | - | .20 | - | - | - | .05 | .34 |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 1 | 91 | .07 | - | .10 | - | - | - | -.14 | .34 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S43. Meta-analytic results describing personality traits’ relations with reaction and decision speed--choice reaction time.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 13 | 15,709 | -.04 | .06 | -.05 | .07 | -.14 | .04 | -.08 | -.01 |
| Withdrawal | 13 | 11,555 | -.07 | .05 | -.09 | .04 | -.13 | -.04 | -.11 | -.06 |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 8 | 6,359 | -.10 | .06 | -.14 | .07 | -.22 | -.05 | -.19 | -.09 |
| Anxiety | 5 | 5,054 | -.06 | .04 | -.08 | .03 | -.13 | -.04 | -.12 | -.04 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 2 | 9,226 | .03 | .02 | .03 | .03 | .00 | .07 | .00 | .07 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 3 | 9,346 | .05 | .03 | .06 | .02 | .03 | .09 | .03 | .09 |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | 1 | 8,272 | .02 | - | .03 | - | - | - | .00 | .05 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | 1 | 53 | -.03 | - | -.04 | - | - | - | -.35 | .27 |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 10 | 7,022 | .00 | .04 | .00 | .03 | -.04 | .04 | -.03 | .03 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|--------|------|-----|------|-----|------|-----|------|------|
| Enthusiasm | 5 | 5,106 | .05 | .05 | .07 | .05 | .00 | .13 | .02 | .12 |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 1 | 8,272 | .00 | - | .00 | - | - | - | -.02 | .02 |
| Activity | 1 | 8,272 | .02 | - | .03 | - | - | - | .00 | .05 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 1 | 53 | .13 | - | .17 | - | - | - | -.13 | .46 |
| Sensation Seeking | 2 | 180 | .08 | .02 | .11 | .00 | .11 | .11 | .07 | .14 |
| Openness | 1 | 947 | .06 | - | .08 | - | - | - | .01 | .15 |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | 1 | 8,272 | -.03 | - | -.04 | - | - | - | -.07 | -.02 |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 3 | 8,452 | .03 | .01 | .04 | .00 | .04 | .04 | .03 | .05 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | 8 | 6,303 | .04 | .05 | .05 | .05 | -.01 | .12 | .01 | .09 |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 9 | 14,630 | .05 | .07 | .06 | .08 | -.04 | .17 | .02 | .11 |
| compound: Locus of Control | 14 | 20,453 | -.01 | .10 | -.02 | .14 | -.20 | .16 | -.08 | .04 |
| compound: Optimism | 5 | 4,643 | .05 | .05 | .06 | .06 | -.01 | .14 | .01 | .12 |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S44. Meta-analytic results describing personality traits’ relations with reaction and decision speed--choice reaction time---decision time.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 2 | 12,895 | .06 | .02 | .08 | .02 | .05 | .10 | .05 | .11 |
| Withdrawal | 5 | 5,253 | -.10 | .05 | -.13 | .04 | -.18 | -.08 | -.18 | -.09 |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | 5 | 5,133 | -.05 | .03 | -.06 | .00 | -.06 | -.06 | -.08 | -.03 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 2 | 12,895 | -.01 | .02 | -.01 | .02 | -.03 | .01 | -.03 | .02 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 2 | 12,895 | .01 | .00 | .01 | .00 | .01 | .01 | .00 | .01 |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | 1 | 8,272 | -.02 | - | -.03 | - | - | - | -.05 | -.01 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|--|---|--------|------|-----|------|-----|------|------|------|------|
| Extraversion | - | - | - | - | - | - | - | - | - | - |
| Enthusiasm | 5 | 5,187 | .11 | .04 | .15 | .02 | .11 | .18 | .11 | .18 |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 2 | 12,895 | -.04 | .01 | -.06 | .00 | -.06 | -.06 | -.07 | -.05 |
| Activity | 1 | 8,272 | -.06 | - | -.08 | - | - | - | -.10 | -.05 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | - | - | - | - | - | - | - | - | - | - |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | 1 | 8,272 | -.01 | - | -.01 | - | - | - | -.04 | .02 |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 1 | 8,272 | .00 | - | .01 | - | - | - | -.02 | .03 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 1 | 8,272 | -.07 | - | -.09 | - | - | - | -.11 | -.07 |
| compound: Locus of Control | 7 | 17,933 | .01 | .07 | .01 | .09 | -.10 | .13 | -.05 | .07 |
| compound: Optimism | 5 | 4,718 | .10 | .03 | .13 | .00 | .13 | .13 | .10 | .16 |

| | | | | | | | | | | |
|---|---|-------|------|---|------|---|---|---|------|------|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | 1 | 4,623 | -.03 | - | -.04 | - | - | - | -.07 | -.01 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S45. Meta-analytic results describing personality traits’ relations with reaction and decision speed--choice reaction time---movement time.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | - | - | - | - | - | - | - | - | - | - |
| Withdrawal | 5 | 5,253 | -.10 | .04 | -.13 | .03 | -.17 | -.09 | -.17 | -.09 |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | 5 | 5,133 | -.07 | .04 | -.09 | .04 | -.14 | -.04 | -.13 | -.05 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | - | - | - | - | - | - | - | - | - | - |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | - | - | - | - | - | - | - | - | - | - |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|--|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|
| Extraversion | - | - | - | - | - | - | - | - | - | - |
| Enthusiasm | 5 | 5,187 | .11 | .05 | .16 | .06 | .08 | .23 | .10 | .21 |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | - | - | - | - | - | - | - | - | - | - |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | - | - | - | - | - | - | - | - | - | - |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | 5 | 5,038 | .11 | .07 | .16 | .09 | .05 | .27 | .08 | .23 |
| compound: Optimism | 5 | 4,718 | .10 | .05 | .13 | .05 | .07 | .19 | .08 | .18 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S46. Meta-analytic results describing personality traits’ relations with reaction and decision speed--semantic processing speed.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 2 | 249 | -.05 | .04 | -.06 | .00 | -.06 | -.06 | -.11 | -.01 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 1 | 53 | -.13 | - | -.15 | - | - | - | -.42 | .11 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 1 | 53 | -.04 | - | -.05 | - | - | - | -.31 | .22 |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | 1 | 53 | -.26 | - | -.32 | - | - | - | -.58 | -.06 |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|--|---|-----|------|---|------|---|---|---|------|-----|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | - | - | - | - | - | - | - | - | - | - |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | - | - | - | - | - | - | - | - | - | - |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | 1 | .53 | -.17 | - | -.22 | - | - | - | -.52 | .07 |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|----|------|---|------|---|---|---|------|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 1 | 53 | -.20 | - | -.24 | - | - | - | -.51 | .02 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S47. Meta-analytic results describing personality traits' relations with reaction and decision speed--inspection time.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 6 | 2,302 | -.04 | .06 | -.05 | .03 | -.10 | -.01 | -.10 | -.01 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 2 | 1,004 | .01 | .03 | .01 | .00 | .01 | .01 | -.03 | .05 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 2 | 997 | -.06 | .01 | -.07 | .00 | -.07 | -.07 | -.08 | -.07 |
| Industriousness | 1 | 50 | -.05 | - | -.06 | - | - | - | -.36 | .23 |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | 1 | 50 | .04 | - | .05 | - | - | - | -.25 | .35 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | 1 | 50 | -.11 | - | -.15 | - | - | - | -.46 | .16 |
| Cautiousness | 1 | 50 | .02 | - | .03 | - | - | - | -.28 | .33 |
| Order | 1 | 50 | -.07 | - | -.09 | - | - | - | -.39 | .21 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 6 | 2,291 | -.02 | .05 | -.02 | .00 | -.02 | -.02 | -.06 | .01 |

| | | | | | | | | | | |
|--|---|-------|-----|-----|-----|-----|------|-----|------|-----|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | - | - | - | - | - | - | - | - | - | - |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | 3 | 1,061 | .00 | .05 | .00 | .00 | .00 | .00 | -.06 | .06 |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 1 | 527 | .12 | - | .16 | - | - | - | .06 | .25 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | 1 | 527 | .04 | - | .05 | - | - | - | -.04 | .14 |
| Aesthetics | 1 | 527 | .05 | - | .06 | - | - | - | -.03 | .15 |
| Non Traditional | 2 | 595 | .05 | .13 | .07 | .16 | -.14 | .29 | -.14 | .29 |
| Variety Seeking | 1 | 527 | .00 | - | .00 | - | - | - | -.10 | .10 |
| Factor Alpha | 4 | 1,298 | .01 | .09 | .01 | .09 | -.10 | .12 | -.08 | .10 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | 1 | 68 | .23 | - | .29 | - | - | - | .05 | .53 |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|-----|---|-----|---|---|---|------|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | 1 | 68 | .05 | - | .06 | - | - | - | -.19 | .31 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 1 | 527 | .07 | - | .09 | - | - | - | .00 | .19 |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S48. Meta-analytic results describing personality traits’ relations with reaction and decision speed--mental comparison speed.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 4 | 303 | -.06 | .18 | -.08 | .18 | -.31 | .15 | -.27 | .11 |
| Withdrawal | 3 | 238 | -.14 | .18 | -.18 | .18 | -.41 | .05 | -.40 | .04 |
| Volatility | 3 | 238 | -.09 | .23 | -.12 | .26 | -.45 | .21 | -.40 | .16 |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | 1 | 65 | .03 | - | .04 | - | - | - | -.22 | .30 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 3 | 238 | -.03 | .08 | -.04 | .00 | -.04 | -.04 | -.14 | .06 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 3 | 238 | .08 | .12 | .11 | .04 | .05 | .16 | -.04 | .25 |
| Compassion | 3 | 238 | .07 | .15 | .09 | .14 | -.09 | .27 | -.11 | .28 |
| Politeness | 3 | 238 | -.02 | .07 | -.02 | .00 | -.02 | -.02 | -.12 | .07 |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | 3 | 238 | .00 | .08 | .00 | .00 | .00 | .00 | -.10 | .09 |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 4 | 534 | -.02 | .18 | -.03 | .20 | -.28 | .22 | -.21 | .16 |
| Industriousness | 3 | 238 | .07 | .21 | .09 | .23 | -.21 | .38 | -.17 | .34 |
| Orderliness | 4 | 534 | -.04 | .14 | -.05 | .14 | -.23 | .13 | -.20 | .10 |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | 3 | 238 | .08 | .19 | .11 | .21 | -.16 | .37 | -.14 | .35 |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | 4 | 288 | -.09 | .06 | -.12 | .00 | -.12 | -.12 | -.19 | -.05 |
| Order | 1 | 296 | -.05 | - | -.07 | - | - | - | -.19 | .06 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 5 | 599 | .01 | .13 | .02 | .12 | -.13 | .17 | -.10 | .14 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|-----|------|-----|------|-----|------|------|------|------|
| Enthusiasm | 3 | 238 | .07 | .07 | .10 | .00 | .10 | .10 | .01 | .18 |
| Assertiveness | 3 | 238 | .04 | .16 | .05 | .15 | -.14 | .25 | -.14 | .25 |
| Dominance | 3 | 238 | .11 | .18 | .14 | .19 | -.10 | .38 | -.08 | .37 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | 3 | 238 | .07 | .12 | .09 | .03 | .05 | .13 | -.05 | .24 |
| Openness | 4 | 534 | -.08 | .10 | -.11 | .06 | -.19 | -.02 | -.21 | .00 |
| Experiencing | 3 | 238 | -.14 | .02 | -.19 | .00 | -.19 | -.19 | -.22 | -.17 |
| Intellect | 4 | 534 | .00 | .12 | .00 | .11 | -.14 | .15 | -.13 | .13 |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 1 | 296 | -.05 | - | -.07 | - | - | - | -.19 | .06 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 1 | 65 | -.06 | - | -.09 | - | - | - | -.38 | .20 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | 1 | 296 | .09 | - | .13 | - | - | - | .00 | .26 |
| Variety Seeking | 1 | 296 | .11 | - | .16 | - | - | - | .02 | .29 |
| Factor Alpha | 3 | 238 | .03 | .13 | .05 | .08 | -.06 | .15 | -.11 | .20 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | 1 | 296 | -.01 | - | -.01 | - | - | - | -.14 | .11 |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 1 | 65 | -.05 | - | -.07 | - | - | - | -.33 | .20 |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|------|-----|------|-----|------|-----|------|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | 3 | 238 | -.03 | .17 | -.04 | .16 | -.25 | .17 | -.24 | .17 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 1 | 50 | .03 | - | .04 | - | - | - | -.27 | .35 |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 1 | 296 | -.01 | - | -.02 | - | - | - | -.15 | .12 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S49. Meta-analytic results describing personality traits’ relations with acquired knowledge.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 16 | 11,563 | -.09 | .06 | -.10 | .06 | -.19 | -.02 | -.14 | -.07 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | 1 | 178 | -.03 | - | -.03 | - | - | - | -.18 | .12 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 3 | 221 | -.06 | .04 | -.07 | .00 | -.07 | -.07 | -.12 | -.02 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 9 | 6,654 | .01 | .07 | .01 | .08 | -.08 | .11 | -.03 | .06 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | 1 | 178 | .11 | - | .14 | - | - | - | -.02 | .30 |
| Tender Mindedness | 2 | 253 | .06 | .01 | .08 | .00 | .08 | .08 | .06 | .10 |
| Nurturance | 1 | 178 | .08 | - | .10 | - | - | - | -.06 | .25 |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 9 | 10,946 | -.01 | .05 | -.01 | .05 | -.08 | .06 | -.04 | .03 |
| Industriousness | 4 | 6,316 | .07 | .09 | .08 | .10 | -.05 | .21 | .00 | .17 |
| Orderliness | 5 | 9,037 | .00 | .01 | .00 | .00 | .00 | .00 | -.02 | .01 |
| Achievement | 2 | 530 | .00 | .13 | -.01 | .14 | -.19 | .17 | -.19 | .18 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | 4 | 946 | .15 | .20 | .19 | .25 | -.13 | .52 | -.03 | .41 |
| Cautiousness | 3 | 659 | .05 | .13 | .06 | .14 | -.12 | .24 | -.10 | .21 |
| Order | 2 | 648 | -.15 | .09 | -.19 | .08 | -.30 | -.09 | -.32 | -.07 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 14 | 2,993 | .00 | .10 | .00 | .08 | -.11 | .10 | -.05 | .05 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|-------|------|-----|------|-----|------|------|------|-----|
| Enthusiasm | 1 | 178 | -.04 | - | -.05 | - | - | - | -.21 | .10 |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 5 | 4,894 | .10 | .05 | .12 | .04 | .07 | .17 | .08 | .16 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 4 | 798 | .03 | .04 | .03 | .00 | .03 | .03 | -.01 | .07 |
| Sensation Seeking | 4 | 350 | .04 | .10 | .05 | .00 | .05 | .05 | -.06 | .15 |
| Openness | 8 | 2,652 | .19 | .08 | .23 | .08 | .13 | .33 | .17 | .29 |
| Experiencing | 3 | 551 | .15 | .11 | .19 | .11 | .05 | .33 | .05 | .33 |
| Intellect | 4 | 1,162 | .10 | .12 | .12 | .13 | -.05 | .29 | .00 | .25 |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 4 | 1,220 | .30 | .10 | .38 | .10 | .25 | .52 | .28 | .49 |
| Curiosity | 1 | 178 | .09 | - | .11 | - | - | - | -.04 | .26 |
| Introspection | 3 | 594 | .16 | .03 | .22 | .00 | .22 | .22 | .17 | .26 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | 1 | 178 | .00 | - | .00 | - | - | - | -.15 | .16 |
| Non Traditional | 3 | 549 | .11 | .14 | .15 | .16 | -.06 | .36 | -.03 | .33 |
| Variety Seeking | 2 | 804 | .12 | .03 | .16 | .00 | .16 | .16 | .11 | .21 |
| Factor Alpha | 4 | 723 | .15 | .12 | .19 | .11 | .05 | .33 | .07 | .31 |
| Factor Beta | 2 | 416 | .20 | .02 | .25 | .00 | .25 | .25 | .22 | .28 |
| General Factor of Personality | 2 | 307 | .08 | .11 | .10 | .10 | -.03 | .23 | -.06 | .26 |
| compound: Interpersonal Sensitivity | 2 | 307 | .00 | .01 | -.01 | .00 | -.01 | -.01 | -.02 | .01 |
| compound: Achievement via Independence | 3 | 712 | .21 | .27 | .26 | .33 | -.15 | .68 | -.06 | .58 |
| compound: Innovation | 1 | 178 | .13 | - | .15 | - | - | - | .00 | .29 |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 6 | 1,087 | .15 | .10 | .18 | .08 | .08 | .28 | .10 | .26 |
| compound: Locus of Control | 3 | 4,678 | .12 | .04 | .16 | .05 | .10 | .22 | .11 | .22 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | 2 | 416 | -.12 | .13 | -.14 | .14 | -.32 | .03 | -.33 | .04 |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | 1 | 178 | -.06 | - | -.08 | - | - | - | -.23 | .07 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | 4 | 9,078 | .05 | .04 | .07 | .04 | .02 | .11 | .03 | .10 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 5 | 474 | .04 | .11 | .05 | .03 | .01 | .09 | -.05 | .15 |
| compound: Grandiosity and Intimidation | 2 | 253 | -.07 | .08 | -.11 | .00 | -.11 | -.11 | -.23 | .02 |
| compound: Ambition | 3 | 620 | .15 | .08 | .18 | .05 | .12 | .24 | .09 | .28 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | 2 | 416 | .25 | .16 | .32 | .19 | .08 | .56 | .08 | .56 |
| compound: Independ. of Conventions and Others | 2 | 558 | .18 | .03 | .23 | .00 | .23 | .23 | .18 | .29 |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 5 | 798 | -.14 | .32 | -.19 | .41 | -.71 | .34 | -.50 | .12 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 2 | 416 | -.12 | .02 | -.15 | .00 | -.15 | -.15 | -.18 | -.12 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S50. Meta-analytic results describing personality traits’ relations with acquired knowledge--quantitative ability.

| Personality Construct | Total K | Total N | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|---------|---------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 13 | 5,176 | -.15 | .08 | -.18 | .08 | -.28 | -.08 | -.23 | -.14 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | 14 | 14,084 | -.23 | .10 | -.28 | .11 | -.42 | -.13 | -.33 | -.22 |
| Anxiety (Test) | 8 | 2,814 | -.17 | .05 | -.20 | .00 | -.20 | -.20 | -.23 | -.16 |
| Uneven Tempered | 5 | 358,641 | -.22 | .02 | -.27 | .01 | -.28 | -.26 | -.28 | -.26 |
| Suspiciousness | 1 | 114 | -.12 | - | -.15 | - | - | - | -.35 | .05 |
| Agreeableness | 10 | 1,375 | -.01 | .12 | -.01 | .10 | -.14 | .11 | -.09 | .06 |
| Compassion | 1 | 357,453 | .14 | - | .18 | - | - | - | .17 | .18 |
| Politeness | 1 | 406 | .03 | - | .04 | - | - | - | -.07 | .15 |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | 1 | 114 | .16 | - | .19 | - | - | - | .01 | .38 |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 1 | 359 | .08 | - | .11 | - | - | - | -.01 | .22 |
| Conscientiousness | 8 | 1,938 | .01 | .14 | .02 | .15 | -.18 | .22 | -.08 | .12 |
| Industriousness | 3 | 357,855 | .27 | .01 | .33 | .00 | .33 | .33 | .32 | .34 |
| Orderliness | 3 | 588 | .03 | .05 | .04 | .00 | .04 | .04 | -.02 | .11 |
| Achievement | 6 | 1,336 | .01 | .05 | .01 | .00 | .01 | .01 | -.03 | .05 |
| Persistence | 1 | 208 | .02 | - | .03 | - | - | - | -.12 | .17 |
| Dependability | 1 | 290 | .06 | - | .08 | - | - | - | -.05 | .21 |
| Cautiousness | 3 | 357,775 | -.05 | .00 | -.06 | .00 | -.06 | -.06 | -.06 | -.06 |
| Order | 1 | 357,453 | .10 | - | .13 | - | - | - | .13 | .14 |
| Procrastination Avoidance | 1 | 158 | -.09 | - | -.11 | - | - | - | -.28 | .05 |
| Extraversion | 12 | 4,875 | -.07 | .05 | -.09 | .02 | -.12 | -.06 | -.12 | -.06 |

| | | | | | | | | | | |
|--|---|---------|------|-----|------|-----|------|------|------|-----|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 4 | 358,017 | .12 | .01 | .15 | .00 | .15 | .15 | .14 | .15 |
| Activity | 2 | 357,591 | .15 | .00 | .20 | .00 | .20 | .20 | .19 | .20 |
| Positive Emotionality | 1 | 114 | .05 | - | .06 | - | - | - | -.13 | .26 |
| Sociability | 1 | 357,453 | .06 | - | .07 | - | - | - | .07 | .07 |
| Sensation Seeking | 6 | 782 | .03 | .18 | .04 | .20 | -.21 | .29 | -.11 | .19 |
| Openness | 7 | 1,169 | .09 | .12 | .11 | .12 | -.05 | .26 | .01 | .20 |
| Experiencing | 4 | 358,041 | .13 | .01 | .17 | .00 | .17 | .17 | .16 | .19 |
| Intellect | 1 | 342 | .15 | - | .19 | - | - | - | .08 | .29 |
| Need for Cognition | 4 | 509 | .02 | .06 | .02 | .00 | .02 | .02 | -.03 | .08 |
| Ideas | 2 | 632 | -.04 | .06 | -.06 | .00 | -.06 | -.05 | -.14 | .03 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 1 | 342 | .08 | - | .11 | - | - | - | -.01 | .23 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | 2 | 557 | .05 | .09 | .07 | .09 | -.04 | .18 | -.07 | .21 |
| Variety Seeking | 1 | 138 | -.04 | - | -.06 | - | - | - | -.25 | .13 |
| Factor Alpha | 2 | 160 | .18 | .30 | .22 | .35 | -.22 | .67 | -.21 | .66 |
| Factor Beta | 2 | 375 | -.01 | .14 | -.02 | .15 | -.22 | .18 | -.23 | .19 |
| General Factor of Personality | 1 | 81 | .16 | - | .20 | - | - | - | -.02 | .42 |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | 2 | 400 | .02 | .25 | .02 | .30 | -.36 | .41 | -.34 | .39 |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | 1 | 784 | .14 | - | .17 | - | - | - | .10 | .24 |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 5 | 371,322 | .18 | .01 | .23 | .00 | .23 | .23 | .22 | .24 |
| compound: Locus of Control | 3 | 13,567 | .27 | .05 | .35 | .06 | .27 | .43 | .29 | .42 |
| compound: Optimism | 1 | 4,987 | .20 | - | .25 | - | - | - | .22 | .28 |
| compound: Routine Seeking | 1 | 290 | .03 | - | .04 | - | - | - | -.08 | .15 |

| | | | | | | | | | | |
|---|---|-----|------|-----|------|-----|------|------|------|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 1 | 359 | .07 | - | .09 | - | - | - | -.02 | .20 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 3 | 564 | -.09 | .09 | -.11 | .06 | -.19 | -.03 | -.22 | .00 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 1 | 85 | -.04 | - | -.05 | - | - | - | -.27 | .17 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | 1 | 290 | -.09 | - | -.11 | - | - | - | -.24 | .01 |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | 1 | 342 | .26 | - | .33 | - | - | - | .23 | .44 |
| compound: Judging-Perceiving | 2 | 521 | -.01 | .13 | -.01 | .16 | -.21 | .19 | -.22 | .20 |
| compound: Cold Efficiency | 2 | 452 | .01 | .09 | .01 | .08 | -.10 | .11 | -.14 | .15 |
| compound: Rugged Individualism | 2 | 115 | .00 | .09 | -.01 | .00 | -.01 | -.01 | -.13 | .12 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S51. Meta-analytic results describing personality traits’ relations with acquired knowledge--quantitative ability---mathematics knowledge.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 12 | 79,615 | .05 | .04 | .06 | .04 | .01 | .12 | .04 | .09 |
| Withdrawal | 1 | 47 | .30 | - | .37 | - | - | - | .10 | .64 |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | 5 | 72,367 | .02 | .01 | .03 | .01 | .02 | .04 | .02 | .04 |
| Anxiety (Test) | 3 | 429 | -.18 | .04 | -.21 | .00 | -.21 | -.21 | -.25 | -.17 |
| Uneven Tempered | 4 | 442,338 | -.16 | .13 | -.19 | .16 | -.39 | .01 | -.32 | -.07 |
| Suspiciousness | 1 | 156 | -.06 | - | -.08 | - | - | - | -.26 | .09 |
| Agreeableness | 12 | 77,663 | -.13 | .03 | -.15 | .03 | -.20 | -.11 | -.17 | -.14 |
| Compassion | 1 | 369,865 | .13 | - | .16 | - | - | - | .16 | .17 |
| Politeness | 2 | 71,946 | -.12 | .01 | -.16 | .00 | -.16 | -.16 | -.17 | -.15 |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | 2 | 71,946 | -.12 | .01 | -.16 | .00 | -.16 | -.16 | -.16 | -.15 |
| Cooperation | 3 | 75,286 | -.06 | .01 | -.08 | .00 | -.08 | -.08 | -.09 | -.07 |
| Lack of Aggression | 1 | 156 | .06 | - | .07 | - | - | - | -.09 | .23 |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 7 | 76,551 | -.14 | .03 | -.17 | .03 | -.21 | -.13 | -.20 | -.15 |
| Industriousness | 4 | 441,964 | .19 | .16 | .23 | .19 | -.02 | .48 | .07 | .39 |
| Orderliness | 3 | 72,473 | -.16 | .02 | -.21 | .02 | -.23 | -.19 | -.24 | -.18 |
| Achievement | 3 | 429 | .09 | .14 | .11 | .14 | -.06 | .29 | -.05 | .28 |
| Persistence | 1 | 47 | -.08 | - | -.10 | - | - | - | -.41 | .20 |
| Dependability | 1 | 2,099 | .12 | - | .16 | - | - | - | .11 | .21 |
| Cautiousness | 3 | 372,120 | -.06 | .01 | -.07 | .01 | -.09 | -.06 | -.09 | -.06 |
| Order | 1 | 369,865 | .09 | - | .12 | - | - | - | .12 | .12 |
| Procrastination Avoidance | 1 | 158 | -.10 | - | -.13 | - | - | - | -.29 | .04 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|---------|------|-----|------|-----|------|------|------|------|
| Extraversion | 12 | 77,489 | -.14 | .02 | -.17 | .02 | -.20 | -.15 | -.19 | -.16 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 6 | 444,593 | .09 | .09 | .11 | .11 | -.03 | .25 | .04 | .18 |
| Activity | 3 | 372,011 | .15 | .01 | .19 | .00 | .19 | .19 | .19 | .20 |
| Positive Emotionality | 1 | 156 | .04 | - | .05 | - | - | - | -.12 | .21 |
| Sociability | 6 | 444,112 | .01 | .09 | .01 | .10 | -.12 | .15 | -.06 | .08 |
| Sensation Seeking | 2 | 683 | .07 | .11 | .09 | .13 | -.07 | .25 | -.07 | .26 |
| Openness | 8 | 76,510 | .07 | .01 | .09 | .01 | .08 | .10 | .08 | .10 |
| Experiencing | 2 | 370,392 | .13 | .01 | .17 | .01 | .16 | .17 | .15 | .19 |
| Intellect | 2 | 2,254 | .13 | .09 | .16 | .11 | .02 | .29 | .03 | .29 |
| Need for Cognition | 3 | 534 | .11 | .12 | .13 | .10 | .00 | .26 | .00 | .26 |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | 2 | 71,946 | .16 | .01 | .20 | .00 | .20 | .20 | .19 | .21 |
| Introspection | 2 | 71,946 | .04 | .00 | .05 | .00 | .05 | .05 | .05 | .06 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | 2 | 71,946 | -.11 | .00 | -.14 | .00 | -.14 | -.14 | -.15 | -.14 |
| Non Traditional | 1 | 156 | .18 | - | .23 | - | - | - | .06 | .40 |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 3 | 11,616 | .34 | .05 | .42 | .06 | .35 | .49 | .36 | .49 |
| Factor Beta | 1 | 47 | .43 | - | .54 | - | - | - | .29 | .78 |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | 1 | 150 | .24 | - | .29 | - | - | - | .14 | .45 |
| compound: Innovation | 2 | 71,946 | .01 | .00 | .01 | .00 | .01 | .01 | .00 | .01 |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 4 | 374,880 | .18 | .01 | .22 | .00 | .22 | .23 | .21 | .24 |
| compound: Locus of Control | 4 | 5,331 | .24 | .06 | .32 | .06 | .24 | .40 | .26 | .38 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|--------|------|-----|------|-----|------|------|------|------|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | 2 | 71,946 | .18 | .00 | .23 | .00 | .23 | .23 | .23 | .24 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | 1 | 3,340 | -.06 | - | -.08 | - | - | - | -.11 | -.04 |
| compound: Stress Tolerance | 2 | 71,946 | -.05 | .00 | -.07 | .00 | -.07 | -.07 | -.07 | -.06 |
| compound: Trust | 1 | 2,099 | .03 | - | .04 | - | - | - | -.01 | .08 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 4 | 72,629 | -.13 | .01 | -.17 | .01 | -.18 | -.16 | -.18 | -.15 |
| compound: Grandiosity and Intimidation | 2 | 71,946 | .04 | .00 | .06 | .00 | .06 | .06 | .06 | .06 |
| compound: Ambition | 1 | 155 | .22 | - | .27 | - | - | - | .12 | .42 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 2 | 122 | -.16 | .01 | -.22 | .00 | -.22 | -.22 | -.23 | -.21 |
| compound: Cold Efficiency | 1 | 150 | .21 | - | .30 | - | - | - | .12 | .48 |
| compound: Rugged Individualism | 1 | 132 | -.08 | - | -.10 | - | - | - | -.29 | .08 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S52. Meta-analytic results describing personality traits’ relations with acquired knowledge--quantitative ability---mathematics achievement.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 9 | 17,637 | -.04 | .05 | -.05 | .05 | -.11 | .02 | -.08 | -.01 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | 4 | 837 | -.36 | .28 | -.46 | .35 | -.92 | -.01 | -.77 | -.16 |
| Anxiety (Test) | 1 | 94 | -.06 | - | -.08 | - | - | - | -.29 | .14 |
| Uneven Tempered | 4 | 361,499 | -.22 | .02 | -.29 | .00 | -.29 | -.29 | -.31 | -.27 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 5 | 12,244 | .05 | .05 | .07 | .07 | -.01 | .16 | .02 | .12 |
| Compassion | 1 | 359,094 | .14 | - | .19 | - | - | - | .19 | .20 |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | 2 | 292 | .16 | .16 | .21 | .18 | -.02 | .44 | -.04 | .45 |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 3 | 2,405 | .02 | .06 | .03 | .06 | -.05 | .11 | -.04 | .11 |
| Conscientiousness | 5 | 12,205 | -.05 | .03 | -.06 | .03 | -.11 | -.02 | -.10 | -.03 |
| Industriousness | 3 | 366,307 | .26 | .03 | .34 | .00 | .34 | .34 | .30 | .38 |
| Orderliness | 5 | 11,327 | .02 | .03 | .02 | .03 | -.01 | .05 | -.01 | .05 |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | 1 | 1,614 | .16 | - | .23 | - | - | - | .17 | .28 |
| Cautiousness | 1 | 359,094 | -.05 | - | -.07 | - | - | - | -.07 | -.06 |
| Order | 3 | 359,753 | .10 | .01 | .14 | .00 | .14 | .14 | .13 | .15 |
| Procrastination Avoidance | 1 | 9,812 | .16 | - | .22 | - | - | - | .20 | .24 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|---------|------|-----|------|-----|------|-----|------|-----|
| Extraversion | 8 | 14,610 | .00 | .03 | .00 | .03 | -.04 | .04 | -.03 | .02 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 4 | 361,499 | .11 | .01 | .14 | .00 | .14 | .14 | .13 | .16 |
| Activity | 1 | 359,094 | .15 | - | .21 | - | - | - | .21 | .21 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 3 | 360,850 | .06 | .01 | .08 | .00 | .08 | .08 | .07 | .09 |
| Sensation Seeking | 4 | 2,502 | .02 | .03 | .02 | .00 | .02 | .02 | -.01 | .06 |
| Openness | 6 | 3,184 | .00 | .07 | .01 | .07 | -.08 | .09 | -.06 | .07 |
| Experiencing | 5 | 361,641 | .13 | .03 | .18 | .03 | .14 | .22 | .15 | .21 |
| Intellect | 3 | 874 | .05 | .09 | .07 | .09 | -.05 | .18 | -.05 | .18 |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 3 | 2,052 | .22 | .09 | .30 | .10 | .17 | .43 | .19 | .42 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 2 | 1,756 | .25 | .15 | .37 | .20 | .11 | .62 | .12 | .61 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | 1 | 142 | -.03 | - | -.04 | - | - | - | -.22 | .15 |
| Non Traditional | 3 | 792 | .13 | .11 | .19 | .13 | .02 | .36 | .04 | .34 |
| Variety Seeking | 1 | 296 | .15 | - | .22 | - | - | - | .08 | .36 |
| Factor Alpha | 4 | 2,477 | .08 | .18 | .10 | .23 | -.19 | .40 | -.09 | .30 |
| Factor Beta | 2 | 1,708 | .24 | .09 | .32 | .10 | .19 | .45 | .18 | .46 |
| General Factor of Personality | 5 | 1,099 | .01 | .08 | .01 | .06 | -.06 | .08 | -.07 | .09 |
| compound: Interpersonal Sensitivity | 1 | 363 | .03 | - | .05 | - | - | - | -.08 | .17 |
| compound: Achievement via Independence | 2 | 1,910 | .30 | .15 | .41 | .19 | .16 | .65 | .17 | .64 |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 8 | 400,074 | .17 | .03 | .23 | .02 | .21 | .25 | .21 | .25 |
| compound: Locus of Control | 5 | 35,908 | .32 | .04 | .46 | .00 | .46 | .46 | .42 | .50 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|------|------|------|
| compound: Routine Seeking | 1 | 1,612 | -.21 | - | -.28 | - | - | - | -.33 | -.23 |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 3 | 2,405 | .00 | .02 | .00 | .00 | .00 | .00 | -.03 | .03 |
| compound: Self Control | 1 | 1,614 | .01 | - | .02 | - | - | - | -.03 | .07 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 3 | 2,405 | -.05 | .07 | -.06 | .09 | -.18 | .05 | -.16 | .03 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 7 | 2,878 | .14 | .10 | .19 | .12 | .04 | .33 | .10 | .27 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | 1 | 1,614 | .25 | - | .34 | - | - | - | .29 | .40 |
| compound: Independ. of Conventions and Others | 1 | 9,812 | .10 | - | .14 | - | - | - | .12 | .17 |
| compound: Creative Personality | 2 | 528 | -.22 | .04 | -.30 | .00 | -.30 | -.30 | -.37 | -.23 |
| compound: Judging-Perceiving | 1 | 296 | -.06 | - | -.09 | - | - | - | -.22 | .05 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 2 | 1,756 | .19 | .07 | .26 | .08 | .16 | .36 | .14 | .38 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S53. Meta-analytic results describing personality traits’ relations with acquired knowledge--verbal ability.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 63 | 50,216 | -.07 | .09 | -.08 | .10 | -.21 | .04 | -.11 | -.06 |
| Withdrawal | 2 | 503 | .00 | .09 | .00 | .08 | -.09 | .10 | -.12 | .13 |
| Volatility | 1 | 200 | .09 | - | .11 | - | - | - | -.03 | .25 |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 7 | 4,067 | -.14 | .07 | -.17 | .06 | -.26 | -.09 | -.23 | -.12 |
| Anxiety | 20 | 12,277 | -.10 | .20 | -.11 | .24 | -.42 | .19 | -.20 | -.03 |
| Anxiety (Test) | 11 | 2,820 | -.19 | .15 | -.22 | .16 | -.42 | -.02 | -.30 | -.13 |
| Uneven Tempered | 15 | 353,117 | -.25 | .02 | -.30 | .01 | -.32 | -.29 | -.31 | -.29 |
| Suspiciousness | 7 | 2,071 | -.12 | .07 | -.15 | .06 | -.23 | -.08 | -.21 | -.09 |
| Agreeableness | 63 | 52,390 | .02 | .11 | .02 | .12 | -.14 | .18 | .00 | .05 |
| Compassion | 8 | 352,061 | .25 | .01 | .32 | .00 | .32 | .32 | .31 | .33 |
| Politeness | 1 | 30 | -.01 | - | -.01 | - | - | - | -.40 | .39 |
| Tender Mindedness | 9 | 900 | -.04 | .15 | -.05 | .15 | -.25 | .15 | -.16 | .06 |
| Nurturance | 3 | 319 | -.07 | .05 | -.08 | .00 | -.08 | -.08 | -.15 | -.02 |
| Cooperation | 5 | 273 | -.12 | .14 | -.16 | .04 | -.21 | -.10 | -.29 | -.03 |
| Lack of Aggression | 7 | 1,194 | .10 | .11 | .12 | .09 | .01 | .24 | .04 | .20 |
| Modesty | 1 | 93 | .24 | - | .30 | - | - | - | .09 | .50 |
| Non Manipulative | 11 | 1,436 | .05 | .10 | .06 | .05 | .00 | .13 | .00 | .13 |
| Conscientiousness | 37 | 39,686 | -.03 | .06 | -.04 | .07 | -.13 | .05 | -.06 | -.02 |
| Industriousness | 21 | 356,398 | .27 | .03 | .33 | .02 | .31 | .35 | .32 | .34 |
| Orderliness | 16 | 2,738 | .00 | .12 | .00 | .12 | -.15 | .15 | -.06 | .07 |
| Achievement | 18 | 2,467 | .09 | .15 | .12 | .15 | -.07 | .31 | .05 | .19 |
| Persistence | 1 | 79 | -.15 | - | -.19 | - | - | - | -.42 | .04 |
| Dependability | 14 | 3,617 | .18 | .10 | .24 | .10 | .10 | .37 | .18 | .29 |
| Cautiousness | 10 | 353,290 | -.07 | .01 | -.08 | .00 | -.08 | -.08 | -.09 | -.08 |
| Order | 10 | 352,767 | .20 | .02 | .25 | .01 | .24 | .27 | .24 | .27 |
| Procrastination Avoidance | 3 | 10,049 | .16 | .04 | .20 | .04 | .15 | .24 | .15 | .24 |
| Extraversion | 67 | 55,584 | -.03 | .09 | -.03 | .11 | -.17 | .10 | -.05 | -.01 |

| | | | | | | | | | | |
|--|----|---------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | 4 | 180 | -.20 | .22 | -.24 | .20 | -.50 | .02 | -.46 | -.02 |
| Dominance | 26 | 355,749 | .08 | .01 | .10 | .01 | .09 | .12 | .10 | .11 |
| Activity | 16 | 354,048 | .18 | .02 | .22 | .01 | .21 | .24 | .21 | .23 |
| Positive Emotionality | 4 | 627 | -.06 | .10 | -.07 | .08 | -.17 | .03 | -.17 | .04 |
| Sociability | 21 | 355,935 | .15 | .02 | .18 | .02 | .15 | .20 | .17 | .19 |
| Sensation Seeking | 17 | 2,618 | .00 | .10 | .00 | .08 | -.10 | .10 | -.05 | .05 |
| Openness | 54 | 38,941 | .24 | .14 | .30 | .16 | .09 | .51 | .26 | .34 |
| Experiencing | 16 | 353,598 | .24 | .01 | .31 | .00 | .31 | .31 | .30 | .31 |
| Intellect | 13 | 2,666 | .22 | .25 | .27 | .29 | -.11 | .65 | .13 | .41 |
| Need for Cognition | 6 | 1,036 | .22 | .03 | .25 | .00 | .25 | .25 | .23 | .28 |
| Ideas | 23 | 4,771 | .25 | .14 | .32 | .16 | .12 | .52 | .26 | .39 |
| Curiosity | 1 | 448 | .20 | - | .25 | - | - | - | .15 | .34 |
| Introspection | 22 | 5,510 | .15 | .09 | .21 | .09 | .09 | .32 | .16 | .25 |
| Fantasy | 4 | 929 | .17 | .15 | .21 | .17 | .00 | .43 | .06 | .37 |
| Aesthetics | 6 | 1,316 | .19 | .06 | .24 | .00 | .24 | .24 | .18 | .29 |
| Non Traditional | 16 | 3,408 | .20 | .10 | .26 | .10 | .13 | .39 | .20 | .31 |
| Variety Seeking | 7 | 1,614 | .01 | .09 | .01 | .08 | -.09 | .11 | -.06 | .08 |
| Factor Alpha | 12 | 3,549 | -.01 | .11 | -.02 | .11 | -.16 | .12 | -.08 | .04 |
| Factor Beta | 16 | 3,678 | .23 | .11 | .28 | .11 | .14 | .41 | .22 | .33 |
| General Factor of Personality | 13 | 1,514 | -.02 | .10 | -.03 | .04 | -.08 | .02 | -.09 | .03 |
| compound: Interpersonal Sensitivity | 5 | 780 | .04 | .08 | .06 | .01 | .05 | .07 | -.02 | .13 |
| compound: Achievement via Independence | 12 | 2,884 | .34 | .06 | .42 | .00 | .42 | .42 | .38 | .45 |
| compound: Innovation | 5 | 628 | .14 | .12 | .16 | .09 | .04 | .29 | .06 | .27 |
| compound: Type A | 1 | 30 | -.23 | - | -.29 | - | - | - | -.65 | .08 |
| compound: Managerial Potential | 3 | 982 | .16 | .06 | .19 | .00 | .19 | .19 | .13 | .26 |
| compound: Narcissism | 3 | 508 | .09 | .10 | .10 | .07 | .02 | .19 | .00 | .21 |
| compound: Self Esteem | 17 | 355,189 | .20 | .02 | .25 | .00 | .25 | .25 | .24 | .26 |
| compound: Locus of Control | 6 | 1,808 | .12 | .12 | .16 | .14 | -.02 | .35 | .05 | .27 |
| compound: Optimism | 4 | 180 | -.06 | .20 | -.07 | .16 | -.28 | .13 | -.28 | .13 |
| compound: Routine Seeking | 8 | 2,751 | -.17 | .05 | -.21 | .00 | -.21 | -.21 | -.24 | -.17 |

| | | | | | | | | | | |
|---|----|--------|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | 1 | 386 | .00 | - | .00 | - | - | - | -.11 | .10 |
| compound: Machiavellianism | 5 | 656 | -.01 | .09 | -.02 | .04 | -.07 | .04 | -.10 | .07 |
| compound: Self Monitoring | 1 | 81 | -.05 | - | -.06 | - | - | - | -.29 | .17 |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | 2 | 429 | .06 | .08 | .08 | .05 | .02 | .14 | -.03 | .19 |
| compound: Trust | 15 | 2,973 | .06 | .08 | .07 | .06 | .00 | .15 | .03 | .12 |
| compound: Self Control | 4 | 1,912 | .01 | .07 | .01 | .06 | -.07 | .10 | -.06 | .08 |
| compound: Risk Taking | 5 | 259 | -.01 | .08 | -.01 | .00 | -.01 | -.01 | -.08 | .06 |
| compound: Openness to Emotions | 2 | 500 | .15 | .08 | .20 | .06 | .13 | .27 | .08 | .31 |
| compound: Warmth | 13 | 2,249 | -.03 | .12 | -.04 | .11 | -.18 | .10 | -.11 | .02 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 18 | 4,506 | .11 | .15 | .13 | .17 | -.08 | .35 | .06 | .20 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 8 | 2,350 | .16 | .07 | .20 | .06 | .13 | .28 | .15 | .26 |
| compound: Tolerance | 11 | 3,066 | .21 | .13 | .27 | .14 | .09 | .44 | .19 | .34 |
| compound: Independ. of Conventions and Others | 5 | 9,992 | .10 | .02 | .13 | .01 | .12 | .13 | .10 | .15 |
| compound: Creative Personality | 6 | 1,115 | .29 | .19 | .37 | .23 | .08 | .66 | .20 | .53 |
| compound: Judging-Perceiving | 22 | 11,757 | -.12 | .06 | -.16 | .04 | -.22 | -.11 | -.19 | -.14 |
| compound: Cold Efficiency | 3 | 723 | -.05 | .06 | -.06 | .00 | -.06 | -.06 | -.15 | .02 |
| compound: Rugged Individualism | 23 | 10,923 | .04 | .16 | .05 | .19 | -.19 | .30 | -.01 | .12 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S54. Meta-analytic results describing personality traits’ relations with acquired knowledge--verbal ability---reading and writing.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 5 | 753 | -.03 | .06 | -.04 | .00 | -.04 | -.04 | -.09 | .02 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 1 | 53 | .11 | - | .14 | - | - | - | -.15 | .43 |
| Anxiety | 2 | 348 | -.11 | .13 | -.14 | .13 | -.30 | .03 | -.32 | .05 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 2 | 43 | -.07 | .01 | -.09 | .00 | -.09 | -.09 | -.10 | -.07 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 3 | 604 | -.02 | .04 | -.03 | .00 | -.03 | -.03 | -.08 | .02 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 2 | 3,033 | .07 | .14 | .09 | .17 | -.13 | .31 | -.11 | .29 |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | 2 | 43 | .05 | .03 | .06 | .00 | .06 | .06 | .02 | .10 |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | 1 | 53 | -.08 | - | -.11 | - | - | - | -.42 | .20 |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 4 | 700 | -.08 | .06 | -.10 | .00 | -.10 | -.10 | -.15 | -.04 |

| | | | | | | | | | | |
|--|---|-------|-----|-----|-----|-----|------|-----|------|-----|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 3 | 96 | .01 | .29 | .01 | .30 | -.37 | .39 | -.35 | .37 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | 2 | 43 | .19 | .26 | .24 | .19 | .00 | .48 | -.15 | .63 |
| Openness | 1 | 561 | .22 | - | .28 | - | - | - | .19 | .36 |
| Experiencing | 2 | 43 | .13 | .45 | .18 | .52 | -.49 | .84 | -.51 | .87 |
| Intellect | 2 | 2,554 | .22 | .03 | .27 | .00 | .27 | .27 | .23 | .32 |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 3 | 380 | .21 | .42 | .27 | .52 | -.40 | .94 | -.24 | .78 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 1 | 53 | .17 | - | .22 | - | - | - | -.06 | .50 |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | 1 | 2,472 | .01 | - | .01 | - | - | - | -.03 | .05 |
| compound: Stress Tolerance | 1 | 2,472 | .28 | - | .36 | - | - | - | .32 | .40 |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 2 | 43 | -.14 | .03 | -.18 | .00 | -.18 | -.18 | -.22 | -.14 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 2 | 2,703 | .24 | .04 | .30 | .03 | .26 | .34 | .24 | .36 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | 1 | 231 | -.24 | - | -.32 | - | - | - | -.45 | -.18 |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 1 | 53 | .10 | - | .13 | - | - | - | -.16 | .43 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

**Table S55. Meta-analytic results describing personality traits’ relations with acquired knowledge--verbal ability---reading and writing--
--reading comprehension.**

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 48 | 13,570 | -.09 | .10 | -.12 | .10 | -.25 | .01 | -.15 | -.09 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | 1 | 1,309 | -.01 | - | -.02 | - | - | - | -.08 | .04 |
| Negative Affect | 1 | 363 | -.09 | - | -.11 | - | - | - | -.22 | .00 |
| Depression | 7 | 5,722 | -.11 | .05 | -.15 | .04 | -.20 | -.10 | -.19 | -.11 |
| Anxiety | 11 | 6,715 | -.21 | .14 | -.27 | .17 | -.48 | -.05 | -.35 | -.18 |
| Anxiety (Test) | 3 | 1,413 | -.19 | .16 | -.24 | .20 | -.49 | .01 | -.44 | -.05 |
| Uneven Tempered | 11 | 363,690 | -.23 | .02 | -.30 | .00 | -.30 | -.30 | -.31 | -.29 |
| Suspiciousness | 8 | 2,398 | -.15 | .09 | -.21 | .09 | -.34 | -.09 | -.29 | -.14 |
| Agreeableness | 25 | 5,347 | .03 | .13 | .04 | .14 | -.14 | .22 | -.01 | .09 |
| Compassion | 2 | 362,463 | .22 | .02 | .30 | .00 | .30 | .30 | .28 | .33 |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | 1 | 33 | .09 | - | .13 | - | - | - | -.29 | .56 |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | 2 | 2,398 | .07 | .04 | .10 | .03 | .06 | .14 | .04 | .16 |
| Lack of Aggression | 6 | 1,880 | .08 | .03 | .11 | .00 | .11 | .11 | .08 | .13 |
| Modesty | 1 | 326 | -.17 | - | -.23 | - | - | - | -.35 | -.11 |
| Non Manipulative | 3 | 490 | .02 | .05 | .03 | .00 | .03 | .03 | -.03 | .09 |
| Conscientiousness | 23 | 6,659 | .02 | .11 | .03 | .12 | -.13 | .18 | -.02 | .08 |
| Industriousness | 10 | 368,625 | .24 | .03 | .31 | .03 | .28 | .34 | .29 | .33 |
| Orderliness | 11 | 9,615 | .00 | .07 | .01 | .09 | -.11 | .12 | -.04 | .05 |
| Achievement | 5 | 1,174 | .15 | .05 | .20 | .00 | .20 | .20 | .14 | .25 |
| Persistence | 3 | 2,854 | .03 | .07 | .04 | .09 | -.07 | .16 | -.05 | .14 |
| Dependability | 4 | 1,738 | .06 | .05 | .08 | .03 | .04 | .13 | .02 | .15 |
| Cautiousness | 9 | 364,157 | -.08 | .02 | -.10 | .02 | -.13 | -.07 | -.11 | -.09 |
| Order | 6 | 363,642 | .15 | .01 | .21 | .00 | .21 | .21 | .19 | .22 |
| Procrastination Avoidance | 1 | 158 | -.05 | - | -.07 | - | - | - | -.25 | .10 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|---------|------|-----|------|-----|------|------|------|-----|
| Extraversion | 41 | 8,408 | .00 | .10 | .00 | .09 | -.12 | .12 | -.03 | .03 |
| Enthusiasm | 5 | 1,433 | .00 | .07 | .01 | .06 | -.07 | .08 | -.07 | .08 |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 19 | 364,326 | .07 | .01 | .10 | .00 | .10 | .10 | .09 | .10 |
| Activity | 5 | 361,855 | .17 | .01 | .23 | .00 | .23 | .23 | .22 | .23 |
| Positive Emotionality | 3 | 1,318 | -.02 | .02 | -.02 | .00 | -.02 | -.02 | -.05 | .00 |
| Sociability | 5 | 361,937 | .11 | .01 | .14 | .00 | .14 | .15 | .14 | .15 |
| Sensation Seeking | 13 | 2,856 | .01 | .06 | .02 | .00 | .02 | .02 | -.02 | .05 |
| Openness | 20 | 4,308 | .17 | .15 | .22 | .18 | -.01 | .46 | .15 | .30 |
| Experiencing | 11 | 362,359 | .19 | .01 | .27 | .00 | .27 | .27 | .26 | .27 |
| Intellect | 2 | 131 | .29 | .09 | .38 | .00 | .38 | .38 | .23 | .52 |
| Need for Cognition | 5 | 1,108 | .29 | .02 | .35 | .00 | .35 | .35 | .33 | .38 |
| Ideas | 3 | 1,151 | .31 | .12 | .42 | .13 | .25 | .59 | .27 | .57 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 3 | 563 | .15 | .09 | .21 | .07 | .12 | .31 | .09 | .34 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | 6 | 1,457 | .22 | .20 | .31 | .27 | -.03 | .65 | .12 | .50 |
| Variety Seeking | 3 | 2,239 | .03 | .06 | .04 | .08 | -.06 | .14 | -.05 | .13 |
| Factor Alpha | 4 | 11,605 | .30 | .03 | .40 | .00 | .40 | .40 | .36 | .44 |
| Factor Beta | 2 | 1,362 | .17 | .08 | .23 | .09 | .11 | .34 | .11 | .35 |
| General Factor of Personality | 1 | 65 | .02 | - | .03 | - | - | - | -.24 | .30 |
| compound: Interpersonal Sensitivity | 1 | 796 | .10 | - | .13 | - | - | - | .05 | .21 |
| compound: Achievement via Independence | 1 | 1,309 | .10 | - | .13 | - | - | - | .07 | .19 |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 12 | 418,141 | .19 | .04 | .24 | .04 | .19 | .30 | .22 | .27 |
| compound: Locus of Control | 8 | 53,344 | .32 | .05 | .45 | .06 | .38 | .53 | .41 | .49 |
| compound: Optimism | 5 | 1,434 | .00 | .07 | .00 | .04 | -.06 | .05 | -.07 | .06 |

| | | | | | | | | | | |
|---|----|-------|------|-----|------|-----|------|-----|------|------|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | 1 | 1,089 | .07 | - | .09 | - | - | - | .03 | .15 |
| compound: Stress Tolerance | 2 | 2,398 | .12 | .13 | .15 | .17 | -.07 | .38 | -.05 | .36 |
| compound: Trust | 5 | 906 | .00 | .06 | .00 | .00 | .00 | .00 | -.06 | .06 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 14 | 3,210 | .02 | .10 | .02 | .10 | -.10 | .15 | -.03 | .08 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 2 | 280 | .31 | .25 | .40 | .31 | .01 | .79 | .03 | .78 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 3 | 563 | .01 | .09 | .01 | .07 | -.08 | .09 | -.10 | .12 |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | 1 | 231 | -.17 | - | -.23 | - | - | - | -.37 | -.09 |
| compound: Judging-Perceiving | 3 | 1,038 | .00 | .08 | .00 | .09 | -.11 | .12 | -.11 | .12 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 5 | 571 | .16 | .11 | .21 | .09 | .10 | .33 | .10 | .33 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

**Table S56. Meta-analytic results describing personality traits’ relations with acquired knowledge--verbal ability---reading and writing--
--reading decoding.**

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 5 | 4,160 | -.06 | .09 | -.07 | .09 | -.19 | .05 | -.14 | .01 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 4 | 2,092 | .15 | .06 | .18 | .04 | .12 | .23 | .12 | .23 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 4 | 2,082 | .02 | .14 | .02 | .16 | -.19 | .23 | -.12 | .16 |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | 1 | 795 | .07 | - | .09 | - | - | - | .02 | .16 |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|-------|------|-----|------|-----|------|------|------|------|
| Extraversion | 4 | 1,980 | -.08 | .06 | -.09 | .05 | -.15 | -.02 | -.15 | -.03 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | - | - | - | - | - | - | - | - | - | - |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | 3 | 1,290 | .33 | .05 | .39 | .00 | .39 | .39 | .34 | .45 |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | 1 | 795 | -.02 | - | -.02 | - | - | - | -.10 | .05 |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | 1 | 835 | -.12 | - | -.15 | - | - | - | -.22 | -.08 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|-----|---|-----|---|---|---|-----|-----|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 1 | 795 | .09 | - | .11 | - | - | - | .04 | .18 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

**Table S57. Meta-analytic results describing personality traits’ relations with acquired knowledge--verbal ability---reading and writing--
--reading speed.**

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 8 | 1,682 | -.02 | .12 | -.02 | .11 | -.17 | .13 | -.10 | .06 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 2 | 514 | -.10 | .17 | -.13 | .20 | -.38 | .13 | -.38 | .12 |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 2 | 415 | .04 | .10 | .05 | .10 | -.08 | .17 | -.10 | .20 |
| Suspiciousness | 3 | 524 | -.10 | .11 | -.14 | .10 | -.27 | -.01 | -.28 | .00 |
| Agreeableness | 4 | 573 | -.02 | .08 | -.02 | .00 | -.02 | -.02 | -.10 | .06 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 2 | 415 | .03 | .05 | .03 | .00 | .03 | .03 | -.05 | .12 |
| Conscientiousness | - | - | - | - | - | - | - | - | - | - |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | 2 | 415 | -.16 | .09 | -.21 | .07 | -.30 | -.12 | -.35 | -.08 |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|-----|------|-----|------|-----|------|------|------|------|
| Extraversion | 4 | 693 | -.06 | .10 | -.07 | .09 | -.19 | .04 | -.18 | .03 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 5 | 939 | .07 | .07 | .09 | .00 | .09 | .09 | .03 | .16 |
| Activity | 4 | 671 | .01 | .13 | .01 | .14 | -.16 | .18 | -.13 | .15 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 3 | 524 | -.06 | .05 | -.07 | .00 | -.07 | -.07 | -.13 | -.01 |
| Sensation Seeking | 2 | 415 | -.06 | .01 | -.07 | .00 | -.07 | -.07 | -.09 | -.05 |
| Openness | 4 | 693 | .02 | .25 | .02 | .31 | -.37 | .42 | -.24 | .29 |
| Experiencing | 2 | 415 | .16 | .01 | .22 | .00 | .22 | .22 | .20 | .24 |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 1 | 229 | -.30 | - | -.39 | - | - | - | -.52 | -.26 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 4 | 671 | .05 | .07 | .06 | .00 | .06 | .06 | -.02 | .15 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | 1 | 108 | .13 | - | .16 | - | - | - | -.03 | .36 |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|------|-----|------|-----|------|------|------|-----|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 5 | 939 | .05 | .09 | .07 | .06 | -.01 | .15 | -.01 | .15 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 2 | 415 | -.02 | .02 | -.02 | .00 | -.02 | -.02 | -.05 | .00 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 4 | 671 | .03 | .11 | .04 | .09 | -.08 | .16 | -.07 | .15 |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 1 | 49 | -.10 | - | -.14 | - | - | - | -.46 | .18 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 3 | 524 | .18 | .03 | .24 | .00 | .24 | .24 | .19 | .28 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

**Table S58. Meta-analytic results describing personality traits’ relations with acquired knowledge--verbal ability---reading and writing--
--native language usage.**

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 17 | 3,212 | -.04 | .07 | -.05 | .00 | -.05 | -.05 | -.08 | -.01 |
| Withdrawal | 1 | 47 | .29 | - | .39 | - | - | - | .09 | .68 |
| Volatility | 1 | 1,309 | .04 | - | .05 | - | - | - | -.01 | .11 |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 2 | 514 | .00 | .04 | .00 | .00 | .00 | .00 | -.07 | .06 |
| Anxiety | 6 | 1,381 | -.04 | .08 | -.05 | .06 | -.12 | .02 | -.12 | .02 |
| Anxiety (Test) | 6 | 1,381 | -.25 | .04 | -.31 | .00 | -.31 | -.31 | -.35 | -.28 |
| Uneven Tempered | 5 | 362,662 | -.21 | .02 | -.28 | .00 | -.28 | -.28 | -.29 | -.26 |
| Suspiciousness | 2 | 416 | .03 | .01 | .04 | .00 | .04 | .04 | .02 | .06 |
| Agreeableness | 6 | 1,205 | -.01 | .06 | -.01 | .00 | -.01 | -.01 | -.06 | .04 |
| Compassion | 2 | 362,566 | .23 | .01 | .31 | .00 | .31 | .31 | .29 | .33 |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | 1 | 1,309 | .06 | - | .08 | - | - | - | .02 | .15 |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | - | - | - | - | - | - | - | - | - | - |
| Industriousness | 2 | 363,130 | .24 | .02 | .31 | .00 | .31 | .31 | .28 | .34 |
| Orderliness | 3 | 2,540 | .08 | .05 | .12 | .05 | .05 | .18 | .05 | .18 |
| Achievement | 4 | 1,005 | -.06 | .10 | -.08 | .10 | -.22 | .05 | -.20 | .03 |
| Persistence | 2 | 1,356 | -.03 | .00 | -.04 | .00 | -.04 | -.04 | -.04 | -.04 |
| Dependability | 1 | 1,309 | .09 | - | .13 | - | - | - | .06 | .19 |
| Cautiousness | 1 | 361,257 | -.03 | - | -.04 | - | - | - | -.04 | -.04 |
| Order | 2 | 362,566 | .19 | .01 | .26 | .00 | .26 | .26 | .24 | .28 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|---------|------|-----|------|-----|------|------|------|------|
| Extraversion | 14 | 2,249 | .10 | .12 | .14 | .11 | -.01 | .28 | .07 | .20 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 5 | 362,340 | .07 | .01 | .09 | .01 | .08 | .11 | .08 | .11 |
| Activity | 5 | 363,593 | .14 | .01 | .20 | .00 | .20 | .20 | .19 | .21 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 4 | 361,720 | .14 | .01 | .18 | .00 | .18 | .18 | .17 | .19 |
| Sensation Seeking | 2 | 667 | .01 | .04 | .01 | .00 | .01 | .01 | -.05 | .07 |
| Openness | 2 | 122 | .29 | .11 | .39 | .00 | .39 | .39 | .22 | .56 |
| Experiencing | 4 | 362,079 | .22 | .01 | .31 | .00 | .31 | .31 | .30 | .31 |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 2 | 416 | .07 | .03 | .10 | .00 | .10 | .10 | .05 | .15 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | 1 | 1,309 | -.01 | - | -.01 | - | - | - | -.08 | .06 |
| Factor Alpha | 2 | 1,920 | -.09 | .02 | -.12 | .00 | -.12 | -.12 | -.16 | -.09 |
| Factor Beta | 2 | 1,356 | .20 | .00 | .26 | .00 | .26 | .26 | .26 | .27 |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | 1 | 1,309 | .07 | - | .09 | - | - | - | .03 | .15 |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 1 | 361,257 | .17 | - | .23 | - | - | - | .22 | .23 |
| compound: Locus of Control | 1 | 1,873 | .12 | - | .18 | - | - | - | .12 | .23 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|------|------|------|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | 2 | 3,182 | .03 | .09 | .03 | .12 | -.12 | .19 | -.11 | .18 |
| compound: Trust | 2 | 416 | .00 | .06 | .00 | .00 | .00 | .00 | -.10 | .10 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 3 | 822 | .14 | .05 | .19 | .00 | .19 | .19 | .13 | .25 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 2 | 416 | .03 | .10 | .04 | .10 | -.08 | .16 | -.12 | .19 |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 2 | 122 | -.18 | .03 | -.26 | .00 | -.26 | -.26 | -.31 | -.22 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 2 | 416 | -.02 | .01 | -.02 | .00 | -.02 | -.02 | -.05 | .00 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

**Table S59. Meta-analytic results describing personality traits’ relations with acquired knowledge--verbal ability---reading and writing--
--writing ability.**

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 2 | 115 | .00 | .00 | -.01 | .00 | -.01 | -.01 | -.01 | .00 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 2 | 115 | .04 | .20 | .05 | .19 | -.19 | .29 | -.24 | .34 |
| Anxiety | 4 | 505 | -.06 | .04 | -.08 | .00 | -.08 | -.08 | -.12 | -.03 |
| Anxiety (Test) | 1 | 310 | -.15 | - | -.18 | - | - | - | -.28 | -.07 |
| Uneven Tempered | 1 | 62 | -.18 | - | -.22 | - | - | - | -.47 | .03 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 1 | 62 | .08 | - | .10 | - | - | - | -.16 | .36 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | 1 | 62 | -.25 | - | -.35 | - | - | - | -.62 | -.08 |
| Nurturance | 1 | 62 | -.08 | - | -.10 | - | - | - | -.37 | .16 |
| Cooperation | 1 | 62 | .17 | - | .22 | - | - | - | -.04 | .49 |
| Lack of Aggression | 1 | 53 | .07 | - | .09 | - | - | - | -.19 | .37 |
| Modesty | 1 | 62 | -.02 | - | -.03 | - | - | - | -.29 | .24 |
| Non Manipulative | 1 | 62 | .11 | - | .15 | - | - | - | -.13 | .42 |
| Conscientiousness | 1 | 62 | .01 | - | .01 | - | - | - | -.24 | .27 |
| Industriousness | 1 | 62 | .03 | - | .04 | - | - | - | -.22 | .30 |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | 1 | 62 | .07 | - | .09 | - | - | - | -.18 | .35 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | 2 | 115 | -.05 | .11 | -.07 | .00 | -.07 | -.07 | -.23 | .10 |
| Cautiousness | 1 | 62 | .06 | - | .08 | - | - | - | -.19 | .34 |
| Order | 1 | 62 | .11 | - | .14 | - | - | - | -.12 | .40 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|--------|------|-----|------|-----|------|-----|------|------|
| Extraversion | 1 | 62 | .00 | - | .00 | - | - | - | -.26 | .26 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 2 | 115 | .01 | .20 | .01 | .19 | -.23 | .25 | -.28 | .30 |
| Activity | 1 | 62 | .16 | - | .21 | - | - | - | -.06 | .47 |
| Positive Emotionality | 1 | 62 | .04 | - | .05 | - | - | - | -.21 | .31 |
| Sociability | 1 | 62 | -.03 | - | -.04 | - | - | - | -.29 | .22 |
| Sensation Seeking | 1 | 62 | -.08 | - | -.10 | - | - | - | -.37 | .16 |
| Openness | 1 | 62 | -.07 | - | -.09 | - | - | - | -.35 | .17 |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 1 | 62 | -.04 | - | -.05 | - | - | - | -.32 | .22 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | 1 | 62 | -.05 | - | -.06 | - | - | - | -.33 | .20 |
| Aesthetics | 1 | 62 | -.09 | - | -.11 | - | - | - | -.37 | .15 |
| Non Traditional | 1 | 62 | .19 | - | .26 | - | - | - | -.02 | .53 |
| Variety Seeking | 1 | 62 | -.22 | - | -.30 | - | - | - | -.58 | -.03 |
| Factor Alpha | 1 | 53 | .27 | - | .34 | - | - | - | .08 | .61 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 5 | 18,678 | .07 | .01 | .08 | .00 | .08 | .08 | .08 | .09 |
| compound: Locus of Control | 3 | 17,031 | .33 | .03 | .44 | .01 | .42 | .46 | .40 | .48 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|----|------|---|------|---|---|---|------|-----|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 1 | 62 | .32 | - | .41 | - | - | - | .17 | .65 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 1 | 62 | -.08 | - | -.10 | - | - | - | -.37 | .17 |
| compound: Warmth | 1 | 62 | .11 | - | .14 | - | - | - | -.12 | .40 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 1 | 53 | .28 | - | .36 | - | - | - | .09 | .63 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

**Table S60. Meta-analytic results describing personality traits’ relations with acquired knowledge--verbal ability---reading and writing--
--spelling ability.**

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 20 | 3,242 | -.06 | .09 | -.07 | .05 | -.13 | -.01 | -.12 | -.03 |
| Withdrawal | 1 | 47 | .05 | - | .07 | - | - | - | -.25 | .39 |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 4 | 616 | .01 | .04 | .01 | .00 | .01 | .01 | -.03 | .06 |
| Anxiety | 6 | 1,384 | .00 | .03 | .00 | .00 | .00 | .00 | -.03 | .03 |
| Anxiety (Test) | 6 | 1,384 | -.15 | .03 | -.19 | .00 | -.19 | -.19 | -.22 | -.17 |
| Uneven Tempered | 5 | 362,354 | -.19 | .01 | -.25 | .00 | -.25 | -.25 | -.26 | -.24 |
| Suspiciousness | 2 | 416 | -.05 | .01 | -.08 | .00 | -.08 | -.08 | -.10 | -.06 |
| Agreeableness | 7 | 1,062 | .01 | .08 | .01 | .00 | .01 | .01 | -.05 | .07 |
| Compassion | 1 | 361,338 | .23 | - | .32 | - | - | - | .31 | .32 |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 1 | 246 | -.02 | - | -.03 | - | - | - | -.16 | .11 |
| Industriousness | 2 | 363,211 | .24 | .02 | .31 | .00 | .31 | .31 | .29 | .34 |
| Orderliness | 3 | 2,151 | .16 | .01 | .22 | .00 | .22 | .22 | .20 | .23 |
| Achievement | 4 | 1,008 | -.07 | .04 | -.10 | .00 | -.10 | -.10 | -.14 | -.05 |
| Persistence | 1 | 47 | -.21 | - | -.29 | - | - | - | -.61 | .03 |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | 1 | 361,338 | -.04 | - | -.06 | - | - | - | -.06 | -.06 |
| Order | 1 | 361,338 | .22 | - | .30 | - | - | - | .30 | .30 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|---------|------|-----|------|-----|------|-----|------|-----|
| Extraversion | 15 | 2,106 | .08 | .12 | .11 | .10 | -.03 | .24 | .04 | .17 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 5 | 362,032 | .09 | .01 | .12 | .00 | .12 | .12 | .11 | .13 |
| Activity | 5 | 363,674 | .13 | .01 | .18 | .00 | .18 | .18 | .18 | .19 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 4 | 361,801 | .15 | .01 | .20 | .00 | .20 | .20 | .19 | .21 |
| Sensation Seeking | 2 | 278 | .05 | .03 | .06 | .00 | .06 | .06 | .01 | .12 |
| Openness | 3 | 368 | .31 | .11 | .42 | .08 | .32 | .52 | .28 | .56 |
| Experiencing | 3 | 361,616 | .23 | .00 | .32 | .00 | .32 | .32 | .32 | .33 |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 2 | 416 | .03 | .10 | .04 | .11 | -.10 | .18 | -.13 | .21 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 3 | 2,145 | -.03 | .10 | -.03 | .13 | -.20 | .13 | -.17 | .10 |
| Factor Beta | 1 | 47 | -.19 | - | -.26 | - | - | - | -.57 | .06 |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 1 | 361,338 | .15 | - | .20 | - | - | - | .20 | .20 |
| compound: Locus of Control | 1 | 1,873 | .09 | - | .13 | - | - | - | .08 | .19 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|------|------|-----|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | 1 | 1,873 | .10 | - | .13 | - | - | - | .08 | .18 |
| compound: Trust | 2 | 416 | .10 | .03 | .14 | .00 | .14 | .14 | .10 | .18 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 2 | 278 | .23 | .05 | .31 | .00 | .31 | .31 | .24 | .39 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 2 | 416 | .02 | .01 | .02 | .00 | .02 | .02 | .01 | .03 |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 2 | 122 | -.11 | .10 | -.16 | .00 | -.16 | -.16 | -.34 | .01 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 4 | 518 | .22 | .05 | .30 | .00 | .30 | .30 | .24 | .36 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S61. Meta-analytic results describing personality traits’ relations with acquired knowledge--verbal ability---comprehension knowledge.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 40 | 9,129 | -.14 | .11 | -.18 | .10 | -.31 | -.05 | -.21 | -.14 |
| Withdrawal | 1 | 63 | -.15 | - | -.18 | - | - | - | -.44 | .07 |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | 3 | 482 | -.54 | .03 | -.67 | .00 | -.67 | -.67 | -.70 | -.64 |
| Depression | 8 | 2,251 | -.17 | .12 | -.22 | .14 | -.39 | -.04 | -.31 | -.13 |
| Anxiety | 13 | 2,649 | -.19 | .14 | -.24 | .15 | -.42 | -.05 | -.31 | -.16 |
| Anxiety (Test) | 1 | 116 | -.39 | - | -.47 | - | - | - | -.62 | -.31 |
| Uneven Tempered | 23 | 366,715 | -.21 | .02 | -.26 | .00 | -.26 | -.26 | -.27 | -.25 |
| Suspiciousness | 10 | 3,869 | -.21 | .09 | -.28 | .09 | -.40 | -.16 | -.34 | -.22 |
| Agreeableness | 7 | 2,048 | -.01 | .11 | -.01 | .12 | -.16 | .14 | -.10 | .08 |
| Compassion | 1 | 361,569 | .23 | - | .30 | - | - | - | .30 | .31 |
| Politeness | 1 | 178 | .07 | - | .10 | - | - | - | -.07 | .26 |
| Tender Mindedness | 1 | 870 | .06 | - | .09 | - | - | - | .01 | .16 |
| Nurturance | 6 | 1,501 | .11 | .05 | .14 | .00 | .14 | .14 | .09 | .18 |
| Cooperation | 1 | 870 | -.03 | - | -.05 | - | - | - | -.12 | .03 |
| Lack of Aggression | 11 | 4,306 | .05 | .07 | .07 | .07 | -.02 | .15 | .02 | .11 |
| Modesty | 1 | 870 | -.12 | - | -.15 | - | - | - | -.22 | -.08 |
| Non Manipulative | 13 | 3,035 | .05 | .10 | .07 | .11 | -.07 | .21 | .01 | .13 |
| Conscientiousness | 16 | 5,222 | -.05 | .14 | -.06 | .15 | -.26 | .13 | -.13 | .01 |
| Industriousness | 19 | 367,131 | .22 | .03 | .27 | .03 | .23 | .31 | .26 | .29 |
| Orderliness | 14 | 2,383 | -.03 | .09 | -.04 | .06 | -.13 | .04 | -.10 | .01 |
| Achievement | 10 | 2,137 | .03 | .09 | .04 | .08 | -.06 | .14 | -.02 | .10 |
| Persistence | 8 | 854 | .12 | .11 | .16 | .07 | .06 | .25 | .07 | .24 |
| Dependability | 4 | 1,368 | .18 | .10 | .24 | .11 | .09 | .38 | .13 | .35 |
| Cautiousness | 13 | 366,505 | -.02 | .01 | -.02 | .01 | -.04 | -.01 | -.03 | -.02 |
| Order | 7 | 362,932 | .20 | .01 | .25 | .00 | .25 | .25 | .24 | .26 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|---------|------|-----|------|-----|------|------|------|------|
| Extraversion | 38 | 8,871 | .08 | .10 | .10 | .09 | -.01 | .21 | .07 | .13 |
| Enthusiasm | 9 | 1,236 | .11 | .12 | .14 | .11 | .01 | .28 | .06 | .23 |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 26 | 368,415 | .06 | .02 | .07 | .02 | .05 | .10 | .06 | .08 |
| Activity | 7 | 362,955 | .14 | .00 | .19 | .00 | .19 | .19 | .19 | .19 |
| Positive Emotionality | 11 | 5,631 | .06 | .08 | .08 | .08 | -.03 | .19 | .03 | .13 |
| Sociability | 13 | 364,199 | .15 | .01 | .18 | .00 | .18 | .19 | .18 | .19 |
| Sensation Seeking | 24 | 7,768 | .13 | .07 | .16 | .04 | .11 | .22 | .13 | .19 |
| Openness | 22 | 4,616 | .25 | .11 | .31 | .10 | .18 | .44 | .26 | .36 |
| Experiencing | 14 | 363,774 | .21 | .01 | .28 | .00 | .28 | .28 | .27 | .29 |
| Intellect | 1 | 178 | .14 | - | .18 | - | - | - | .03 | .33 |
| Need for Cognition | 1 | 167 | .29 | - | .34 | - | - | - | .20 | .48 |
| Ideas | 6 | 1,566 | .28 | .18 | .36 | .21 | .09 | .64 | .21 | .52 |
| Curiosity | 1 | 178 | .00 | - | .00 | - | - | - | -.16 | .15 |
| Introspection | 3 | 498 | .08 | .15 | .11 | .18 | -.12 | .35 | -.09 | .31 |
| Fantasy | 8 | 1,666 | .11 | .10 | .14 | .10 | .02 | .27 | .07 | .22 |
| Aesthetics | 9 | 1,862 | .12 | .08 | .15 | .06 | .07 | .23 | .09 | .21 |
| Non Traditional | 18 | 5,303 | .18 | .12 | .24 | .13 | .07 | .41 | .18 | .30 |
| Variety Seeking | 2 | 937 | .20 | .04 | .27 | .00 | .27 | .27 | .21 | .34 |
| Factor Alpha | 6 | 810 | .10 | .15 | .12 | .16 | -.08 | .33 | -.01 | .25 |
| Factor Beta | 3 | 383 | .08 | .17 | .10 | .18 | -.13 | .33 | -.10 | .30 |
| General Factor of Personality | 2 | 170 | .15 | .07 | .19 | .00 | .19 | .19 | .08 | .29 |
| compound: Interpersonal Sensitivity | 2 | 1,057 | .03 | .02 | .04 | .00 | .04 | .04 | .01 | .06 |
| compound: Achievement via Independence | 2 | 320 | .12 | .35 | .15 | .43 | -.41 | .70 | -.37 | .66 |
| compound: Innovation | 1 | 178 | .16 | - | .19 | - | - | - | .04 | .34 |
| compound: Type A | 1 | 437 | .17 | - | .22 | - | - | - | .12 | .32 |
| compound: Managerial Potential | 1 | 93 | .12 | - | .15 | - | - | - | -.06 | .36 |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 18 | 365,152 | .17 | .01 | .21 | .00 | .21 | .21 | .21 | .22 |
| compound: Locus of Control | 3 | 475 | -.10 | .05 | -.14 | .00 | -.14 | -.14 | -.20 | -.08 |
| compound: Optimism | 8 | 1,064 | .06 | .07 | .08 | .00 | .08 | .08 | .03 | .13 |

| | | | | | | | | | | |
|---|----|-------|------|-----|------|-----|------|-----|------|-----|
| compound: Routine Seeking | 2 | 320 | -.05 | .27 | -.06 | .32 | -.47 | .35 | -.45 | .33 |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | 1 | 178 | -.12 | - | -.15 | - | - | - | -.31 | .00 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 13 | 3,065 | .11 | .11 | .14 | .11 | -.01 | .28 | .07 | .20 |
| compound: Self Control | 4 | 905 | -.07 | .13 | -.08 | .14 | -.26 | .10 | -.22 | .05 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 2 | 937 | .25 | .06 | .33 | .04 | .28 | .38 | .25 | .41 |
| compound: Warmth | 25 | 6,849 | -.02 | .14 | -.03 | .16 | -.23 | .18 | -.09 | .03 |
| compound: Grandiosity and Intimidation | 1 | 390 | -.07 | - | -.10 | - | - | - | -.22 | .02 |
| compound: Ambition | 3 | 589 | .25 | .26 | .31 | .31 | -.09 | .71 | .01 | .62 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | 3 | 589 | .24 | .21 | .31 | .26 | -.02 | .64 | .05 | .57 |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 2 | 438 | -.23 | .27 | -.31 | .35 | -.75 | .14 | -.73 | .12 |
| compound: Cold Efficiency | 1 | 298 | -.08 | - | -.12 | - | - | - | -.25 | .02 |
| compound: Rugged Individualism | 13 | 2,498 | .09 | .14 | .11 | .15 | -.08 | .31 | .03 | .20 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S62. Meta-analytic results describing personality traits’ relations with acquired knowledge--verbal ability---comprehension knowledge----general verbal information.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 61 | 20,165 | -.15 | .09 | -.18 | .09 | -.29 | -.07 | -.20 | -.16 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | 3 | 482 | -.52 | .03 | -.64 | .00 | -.64 | -.64 | -.68 | -.61 |
| Depression | 9 | 9,930 | -.16 | .05 | -.20 | .04 | -.25 | -.15 | -.24 | -.17 |
| Anxiety | 11 | 1,631 | -.19 | .11 | -.23 | .09 | -.34 | -.12 | -.30 | -.17 |
| Anxiety (Test) | 4 | 987 | -.21 | .15 | -.25 | .17 | -.46 | -.04 | -.40 | -.10 |
| Uneven Tempered | 20 | 364,637 | -.27 | .02 | -.33 | .00 | -.33 | -.33 | -.34 | -.32 |
| Suspiciousness | 9 | 2,945 | -.16 | .09 | -.22 | .09 | -.33 | -.11 | -.28 | -.16 |
| Agreeableness | 23 | 4,247 | .01 | .09 | .01 | .07 | -.08 | .10 | -.03 | .05 |
| Compassion | 1 | 360,899 | .21 | - | .28 | - | - | - | .27 | .28 |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | 2 | 253 | .05 | .09 | .07 | .03 | .04 | .10 | -.08 | .22 |
| Nurturance | 4 | 453 | .06 | .12 | .07 | .10 | -.06 | .21 | -.06 | .20 |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | 12 | 4,305 | .03 | .06 | .04 | .04 | -.01 | .10 | .00 | .08 |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 10 | 1,699 | .10 | .11 | .13 | .11 | .00 | .27 | .06 | .21 |
| Conscientiousness | 31 | 5,911 | -.02 | .13 | -.02 | .14 | -.20 | .16 | -.07 | .03 |
| Industriousness | 19 | 365,368 | .27 | .04 | .34 | .04 | .29 | .38 | .32 | .35 |
| Orderliness | 13 | 2,147 | -.03 | .10 | -.04 | .08 | -.14 | .06 | -.10 | .02 |
| Achievement | 9 | 1,551 | .03 | .09 | .04 | .06 | -.04 | .12 | -.02 | .11 |
| Persistence | 8 | 1,199 | .08 | .07 | .10 | .00 | .10 | .10 | .05 | .15 |
| Dependability | 4 | 772 | .04 | .16 | .06 | .19 | -.18 | .30 | -.11 | .23 |
| Cautiousness | 14 | 365,368 | -.11 | .02 | -.14 | .02 | -.17 | -.11 | -.15 | -.13 |
| Order | 7 | 361,688 | .16 | .01 | .20 | .00 | .20 | .20 | .19 | .22 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|---------|------|-----|------|-----|------|-----|------|-----|
| Extraversion | 55 | 11,871 | .03 | .11 | .03 | .11 | -.10 | .17 | .00 | .06 |
| Enthusiasm | 8 | 1,062 | .16 | .10 | .20 | .07 | .12 | .29 | .13 | .28 |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 21 | 365,973 | .09 | .01 | .12 | .00 | .12 | .12 | .11 | .12 |
| Activity | 6 | 361,756 | .21 | .01 | .28 | .00 | .28 | .28 | .27 | .28 |
| Positive Emotionality | 9 | 3,839 | .05 | .05 | .07 | .03 | .03 | .11 | .03 | .10 |
| Sociability | 12 | 362,664 | .14 | .02 | .17 | .01 | .16 | .19 | .16 | .18 |
| Sensation Seeking | 21 | 4,993 | .12 | .08 | .15 | .05 | .08 | .22 | .11 | .19 |
| Openness | 39 | 7,420 | .22 | .11 | .28 | .11 | .13 | .42 | .24 | .31 |
| Experiencing | 15 | 363,692 | .19 | .01 | .25 | .00 | .25 | .25 | .24 | .26 |
| Intellect | 3 | 812 | .16 | .08 | .20 | .06 | .11 | .28 | .10 | .29 |
| Need for Cognition | 5 | 619 | .22 | .09 | .26 | .04 | .21 | .31 | .18 | .34 |
| Ideas | 11 | 2,375 | .29 | .21 | .38 | .26 | .05 | .70 | .24 | .51 |
| Curiosity | 1 | 404 | .16 | - | .20 | - | - | - | .10 | .30 |
| Introspection | 5 | 662 | .07 | .18 | .09 | .22 | -.19 | .37 | -.09 | .28 |
| Fantasy | 7 | 800 | -.01 | .15 | -.01 | .15 | -.21 | .19 | -.13 | .11 |
| Aesthetics | 8 | 960 | .09 | .09 | .11 | .00 | .11 | .11 | .05 | .18 |
| Non Traditional | 18 | 3,747 | .09 | .10 | .13 | .10 | -.01 | .26 | .07 | .18 |
| Variety Seeking | 3 | 871 | .10 | .02 | .14 | .00 | .14 | .14 | .11 | .16 |
| Factor Alpha | 9 | 1,871 | .00 | .10 | .00 | .09 | -.11 | .11 | -.07 | .07 |
| Factor Beta | 3 | 420 | .14 | .20 | .17 | .23 | -.12 | .46 | -.06 | .41 |
| General Factor of Personality | 4 | 477 | .14 | .10 | .17 | .05 | .10 | .23 | .07 | .27 |
| compound: Interpersonal Sensitivity | 6 | 1,597 | .01 | .02 | .01 | .00 | .01 | .01 | -.01 | .03 |
| compound: Achievement via Independence | 4 | 716 | .08 | .28 | .11 | .34 | -.33 | .54 | -.18 | .39 |
| compound: Innovation | 1 | 404 | .19 | - | .23 | - | - | - | .14 | .33 |
| compound: Type A | 1 | 437 | .14 | - | .18 | - | - | - | .08 | .28 |
| compound: Managerial Potential | 1 | 93 | .12 | - | .15 | - | - | - | -.06 | .36 |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 18 | 363,716 | .23 | .02 | .29 | .00 | .29 | .29 | .29 | .30 |
| compound: Locus of Control | 4 | 728 | -.01 | .11 | -.01 | .11 | -.16 | .13 | -.14 | .11 |
| compound: Optimism | 9 | 1,371 | .03 | .11 | .03 | .10 | -.09 | .16 | -.05 | .11 |

| | | | | | | | | | | |
|---|----|-------|------|-----|------|-----|------|------|------|------|
| compound: Routine Seeking | 3 | 420 | -.13 | .21 | -.17 | .24 | -.48 | .14 | -.42 | .09 |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 10 | 1,729 | .09 | .10 | .12 | .09 | .01 | .23 | .05 | .19 |
| compound: Self Control | 6 | 1,105 | -.08 | .09 | -.10 | .05 | -.17 | -.03 | -.17 | -.03 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 1 | 67 | .00 | - | .00 | - | - | - | -.26 | .26 |
| compound: Warmth | 21 | 4,509 | -.07 | .15 | -.09 | .17 | -.30 | .13 | -.15 | -.02 |
| compound: Grandiosity and Intimidation | 3 | 643 | -.10 | .06 | -.14 | .00 | -.14 | -.14 | -.22 | -.05 |
| compound: Ambition | 4 | 689 | .21 | .21 | .27 | .25 | -.05 | .59 | .05 | .49 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | 4 | 689 | .21 | .18 | .27 | .21 | .01 | .54 | .08 | .46 |
| compound: Independ. of Conventions and Others | 1 | 508 | .24 | - | .32 | - | - | - | .23 | .42 |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 6 | 1,700 | .05 | .16 | .06 | .21 | -.20 | .33 | -.08 | .21 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 14 | 6,452 | .23 | .15 | .30 | .19 | .06 | .54 | .21 | .39 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S63. Meta-analytic results describing personality traits’ relations with acquired knowledge--verbal ability---comprehension knowledge----language development.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 7 | 3,917 | -.05 | .07 | -.06 | .07 | -.15 | .02 | -.12 | -.01 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 3 | 1,744 | -.16 | .05 | -.20 | .04 | -.25 | -.14 | -.26 | -.13 |
| Anxiety | 1 | 114 | -.24 | - | -.29 | - | - | - | -.47 | -.12 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 2 | 361,116 | -.21 | .00 | -.26 | .00 | -.26 | -.26 | -.26 | -.26 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 1 | 789 | -.09 | - | -.11 | - | - | - | -.18 | -.04 |
| Compassion | 1 | 361,002 | .24 | - | .31 | - | - | - | .31 | .31 |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | 1 | 114 | .11 | - | .15 | - | - | - | -.06 | .37 |
| Nurturance | 1 | 114 | .00 | - | .00 | - | - | - | -.20 | .20 |
| Cooperation | 1 | 114 | .01 | - | .01 | - | - | - | -.19 | .21 |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 1 | 114 | .02 | - | .03 | - | - | - | -.18 | .23 |
| Conscientiousness | 1 | 789 | -.03 | - | -.04 | - | - | - | -.11 | .03 |
| Industriousness | 2 | 361,116 | .23 | .00 | .29 | .00 | .29 | .29 | .29 | .29 |
| Orderliness | 1 | 230 | -.12 | - | -.16 | - | - | - | -.30 | -.02 |
| Achievement | 1 | 114 | .29 | - | .37 | - | - | - | .19 | .55 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | 1 | 114 | .07 | - | .09 | - | - | - | -.11 | .30 |
| Cautiousness | 2 | 361,116 | -.10 | .01 | -.13 | .00 | -.13 | -.13 | -.14 | -.12 |
| Order | 1 | 361,002 | .19 | - | .25 | - | - | - | .24 | .25 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|--|---|---------|------|-----|------|-----|------|-----|------|-----|
| Extraversion | 6 | 3,685 | -.01 | .05 | -.01 | .04 | -.06 | .04 | -.05 | .03 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 2 | 361,116 | .11 | .00 | .14 | .00 | .14 | .14 | .14 | .14 |
| Activity | 1 | 361,002 | .18 | - | .23 | - | - | - | .23 | .23 |
| Positive Emotionality | 1 | 114 | .09 | - | .11 | - | - | - | -.08 | .31 |
| Sociability | 3 | 361,434 | .18 | .01 | .22 | .01 | .21 | .23 | .21 | .23 |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | 1 | 789 | .05 | - | .06 | - | - | - | -.01 | .14 |
| Experiencing | 1 | 361,002 | .20 | - | .27 | - | - | - | .26 | .27 |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 1 | 114 | .27 | - | .35 | - | - | - | .17 | .54 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | 1 | 114 | .11 | - | .14 | - | - | - | -.05 | .33 |
| Aesthetics | 1 | 114 | .14 | - | .18 | - | - | - | -.01 | .37 |
| Non Traditional | 1 | 230 | .14 | - | .18 | - | - | - | .04 | .33 |
| Variety Seeking | 1 | 114 | .11 | - | .15 | - | - | - | -.06 | .36 |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 2 | 361,320 | .19 | .00 | .23 | .00 | .23 | .23 | .23 | .24 |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|-----|-----|-----|-----|------|-----|------|-----|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 1 | 114 | .05 | - | .07 | - | - | - | -.13 | .27 |
| compound: Warmth | 1 | 114 | .06 | - | .08 | - | - | - | -.12 | .27 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 2 | 1,630 | .01 | .06 | .02 | .06 | -.05 | .09 | -.06 | .10 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S64. Meta-analytic results describing personality traits’ relations with acquired knowledge--verbal ability---comprehension knowledge----lexical knowledge.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 172 | 136,728 | -.07 | .08 | -.09 | .09 | -.20 | .02 | -.10 | -.08 |
| Withdrawal | 6 | 2,010 | -.12 | .06 | -.15 | .03 | -.19 | -.12 | -.20 | -.10 |
| Volatility | 5 | 1,672 | .03 | .07 | .04 | .06 | -.04 | .11 | -.03 | .10 |
| Negative Affect | 8 | 1,426 | -.22 | .24 | -.27 | .29 | -.64 | .10 | -.44 | -.09 |
| Depression | 30 | 17,763 | -.12 | .07 | -.15 | .07 | -.24 | -.07 | -.18 | -.13 |
| Anxiety | 55 | 82,607 | -.09 | .04 | -.11 | .04 | -.16 | -.07 | -.12 | -.10 |
| Anxiety (Test) | 9 | 2,342 | -.21 | .05 | -.25 | .00 | -.25 | -.25 | -.28 | -.22 |
| Uneven Tempered | 49 | 441,540 | -.21 | .09 | -.26 | .11 | -.40 | -.12 | -.29 | -.23 |
| Suspiciousness | 19 | 7,067 | -.17 | .11 | -.23 | .13 | -.40 | -.06 | -.29 | -.17 |
| Agreeableness | 101 | 104,188 | -.03 | .09 | -.04 | .10 | -.17 | .09 | -.06 | -.02 |
| Compassion | 9 | 363,824 | .21 | .02 | .28 | .00 | .28 | .28 | .27 | .29 |
| Politeness | 8 | 72,512 | -.10 | .02 | -.13 | .00 | -.13 | -.13 | -.15 | -.12 |
| Tender Mindedness | 19 | 1,809 | -.05 | .12 | -.06 | .09 | -.17 | .05 | -.13 | .00 |
| Nurturance | 18 | 73,640 | -.07 | .02 | -.09 | .02 | -.11 | -.07 | -.10 | -.08 |
| Cooperation | 18 | 74,684 | .03 | .02 | .04 | .02 | .02 | .07 | .03 | .05 |
| Lack of Aggression | 21 | 8,542 | .07 | .09 | .09 | .09 | -.02 | .20 | .05 | .13 |
| Modesty | 11 | 960 | -.09 | .08 | -.11 | .00 | -.11 | -.11 | -.16 | -.06 |
| Non Manipulative | 24 | 3,187 | .08 | .13 | .11 | .12 | -.05 | .26 | .05 | .16 |
| Conscientiousness | 98 | 101,140 | -.06 | .06 | -.07 | .06 | -.15 | .00 | -.08 | -.06 |
| Industriousness | 51 | 449,649 | .21 | .11 | .26 | .14 | .08 | .44 | .22 | .29 |
| Orderliness | 30 | 78,579 | -.13 | .05 | -.17 | .06 | -.25 | -.09 | -.19 | -.15 |
| Achievement | 27 | 5,842 | .03 | .13 | .03 | .14 | -.14 | .21 | -.02 | .09 |
| Persistence | 16 | 5,666 | .03 | .10 | .03 | .11 | -.11 | .18 | -.02 | .09 |
| Dependability | 24 | 8,009 | .09 | .12 | .12 | .15 | -.07 | .31 | .06 | .17 |
| Cautiousness | 42 | 371,346 | -.09 | .03 | -.12 | .03 | -.16 | -.08 | -.13 | -.11 |
| Order | 27 | 367,234 | .15 | .03 | .19 | .03 | .16 | .23 | .18 | .21 |
| Procrastination Avoidance | 3 | 1,028 | -.02 | .05 | -.02 | .00 | -.02 | -.02 | -.09 | .04 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|-----|---------|------|-----|------|-----|------|------|------|------|
| Extraversion | 150 | 108,807 | -.06 | .07 | -.07 | .07 | -.17 | .02 | -.08 | -.06 |
| Enthusiasm | 16 | 2,275 | .11 | .11 | .14 | .09 | .02 | .26 | .08 | .20 |
| Assertiveness | 5 | 647 | .00 | .11 | .00 | .08 | -.11 | .10 | -.10 | .10 |
| Dominance | 58 | 446,489 | .06 | .05 | .08 | .06 | .01 | .15 | .07 | .10 |
| Activity | 28 | 367,388 | .18 | .02 | .24 | .01 | .22 | .26 | .23 | .25 |
| Positive Emotionality | 28 | 9,091 | .01 | .10 | .01 | .10 | -.12 | .14 | -.03 | .05 |
| Sociability | 37 | 441,463 | .07 | .09 | .08 | .11 | -.06 | .23 | .05 | .12 |
| Sensation Seeking | 51 | 13,603 | .04 | .12 | .05 | .13 | -.11 | .22 | .02 | .09 |
| Openness | 112 | 98,667 | .20 | .06 | .26 | .06 | .18 | .34 | .25 | .27 |
| Experiencing | 25 | 368,126 | .19 | .02 | .25 | .00 | .25 | .25 | .24 | .25 |
| Intellect | 16 | 9,211 | .08 | .10 | .10 | .11 | -.05 | .24 | .05 | .15 |
| Need for Cognition | 22 | 5,040 | .21 | .11 | .24 | .11 | .11 | .38 | .20 | .29 |
| Ideas | 36 | 8,463 | .30 | .15 | .40 | .17 | .18 | .61 | .34 | .45 |
| Curiosity | 6 | 72,980 | .20 | .02 | .25 | .00 | .25 | .25 | .23 | .26 |
| Introspection | 22 | 77,843 | .09 | .05 | .13 | .06 | .05 | .21 | .11 | .15 |
| Fantasy | 24 | 2,455 | .09 | .14 | .11 | .12 | -.05 | .27 | .05 | .17 |
| Aesthetics | 22 | 73,942 | .05 | .02 | .07 | .02 | .05 | .09 | .06 | .08 |
| Non Traditional | 45 | 9,305 | .19 | .17 | .25 | .21 | -.02 | .52 | .20 | .31 |
| Variety Seeking | 25 | 8,260 | .03 | .08 | .04 | .08 | -.06 | .14 | .00 | .07 |
| Factor Alpha | 42 | 15,177 | .04 | .11 | .06 | .13 | -.11 | .22 | .02 | .09 |
| Factor Beta | 16 | 6,637 | .17 | .15 | .21 | .18 | -.02 | .44 | .13 | .29 |
| General Factor of Personality | 16 | 12,897 | .03 | .09 | .04 | .10 | -.10 | .17 | -.01 | .08 |
| compound: Interpersonal Sensitivity | 16 | 3,912 | .08 | .09 | .11 | .09 | -.01 | .22 | .05 | .16 |
| compound: Achievement via Independence | 11 | 5,238 | .31 | .19 | .38 | .23 | .09 | .68 | .26 | .50 |
| compound: Innovation | 4 | 72,768 | .10 | .01 | .13 | .00 | .13 | .13 | .12 | .14 |
| compound: Type A | 1 | 81 | -.09 | - | -.12 | - | - | - | -.35 | .12 |
| compound: Managerial Potential | 3 | 1,280 | .08 | .01 | .10 | .00 | .10 | .10 | .08 | .11 |
| compound: Narcissism | 6 | 6,011 | -.04 | .03 | -.05 | .02 | -.07 | -.02 | -.07 | -.02 |
| compound: Self Esteem | 50 | 416,528 | .20 | .05 | .25 | .05 | .19 | .32 | .24 | .27 |
| compound: Locus of Control | 19 | 44,803 | .31 | .09 | .42 | .11 | .27 | .57 | .37 | .47 |
| compound: Optimism | 11 | 1,479 | .06 | .13 | .08 | .12 | -.07 | .23 | .00 | .16 |

| | | | | | | | | | | |
|---|----|--------|------|-----|------|-----|------|------|------|------|
| compound: Routine Seeking | 9 | 5,634 | -.19 | .12 | -.23 | .14 | -.41 | -.05 | -.31 | -.15 |
| compound: Resourcefulness | 3 | 2,356 | .28 | .07 | .35 | .08 | .25 | .45 | .26 | .44 |
| compound: Machiavellianism | 5 | 72,266 | .08 | .01 | .10 | .01 | .09 | .11 | .09 | .11 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | 10 | 75,847 | .09 | .03 | .11 | .03 | .07 | .16 | .10 | .13 |
| compound: Trust | 30 | 4,791 | .04 | .09 | .06 | .06 | -.02 | .14 | .02 | .09 |
| compound: Self Control | 14 | 10,523 | .01 | .07 | .01 | .07 | -.08 | .09 | -.03 | .04 |
| compound: Risk Taking | 1 | 221 | -.03 | - | -.04 | - | - | - | -.18 | .10 |
| compound: Openness to Emotions | 14 | 1,259 | .12 | .06 | .16 | .00 | .16 | .16 | .12 | .19 |
| compound: Warmth | 47 | 85,322 | -.10 | .07 | -.12 | .09 | -.23 | -.01 | -.15 | -.10 |
| compound: Grandiosity and Intimidation | 4 | 72,199 | -.01 | .01 | -.01 | .00 | -.01 | -.01 | -.02 | -.01 |
| compound: Ambition | 18 | 7,057 | .12 | .12 | .14 | .14 | -.03 | .32 | .09 | .20 |
| compound: Ambitious Risk Taking | 1 | 284 | -.17 | - | -.21 | - | - | - | -.32 | -.09 |
| compound: Restrained Expression | 9 | 1,120 | .00 | .12 | .00 | .11 | -.13 | .14 | -.08 | .09 |
| compound: Tolerance | 9 | 3,864 | .28 | .10 | .36 | .11 | .22 | .51 | .29 | .43 |
| compound: Independ. of Conventions and Others | 1 | 508 | .22 | - | .30 | - | - | - | .20 | .39 |
| compound: Creative Personality | 4 | 2,271 | .21 | .14 | .27 | .17 | .06 | .49 | .13 | .42 |
| compound: Judging-Perceiving | 24 | 2,963 | -.04 | .16 | -.06 | .18 | -.29 | .18 | -.13 | .02 |
| compound: Cold Efficiency | 3 | 514 | -.20 | .10 | -.28 | .08 | -.38 | -.17 | -.41 | -.15 |
| compound: Rugged Individualism | 32 | 14,063 | .14 | .17 | .18 | .21 | -.09 | .46 | .12 | .25 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S65. Meta-analytic results describing personality traits’ relations with acquired knowledge--verbal ability---comprehension knowledge----listening ability.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 2 | 601 | -.12 | .09 | -.16 | .10 | -.29 | -.04 | -.31 | -.02 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 1 | 326 | -.17 | - | -.23 | - | - | - | -.35 | -.11 |
| Anxiety | 2 | 406 | -.12 | .11 | -.16 | .12 | -.31 | -.01 | -.33 | .02 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 2 | 1,200 | -.04 | .01 | -.05 | .00 | -.05 | -.05 | -.07 | -.03 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 1 | 326 | .17 | - | .23 | - | - | - | .11 | .34 |
| Industriousness | 1 | 326 | .13 | - | .17 | - | - | - | .05 | .29 |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | 2 | 350 | .14 | .09 | .19 | .05 | .12 | .25 | .05 | .32 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | 1 | 326 | .14 | - | .20 | - | - | - | .07 | .33 |
| Cautiousness | 1 | 326 | .11 | - | .15 | - | - | - | .03 | .28 |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|-------|-----|-----|-----|-----|------|-----|------|-----|
| Extraversion | 3 | 1,224 | .02 | .07 | .03 | .07 | -.06 | .12 | -.06 | .12 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | - | - | - | - | - | - | - | - | - | - |
| Activity | 1 | 326 | .11 | - | .15 | - | - | - | .03 | .28 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | 2 | 1,200 | .19 | .13 | .26 | .17 | .05 | .48 | .05 | .47 |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | 1 | 24 | .26 | - | .38 | - | - | - | -.09 | .84 |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | 1 | 24 | .01 | - | .01 | - | - | - | -.47 | .50 |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 2 | 350 | .17 | .06 | .23 | .00 | .23 | .23 | .14 | .32 |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|------|-----|------|-----|------|------|------|------|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 2 | 898 | -.07 | .05 | -.10 | .00 | -.10 | -.10 | -.17 | -.02 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 1 | 24 | .26 | - | .36 | - | - | - | -.08 | .81 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S66. Meta-analytic results describing personality traits’ relations with acquired knowledge--domain specific knowledge.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 5 | 857 | -.07 | .08 | -.12 | .03 | -.16 | -.07 | -.21 | -.02 |
| Withdrawal | 1 | 542 | .02 | - | .03 | - | - | - | -.09 | .14 |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | 2 | 498 | -.06 | .01 | -.09 | .00 | -.09 | -.09 | -.11 | -.07 |
| Anxiety (Test) | 1 | 320 | -.18 | - | -.27 | - | - | - | -.41 | -.14 |
| Uneven Tempered | 2 | 356,200 | -.19 | .00 | -.31 | .00 | -.31 | -.31 | -.31 | -.30 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 5 | 902 | -.03 | .06 | -.05 | .00 | -.05 | -.05 | -.12 | .03 |
| Compassion | 1 | 356,022 | .16 | - | .27 | - | - | - | .27 | .28 |
| Politeness | 1 | 178 | .08 | - | .13 | - | - | - | -.08 | .34 |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | 1 | 178 | .06 | - | .09 | - | - | - | -.11 | .29 |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 4 | 582 | .01 | .13 | .01 | .15 | -.19 | .20 | -.16 | .17 |
| Industriousness | 1 | 356,022 | .20 | - | .31 | - | - | - | .31 | .32 |
| Orderliness | 1 | 178 | .08 | - | .13 | - | - | - | -.08 | .33 |
| Achievement | 1 | 178 | .12 | - | .20 | - | - | - | .00 | .40 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | 1 | 178 | .17 | - | .29 | - | - | - | .09 | .50 |
| Cautiousness | 1 | 356,022 | -.09 | - | -.14 | - | - | - | -.15 | -.14 |
| Order | 1 | 356,022 | .12 | - | .20 | - | - | - | .20 | .21 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 5 | 902 | -.06 | .11 | -.10 | .13 | -.27 | .06 | -.23 | .03 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|---------|------|-----|------|-----|-----|-----|------|-----|
| Enthusiasm | 1 | 178 | -.03 | - | -.05 | - | - | - | -.25 | .15 |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 3 | 356,520 | .08 | .01 | .13 | .00 | .13 | .13 | .12 | .14 |
| Activity | 1 | 356,022 | .14 | - | .23 | - | - | - | .23 | .24 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 2 | 356,200 | .10 | .00 | .16 | .00 | .16 | .16 | .16 | .16 |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | 5 | 902 | .24 | .15 | .38 | .17 | .16 | .60 | .20 | .57 |
| Experiencing | 1 | 356,022 | .16 | - | .26 | - | - | - | .26 | .27 |
| Intellect | 2 | 1,878 | .09 | .04 | .14 | .00 | .14 | .14 | .08 | .21 |
| Need for Cognition | 2 | 483 | .34 | .00 | .51 | .00 | .51 | .51 | .51 | .52 |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | 1 | 178 | .03 | - | .05 | - | - | - | -.15 | .25 |
| Introspection | 1 | 178 | .08 | - | .14 | - | - | - | -.08 | .36 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | 1 | 178 | -.03 | - | -.04 | - | - | - | -.24 | .16 |
| Non Traditional | 1 | 320 | .20 | - | .34 | - | - | - | .19 | .49 |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | 2 | 862 | .10 | .04 | .16 | .00 | .16 | .16 | .08 | .23 |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | 1 | 178 | .12 | - | .18 | - | - | - | -.01 | .37 |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 1 | 356,022 | .16 | - | .26 | - | - | - | .26 | .27 |
| compound: Locus of Control | 1 | 129 | .12 | - | .21 | - | - | - | -.04 | .45 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|-----|------|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | 1 | 178 | -.06 | - | -.10 | - | - | - | -.30 | .10 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | 1 | 1,700 | .24 | - | .39 | - | - | - | .33 | .45 |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 2 | 498 | -.06 | .21 | -.09 | .32 | -.51 | .32 | -.49 | .31 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S67. Meta-analytic results describing personality traits’ relations with acquired knowledge--domain specific knowledge---foreign language proficiency.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 6 | 2,189 | -.10 | .10 | -.12 | .11 | -.26 | .02 | -.20 | -.04 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 1 | 326 | -.16 | - | -.20 | - | - | - | -.32 | -.09 |
| Anxiety | 1 | 326 | -.16 | - | -.20 | - | - | - | -.30 | -.09 |
| Anxiety (Test) | 3 | 734 | -.29 | .13 | -.34 | .13 | -.51 | -.17 | -.49 | -.20 |
| Uneven Tempered | 1 | 305 | -.02 | - | -.02 | - | - | - | -.14 | .10 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 3 | 1,455 | .04 | .14 | .05 | .16 | -.15 | .25 | -.11 | .21 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | 1 | 326 | -.13 | - | -.17 | - | - | - | -.28 | -.05 |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 2 | 1,150 | .30 | .09 | .37 | .10 | .25 | .50 | .24 | .50 |
| Industriousness | 1 | 326 | .16 | - | .20 | - | - | - | .09 | .31 |
| Orderliness | 1 | 305 | .05 | - | .06 | - | - | - | -.06 | .19 |
| Achievement | 1 | 326 | .14 | - | .18 | - | - | - | .06 | .29 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | 1 | 326 | .17 | - | .23 | - | - | - | .11 | .35 |
| Cautiousness | 1 | 326 | .13 | - | .17 | - | - | - | .05 | .28 |
| Order | 1 | 326 | .14 | - | .18 | - | - | - | .06 | .29 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|-------|------|-----|------|-----|------|-----|------|-----|
| Extraversion | 3 | 1,455 | .03 | .04 | .04 | .00 | .04 | .04 | -.01 | .09 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 1 | 305 | -.05 | - | -.06 | - | - | - | -.18 | .06 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 1 | 318 | -.01 | - | -.01 | - | - | - | -.13 | .10 |
| Sensation Seeking | 1 | 305 | .06 | - | .08 | - | - | - | -.04 | .20 |
| Openness | 3 | 1,455 | .22 | .24 | .27 | .30 | -.11 | .66 | -.02 | .56 |
| Experiencing | 1 | 305 | .20 | - | .26 | - | - | - | .14 | .38 |
| Intellect | 1 | 484 | -.01 | - | -.01 | - | - | - | -.11 | .08 |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 1 | 297 | .49 | - | .62 | - | - | - | .53 | .71 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | 1 | 388 | .08 | - | .10 | - | - | - | .00 | .20 |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 3 | 1,128 | .08 | .06 | .10 | .05 | .04 | .16 | .03 | .18 |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|------|---|------|---|---|---|------|------|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 1 | 305 | .09 | - | .11 | - | - | - | -.01 | .23 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 1 | 297 | .32 | - | .40 | - | - | - | .29 | .50 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | 1 | 297 | -.20 | - | -.26 | - | - | - | -.38 | -.14 |
| compound: Judging-Perceiving | 1 | 305 | -.01 | - | -.02 | - | - | - | -.15 | .11 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S68. Meta-analytic results describing personality traits’ relations with acquired knowledge--domain specific knowledge---arts and humanities.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 3 | 1,570 | -.03 | .11 | -.04 | .16 | -.25 | .16 | -.21 | .12 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 2 | 362,165 | -.21 | .00 | -.32 | .00 | -.32 | -.32 | -.33 | -.32 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 2 | 350 | -.10 | .04 | -.15 | .00 | -.15 | -.15 | -.22 | -.09 |
| Compassion | 1 | 361,935 | .24 | - | .38 | - | - | - | .37 | .38 |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 1 | 1,220 | -.02 | - | -.03 | - | - | - | -.11 | .04 |
| Conscientiousness | 1 | 120 | .23 | - | .35 | - | - | - | .14 | .57 |
| Industriousness | 1 | 361,935 | .22 | - | .34 | - | - | - | .33 | .34 |
| Orderliness | 2 | 1,450 | .06 | .10 | .09 | .15 | -.10 | .29 | -.10 | .28 |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | 1 | 361,935 | -.11 | - | -.18 | - | - | - | -.18 | -.17 |
| Order | 1 | 361,935 | .17 | - | .26 | - | - | - | .25 | .26 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|--|---|---------|-----|-----|-----|-----|------|-----|------|-----|
| Extraversion | 3 | 1,570 | .08 | .09 | .12 | .12 | -.03 | .28 | -.01 | .26 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 3 | 363,385 | .10 | .01 | .16 | .00 | .16 | .16 | .14 | .17 |
| Activity | 1 | 361,935 | .15 | - | .23 | - | - | - | .23 | .24 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 1 | 361,935 | .14 | - | .21 | - | - | - | .20 | .21 |
| Sensation Seeking | 2 | 1,450 | .19 | .09 | .30 | .12 | .15 | .45 | .13 | .47 |
| Openness | 2 | 1,340 | .10 | .00 | .15 | .00 | .15 | .15 | .15 | .15 |
| Experiencing | 3 | 363,385 | .23 | .02 | .38 | .00 | .38 | .38 | .35 | .41 |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 1 | 361,935 | .18 | - | .28 | - | - | - | .27 | .28 |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|-----|-----|-----|-----|------|-----|------|-----|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 1 | 1,220 | .00 | - | .00 | - | - | - | -.07 | .07 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 2 | 1,450 | .02 | .06 | .04 | .07 | -.05 | .12 | -.07 | .14 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S69. Meta-analytic results describing personality traits’ relations with acquired knowledge--domain specific knowledge---behavioral and psychological----behavioral content knowledge.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 9 | 2,305 | -.05 | .09 | -.10 | .12 | -.25 | .05 | -.20 | .00 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 1 | 247 | .06 | - | .13 | - | - | - | -.10 | .36 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | 1 | 247 | .12 | - | .29 | - | - | - | .05 | .52 |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | 1 | 247 | .01 | - | .02 | - | - | - | -.21 | .25 |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 5 | 1,531 | .09 | .04 | .20 | .00 | .20 | .20 | .14 | .26 |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | 1 | 247 | .01 | - | .03 | - | - | - | -.21 | .27 |
| Achievement | 1 | 247 | -.02 | - | -.04 | - | - | - | -.28 | .19 |
| Persistence | 1 | 201 | .05 | - | .11 | - | - | - | -.15 | .37 |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|-------|------|-----|------|-----|------|-----|------|-----|
| Extraversion | 8 | 2,030 | -.03 | .08 | -.05 | .09 | -.17 | .06 | -.15 | .04 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | - | - | - | - | - | - | - | - | - | - |
| Activity | 1 | 201 | -.04 | - | -.09 | - | - | - | -.35 | .18 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | 6 | 1,778 | .17 | .09 | .38 | .00 | .38 | .38 | .26 | .51 |
| Experiencing | 1 | 201 | .02 | - | .05 | - | - | - | -.22 | .31 |
| Intellect | 1 | 247 | -.04 | - | -.09 | - | - | - | -.32 | .14 |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 1 | 145 | .10 | - | .22 | - | - | - | -.08 | .52 |
| Factor Beta | 5 | 1,531 | -.04 | .09 | -.08 | .16 | -.29 | .12 | -.24 | .07 |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | 1 | 247 | .10 | - | .24 | - | - | - | .00 | .48 |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 1 | 247 | .06 | - | .14 | - | - | - | -.09 | .37 |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S70. Meta-analytic results describing personality traits’ relations with acquired knowledge--domain specific knowledge---business knowledge.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | - | - | - | - | - | - | - | - | - | - |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 1 | 357,837 | -.20 | - | -.31 | - | - | - | -.31 | -.31 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | - | - | - | - | - | - | - | - | - | - |
| Compassion | 1 | 357,837 | .18 | - | .29 | - | - | - | .28 | .29 |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | - | - | - | - | - | - | - | - | - | - |
| Industriousness | 1 | 357,837 | .21 | - | .33 | - | - | - | .33 | .34 |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | 1 | 357,837 | -.10 | - | -.16 | - | - | - | -.16 | -.15 |
| Order | 1 | 357,837 | .12 | - | .20 | - | - | - | .19 | .20 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|--|---|---------|-----|---|-----|---|---|---|-----|-----|
| Extraversion | - | - | - | - | - | - | - | - | - | - |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 1 | 357,837 | .08 | - | .12 | - | - | - | .12 | .13 |
| Activity | 1 | 357,837 | .12 | - | .20 | - | - | - | .19 | .20 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 1 | 357,837 | .10 | - | .16 | - | - | - | .16 | .16 |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | - | - | - | - | - | - | - | - | - | - |
| Experiencing | 1 | 357,837 | .16 | - | .26 | - | - | - | .25 | .26 |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 1 | 357,837 | .16 | - | .25 | - | - | - | .25 | .26 |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S71. Meta-analytic results describing personality traits’ relations with acquired knowledge--domain specific knowledge---occupational.

| Personality Construct | Total K | Total N | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|---------|---------|---------------|-----------------------|--------------|------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 4 | 11,380 | -.02 | .05 | -.03 | .06 | -.10 | .04 | -.08 | .02 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 3 | 7,180 | .00 | .01 | .01 | .00 | .01 | .01 | -.01 | .02 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 4 | 4,884 | .03 | .04 | .04 | .04 | -.02 | .09 | -.01 | .09 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | 3 | 182 | -.22 | .11 | -.33 | .00 | -.33 | -.33 | -.49 | -.18 |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | 1 | 3,340 | .00 | - | .01 | - | - | - | -.03 | .05 |
| Lack of Aggression | 3 | 184 | .09 | .10 | .12 | .00 | .12 | .12 | .00 | .24 |
| Modesty | 3 | 179 | -.01 | .10 | -.01 | .00 | -.01 | -.01 | -.13 | .12 |
| Non Manipulative | 3 | 8,625 | .01 | .01 | .01 | .00 | .01 | .01 | .00 | .03 |
| Conscientiousness | 5 | 9,250 | .08 | .05 | .11 | .06 | .03 | .19 | .06 | .16 |
| Industriousness | 3 | 178 | -.01 | .08 | -.02 | .00 | -.02 | -.02 | -.11 | .08 |
| Orderliness | 3 | 8,621 | .00 | .01 | -.01 | .00 | -.01 | -.01 | -.01 | .00 |
| Achievement | 4 | 261 | .09 | .06 | .13 | .00 | .13 | .13 | .06 | .19 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|--------|------|-----|------|-----|------|------|------|------|
| Extraversion | 4 | 11,382 | -.04 | .01 | -.06 | .00 | -.06 | -.06 | -.06 | -.05 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | 3 | 180 | .01 | .11 | .01 | .00 | .01 | .01 | -.12 | .15 |
| Dominance | 3 | 8,619 | .01 | .01 | .02 | .00 | .02 | .02 | .00 | .04 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | 3 | 8,624 | -.04 | .01 | -.05 | .00 | -.05 | -.05 | -.07 | -.04 |
| Openness | 4 | 11,377 | .06 | .07 | .08 | .09 | -.04 | .20 | .00 | .16 |
| Experiencing | 3 | 8,624 | -.06 | .01 | -.09 | .00 | -.09 | -.09 | -.10 | -.08 |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 3 | 4,832 | .05 | .02 | .07 | .00 | .07 | .07 | .05 | .09 |
| Factor Beta | 4 | 262 | -.09 | .07 | -.12 | .00 | -.12 | -.12 | -.20 | -.03 |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | 3 | 4,841 | .01 | .03 | .02 | .01 | .01 | .02 | -.02 | .05 |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | 1 | 248 | .09 | - | .13 | - | - | - | -.02 | .28 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|------|------|------|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | 1 | 3,340 | .02 | - | .03 | - | - | - | -.01 | .06 |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 3 | 8,625 | .04 | .02 | .05 | .00 | .05 | .06 | .03 | .08 |
| compound: Self Control | 1 | 4,362 | .09 | - | .12 | - | - | - | .09 | .15 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 3 | 8,624 | -.05 | .01 | -.06 | .00 | -.06 | -.06 | -.07 | -.05 |
| compound: Grandiosity and Intimidation | 3 | 182 | .13 | .03 | .19 | .00 | .19 | .19 | .15 | .24 |
| compound: Ambition | 3 | 4,233 | -.02 | .03 | -.02 | .02 | -.06 | .01 | -.06 | .02 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S72. Meta-analytic results describing personality traits’ relations with acquired knowledge--domain specific knowledge---occupational----military & police.

| Personality Construct | Total K | Total N | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|---------|---------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 4 | 681 | -.09 | .11 | -.12 | .10 | -.25 | .01 | -.23 | .00 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 1 | 62 | -.08 | - | -.11 | - | - | - | -.39 | .17 |
| Anxiety | 2 | 240 | -.05 | .10 | -.07 | .06 | -.15 | .00 | -.23 | .08 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 2 | 240 | -.11 | .08 | -.14 | .00 | -.14 | -.14 | -.26 | -.02 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 3 | 406 | -.05 | .20 | -.06 | .23 | -.36 | .23 | -.31 | .18 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | 1 | 178 | .14 | - | .19 | - | - | - | .02 | .36 |
| Tender Mindedness | 1 | 62 | -.08 | - | -.12 | - | - | - | -.43 | .19 |
| Nurturance | 2 | 240 | .07 | .16 | .09 | .17 | -.13 | .32 | -.16 | .34 |
| Cooperation | 1 | 62 | .18 | - | .25 | - | - | - | -.04 | .53 |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | 1 | 62 | .06 | - | .08 | - | - | - | -.21 | .36 |
| Non Manipulative | 1 | 62 | .05 | - | .06 | - | - | - | -.23 | .36 |
| Conscientiousness | 3 | 406 | .06 | .15 | .08 | .16 | -.13 | .29 | -.11 | .27 |
| Industriousness | 1 | 62 | .03 | - | .03 | - | - | - | -.24 | .31 |
| Orderliness | 1 | 178 | .15 | - | .21 | - | - | - | .05 | .38 |
| Achievement | 2 | 240 | .14 | .02 | .19 | .00 | .19 | .19 | .15 | .23 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | 2 | 240 | .14 | .15 | .20 | .17 | -.01 | .41 | -.05 | .44 |
| Cautiousness | 1 | 62 | .12 | - | .17 | - | - | - | -.11 | .45 |
| Order | 1 | 62 | .06 | - | .09 | - | - | - | -.20 | .37 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|-----|------|-----|------|-----|------|------|------|-----|
| Extraversion | 3 | 406 | -.01 | .15 | -.01 | .16 | -.21 | .19 | -.20 | .17 |
| Enthusiasm | 1 | 178 | .02 | - | .02 | - | - | - | -.14 | .19 |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 2 | 240 | .06 | .19 | .08 | .23 | -.22 | .38 | -.23 | .38 |
| Activity | 1 | 62 | .25 | - | .35 | - | - | - | .07 | .62 |
| Positive Emotionality | 1 | 62 | .09 | - | .13 | - | - | - | -.15 | .41 |
| Sociability | 2 | 240 | .02 | .18 | .03 | .20 | -.23 | .29 | -.24 | .31 |
| Sensation Seeking | 1 | 62 | -.11 | - | -.15 | - | - | - | -.44 | .13 |
| Openness | 3 | 406 | .09 | .05 | .12 | .00 | .12 | .12 | .05 | .18 |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | 1 | 178 | .14 | - | .18 | - | - | - | .02 | .35 |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 1 | 62 | .08 | - | .11 | - | - | - | -.18 | .40 |
| Curiosity | 1 | 178 | .08 | - | .10 | - | - | - | -.06 | .27 |
| Introspection | 1 | 178 | .05 | - | .07 | - | - | - | -.11 | .25 |
| Fantasy | 1 | 62 | .09 | - | .12 | - | - | - | -.17 | .40 |
| Aesthetics | 2 | 240 | -.02 | .04 | -.02 | .00 | -.02 | -.02 | -.08 | .04 |
| Non Traditional | 1 | 62 | .26 | - | .37 | - | - | - | .08 | .65 |
| Variety Seeking | 1 | 62 | -.07 | - | -.11 | - | - | - | -.41 | .20 |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | 1 | 178 | .12 | - | .15 | - | - | - | .00 | .31 |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 1 | 62 | .15 | - | .20 | - | - | - | -.08 | .47 |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|------|-----|------|-----|-----|-----|------|------|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | 1 | 178 | -.15 | - | -.21 | - | - | - | -.37 | -.04 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 1 | 62 | .35 | - | .47 | - | - | - | .22 | .73 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 1 | 62 | .06 | - | .09 | - | - | - | -.20 | .38 |
| compound: Warmth | 2 | 240 | .11 | .00 | .16 | .00 | .16 | .16 | .15 | .16 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S73. Meta-analytic results describing personality traits’ relations with acquired knowledge--domain specific knowledge---realistic knowledge.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 1 | 178 | -.14 | - | -.20 | - | - | - | -.37 | -.02 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | 1 | 178 | -.09 | - | -.12 | - | - | - | -.30 | .05 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 2 | 362,922 | -.13 | .00 | -.19 | .00 | -.19 | -.19 | -.20 | -.19 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 1 | 178 | .01 | - | .01 | - | - | - | -.17 | .19 |
| Compassion | 1 | 362,744 | .02 | - | .04 | - | - | - | .03 | .04 |
| Politeness | 1 | 178 | .03 | - | .05 | - | - | - | -.15 | .24 |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | 1 | 178 | .05 | - | .08 | - | - | - | -.10 | .26 |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 1 | 178 | .05 | - | .08 | - | - | - | -.10 | .26 |
| Industriousness | 1 | 362,744 | .12 | - | .17 | - | - | - | .17 | .17 |
| Orderliness | 1 | 178 | -.01 | - | -.01 | - | - | - | -.20 | .18 |
| Achievement | 1 | 178 | .09 | - | .13 | - | - | - | -.05 | .31 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | 1 | 178 | .06 | - | .10 | - | - | - | -.10 | .29 |
| Cautiousness | 1 | 362,744 | -.07 | - | -.10 | - | - | - | -.10 | -.09 |
| Order | 1 | 362,744 | .02 | - | .02 | - | - | - | .02 | .03 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|---------|------|-----|------|-----|-----|-----|------|-----|
| Extraversion | 1 | 178 | .09 | - | .14 | - | - | - | -.04 | .31 |
| Enthusiasm | 1 | 178 | -.01 | - | -.01 | - | - | - | -.20 | .18 |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 2 | 362,922 | .03 | .00 | .05 | .00 | .05 | .05 | .05 | .05 |
| Activity | 1 | 362,744 | .16 | - | .24 | - | - | - | .24 | .25 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 2 | 362,922 | .05 | .00 | .07 | .00 | .07 | .07 | .07 | .07 |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | 1 | 178 | .11 | - | .17 | - | - | - | -.01 | .35 |
| Experiencing | 1 | 362,744 | .01 | - | .02 | - | - | - | .02 | .03 |
| Intellect | 1 | 178 | .15 | - | .23 | - | - | - | .05 | .41 |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | 1 | 178 | .08 | - | .12 | - | - | - | -.06 | .31 |
| Introspection | 1 | 178 | .07 | - | .12 | - | - | - | -.08 | .32 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | 1 | 178 | -.03 | - | -.04 | - | - | - | -.22 | .14 |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | 1 | 178 | .07 | - | .11 | - | - | - | -.07 | .28 |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 1 | 362,744 | .12 | - | .18 | - | - | - | .18 | .19 |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|------|---|------|---|---|---|------|-----|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | 1 | 178 | -.07 | - | -.10 | - | - | - | -.29 | .08 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 1 | 178 | .13 | - | .20 | - | - | - | .02 | .39 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S74. Meta-analytic results describing personality traits’ relations with acquired knowledge--domain specific knowledge---sciences---general science knowledge.

| Personality Construct | Total K | Total N | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|---------|---------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 9 | 74,401 | .00 | .04 | .01 | .05 | -.06 | .07 | -.02 | .04 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | 4 | 72,408 | -.01 | .02 | -.01 | .03 | -.05 | .02 | -.03 | .01 |
| Anxiety (Test) | 1 | 320 | -.25 | - | -.37 | - | - | - | -.50 | -.24 |
| Uneven Tempered | 6 | 72,827 | .06 | .02 | .10 | .02 | .08 | .12 | .08 | .12 |
| Suspiciousness | 1 | 630 | -.23 | - | -.39 | - | - | - | -.49 | -.29 |
| Agreeableness | 10 | 74,785 | -.13 | .04 | -.19 | .05 | -.26 | -.13 | -.23 | -.16 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | 2 | 71,946 | -.14 | .00 | -.22 | .00 | -.22 | -.22 | -.22 | -.22 |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | 2 | 71,946 | -.13 | .00 | -.21 | .00 | -.21 | -.21 | -.21 | -.21 |
| Cooperation | 2 | 71,946 | -.04 | .01 | -.06 | .01 | -.07 | -.05 | -.08 | -.04 |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 1 | 340 | .05 | - | .09 | - | - | - | -.06 | .24 |
| Conscientiousness | 4 | 72,890 | -.14 | .01 | -.22 | .00 | -.22 | -.22 | -.24 | -.20 |
| Industriousness | 2 | 71,946 | -.11 | .01 | -.17 | .00 | -.17 | -.17 | -.19 | -.14 |
| Orderliness | 6 | 72,827 | -.17 | .03 | -.28 | .01 | -.29 | -.27 | -.31 | -.24 |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | 1 | 150 | .48 | - | .76 | - | - | - | .60 | .93 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|--------|------|-----|------|-----|------|------|------|------|
| Extraversion | 8 | 73,936 | -.13 | .02 | -.19 | .00 | -.19 | -.19 | -.21 | -.17 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 8 | 73,777 | -.06 | .02 | -.10 | .02 | -.12 | -.07 | -.12 | -.08 |
| Activity | 1 | 630 | .10 | - | .16 | - | - | - | .05 | .26 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 5 | 72,873 | -.14 | .02 | -.22 | .01 | -.24 | -.21 | -.25 | -.20 |
| Sensation Seeking | 4 | 881 | -.03 | .10 | -.05 | .11 | -.19 | .08 | -.18 | .07 |
| Openness | 5 | 73,395 | .16 | .02 | .24 | .00 | .24 | .24 | .22 | .27 |
| Experiencing | 5 | 1,023 | -.06 | .09 | -.10 | .08 | -.21 | .01 | -.21 | .00 |
| Intellect | 1 | 155 | .39 | - | .60 | - | - | - | .43 | .78 |
| Need for Cognition | 3 | 616 | .30 | .02 | .44 | .00 | .44 | .44 | .41 | .47 |
| Ideas | 1 | 142 | .13 | - | .21 | - | - | - | -.01 | .43 |
| Curiosity | 2 | 71,946 | .27 | .02 | .42 | .00 | .42 | .42 | .38 | .46 |
| Introspection | 4 | 72,718 | .06 | .01 | .11 | .01 | .10 | .11 | .09 | .12 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | 3 | 72,088 | -.07 | .02 | -.12 | .01 | -.13 | -.10 | -.14 | -.09 |
| Non Traditional | 2 | 462 | .14 | .02 | .24 | .00 | .24 | .24 | .20 | .27 |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | 1 | 320 | .10 | - | .16 | - | - | - | .02 | .31 |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | 2 | 71,946 | .06 | .01 | .10 | .00 | .10 | .10 | .09 | .11 |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 5 | 31,433 | .11 | .04 | .18 | .05 | .12 | .24 | .14 | .22 |
| compound: Locus of Control | 5 | 29,892 | .30 | .04 | .50 | .00 | .50 | .50 | .45 | .56 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|--------|------|-----|------|-----|------|------|------|------|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | 2 | 71,946 | .19 | .01 | .30 | .00 | .30 | .30 | .27 | .32 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | 2 | 71,946 | .01 | .02 | .01 | .04 | -.03 | .06 | -.03 | .06 |
| compound: Trust | 2 | 970 | .09 | .12 | .14 | .18 | -.09 | .38 | -.08 | .37 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 7 | 73,147 | -.14 | .02 | -.22 | .00 | -.22 | -.22 | -.24 | -.19 |
| compound: Grandiosity and Intimidation | 2 | 71,946 | .06 | .01 | .10 | .00 | .10 | .10 | .08 | .13 |
| compound: Ambition | 1 | 155 | .10 | - | .16 | - | - | - | -.05 | .36 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 2 | 1,034 | .19 | .00 | .30 | .00 | .30 | .30 | .30 | .30 |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 2 | 772 | .18 | .09 | .29 | .10 | .16 | .42 | .13 | .45 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S75. Meta-analytic results describing personality traits’ relations with acquired knowledge--domain specific knowledge---sciences---life sciences knowledge.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 14 | 10,714 | -.04 | .04 | -.05 | .03 | -.09 | -.01 | -.08 | -.02 |
| Withdrawal | 11 | 8,839 | -.04 | .03 | -.06 | .00 | -.06 | -.06 | -.08 | -.04 |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 9 | 6,475 | -.07 | .04 | -.10 | .00 | -.10 | -.10 | -.14 | -.07 |
| Anxiety | 1 | 62 | .21 | - | .29 | - | - | - | .01 | .57 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 3 | 364,203 | -.21 | .01 | -.29 | .00 | -.29 | -.29 | -.30 | -.28 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 5 | 4,281 | .15 | .03 | .21 | .00 | .21 | .21 | .18 | .24 |
| Compassion | 1 | 363,950 | .17 | - | .25 | - | - | - | .25 | .26 |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | 1 | 62 | -.06 | - | -.10 | - | - | - | -.43 | .23 |
| Nurturance | 1 | 62 | -.22 | - | -.32 | - | - | - | -.60 | -.03 |
| Cooperation | 1 | 62 | .09 | - | .13 | - | - | - | -.17 | .44 |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | 1 | 62 | -.02 | - | -.03 | - | - | - | -.33 | .27 |
| Non Manipulative | 2 | 253 | -.09 | .02 | -.14 | .00 | -.14 | -.14 | -.18 | -.09 |
| Conscientiousness | 3 | 457 | .01 | .13 | .01 | .14 | -.17 | .18 | -.16 | .18 |
| Industriousness | 2 | 364,012 | .21 | .01 | .29 | .00 | .29 | .29 | .28 | .31 |
| Orderliness | 1 | 191 | .02 | - | .03 | - | - | - | -.14 | .21 |
| Achievement | 1 | 62 | -.17 | - | -.25 | - | - | - | -.54 | .05 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | 1 | 62 | -.17 | - | -.26 | - | - | - | -.57 | .05 |
| Cautiousness | 2 | 364,012 | -.07 | .00 | -.10 | .00 | -.10 | -.10 | -.10 | -.10 |
| Order | 2 | 364,012 | .12 | .00 | .18 | .00 | .18 | .18 | .17 | .18 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|---------|------|-----|------|-----|------|------|------|------|
| Extraversion | 12 | 6,664 | -.05 | .06 | -.06 | .06 | -.14 | .01 | -.10 | -.02 |
| Enthusiasm | 1 | 2,067 | .12 | - | .17 | - | - | - | .12 | .22 |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 3 | 364,203 | .07 | .01 | .09 | .00 | .09 | .09 | .08 | .10 |
| Activity | 2 | 364,012 | .16 | .00 | .24 | .00 | .24 | .24 | .23 | .24 |
| Positive Emotionality | 1 | 62 | -.11 | - | -.16 | - | - | - | -.45 | .14 |
| Sociability | 2 | 364,012 | .09 | .01 | .12 | .00 | .12 | .12 | .11 | .13 |
| Sensation Seeking | 2 | 253 | -.20 | .01 | -.28 | .00 | -.28 | -.28 | -.30 | -.26 |
| Openness | 5 | 755 | .04 | .10 | .06 | .08 | -.05 | .16 | -.05 | .16 |
| Experiencing | 2 | 364,141 | .15 | .01 | .23 | .00 | .23 | .23 | .21 | .24 |
| Intellect | 2 | 3,821 | .07 | .01 | .09 | .00 | .09 | .09 | .08 | .11 |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 1 | 62 | -.03 | - | -.04 | - | - | - | -.35 | .26 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | 1 | 62 | .20 | - | .29 | - | - | - | .00 | .58 |
| Aesthetics | 1 | 62 | .03 | - | .04 | - | - | - | -.26 | .34 |
| Non Traditional | 1 | 62 | .07 | - | .11 | - | - | - | -.21 | .42 |
| Variety Seeking | 1 | 62 | .01 | - | .02 | - | - | - | -.31 | .34 |
| Factor Alpha | 5 | 3,888 | .00 | .04 | -.01 | .01 | -.02 | .01 | -.04 | .03 |
| Factor Beta | 2 | 3,353 | .00 | .03 | .00 | .01 | -.01 | .02 | -.04 | .05 |
| General Factor of Personality | 2 | 3,828 | .00 | .02 | -.01 | .00 | -.01 | -.01 | -.04 | .03 |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | 8 | 6,356 | .03 | .05 | .04 | .05 | -.03 | .10 | .00 | .08 |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 13 | 370,929 | .16 | .02 | .23 | .00 | .23 | .23 | .22 | .25 |
| compound: Locus of Control | 9 | 9,335 | -.06 | .11 | -.10 | .17 | -.31 | .12 | -.19 | .00 |
| compound: Optimism | 1 | 1,955 | .15 | - | .22 | - | - | - | .16 | .27 |

| | | | | | | | | | | |
|---|---|-----|------|-----|------|-----|------|-----|------|-----|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 2 | 253 | .00 | .12 | .00 | .12 | -.16 | .15 | -.21 | .20 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 1 | 62 | .02 | - | .03 | - | - | - | -.28 | .34 |
| compound: Warmth | 5 | 760 | -.08 | .17 | -.11 | .22 | -.39 | .18 | -.29 | .08 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S76. Meta-analytic results describing personality traits’ relations with acquired knowledge--domain specific knowledge---sciences---mechanical knowledge.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 20 | 2,281 | -.10 | .09 | -.13 | .00 | -.13 | -.13 | -.17 | -.09 |
| Withdrawal | 1 | 47 | .16 | - | .20 | - | - | - | -.09 | .50 |
| Volatility | 1 | 1,730 | .05 | - | .07 | - | - | - | .02 | .12 |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 2 | 383 | .01 | .17 | .01 | .20 | -.25 | .27 | -.25 | .27 |
| Anxiety | 8 | 1,776 | -.06 | .10 | -.08 | .10 | -.21 | .05 | -.16 | .00 |
| Anxiety (Test) | 6 | 1,385 | -.12 | .08 | -.15 | .05 | -.21 | -.09 | -.21 | -.08 |
| Uneven Tempered | 6 | 364,690 | -.14 | .01 | -.18 | .00 | -.18 | -.18 | -.19 | -.17 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 6 | 1,070 | .00 | .07 | .00 | .00 | .00 | .00 | -.06 | .06 |
| Compassion | 1 | 362,822 | .03 | - | .04 | - | - | - | .04 | .05 |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | 1 | 1,730 | .01 | - | .02 | - | - | - | -.03 | .07 |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 1 | 340 | -.02 | - | -.02 | - | - | - | -.14 | .10 |
| Conscientiousness | 3 | 421 | -.15 | .08 | -.19 | .00 | -.19 | -.19 | -.28 | -.09 |
| Industriousness | 1 | 362,822 | .13 | - | .16 | - | - | - | .16 | .16 |
| Orderliness | 2 | 867 | .00 | .01 | -.01 | .00 | -.01 | -.01 | -.02 | .01 |
| Achievement | 5 | 1,109 | -.08 | .06 | -.11 | .00 | -.11 | -.11 | -.16 | -.05 |
| Persistence | 1 | 47 | .00 | - | .00 | - | - | - | -.32 | .32 |
| Dependability | 13 | 2,428 | .05 | .08 | .06 | .05 | -.01 | .13 | .01 | .12 |
| Cautiousness | 1 | 362,822 | -.05 | - | -.07 | - | - | - | -.07 | -.06 |
| Order | 2 | 364,552 | .02 | .00 | .03 | .00 | .03 | .03 | .03 | .03 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|---------|------|-----|------|-----|------|------|------|-----|
| Extraversion | 5 | 1,036 | -.05 | .07 | -.07 | .00 | -.07 | -.07 | -.13 | .00 |
| Enthusiasm | 1 | 263 | .03 | - | .04 | - | - | - | -.09 | .17 |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 16 | 364,650 | .01 | .01 | .02 | .01 | .01 | .03 | .01 | .02 |
| Activity | 2 | 362,869 | .13 | .00 | .17 | .00 | .17 | .17 | .16 | .18 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 17 | 363,988 | .02 | .01 | .03 | .01 | .02 | .04 | .02 | .04 |
| Sensation Seeking | 2 | 867 | -.02 | .08 | -.02 | .08 | -.13 | .09 | -.14 | .10 |
| Openness | 3 | 462 | .18 | .13 | .23 | .14 | .05 | .40 | .07 | .39 |
| Experiencing | 3 | 363,689 | .00 | .00 | .01 | .01 | .00 | .01 | .00 | .01 |
| Intellect | 3 | 421 | .23 | .07 | .30 | .00 | .30 | .30 | .20 | .39 |
| Need for Cognition | 1 | 213 | .23 | - | .27 | - | - | - | .14 | .40 |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 1 | 263 | .09 | - | .13 | - | - | - | -.01 | .27 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | 1 | 1,730 | -.03 | - | -.04 | - | - | - | -.09 | .02 |
| Factor Alpha | 2 | 409 | .07 | .09 | .09 | .07 | -.01 | .18 | -.05 | .22 |
| Factor Beta | 2 | 1,777 | .20 | .03 | .25 | .00 | .25 | .25 | .21 | .30 |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 2 | 363,085 | .13 | .01 | .17 | .00 | .17 | .17 | .16 | .18 |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|------|-----|------|-----|------|-----|------|-----|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | 1 | 177 | -.04 | - | -.05 | - | - | - | -.21 | .11 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 1 | 340 | -.01 | - | -.02 | - | - | - | -.14 | .10 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 2 | 867 | -.03 | .09 | -.04 | .10 | -.17 | .09 | -.18 | .10 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 3 | 421 | .14 | .09 | .18 | .06 | .11 | .25 | .06 | .29 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 1 | 263 | -.06 | - | -.08 | - | - | - | -.21 | .05 |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 2 | 122 | -.10 | .21 | -.14 | .23 | -.43 | .16 | -.48 | .20 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 3 | 557 | .18 | .32 | .24 | .41 | -.29 | .77 | -.16 | .65 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S77. Meta-analytic results describing personality traits’ relations with acquired knowledge--domain specific knowledge---sciences---natural sciences knowledge.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 2 | 1,973 | -.01 | .12 | -.01 | .15 | -.20 | .18 | -.19 | .17 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | 1 | 745 | -.12 | - | -.16 | - | - | - | -.24 | -.08 |
| Anxiety (Test) | 1 | 745 | -.20 | - | -.26 | - | - | - | -.33 | -.18 |
| Uneven Tempered | 1 | 359 | -.05 | - | -.06 | - | - | - | -.18 | .05 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 3 | 2,135 | -.02 | .11 | -.03 | .14 | -.21 | .15 | -.17 | .11 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 1 | 359 | .05 | - | .07 | - | - | - | -.05 | .19 |
| Conscientiousness | 1 | 1,614 | -.08 | - | -.11 | - | - | - | -.16 | -.05 |
| Industriousness | 1 | 1,614 | .14 | - | .19 | - | - | - | .13 | .24 |
| Orderliness | 1 | 359 | .07 | - | .10 | - | - | - | -.03 | .22 |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | 1 | 1,614 | .19 | - | .27 | - | - | - | .21 | .33 |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|-------|------|-----|------|-----|------|-----|------|------|
| Extraversion | 3 | 2,135 | -.02 | .07 | -.02 | .08 | -.13 | .08 | -.11 | .07 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 1 | 359 | .10 | - | .14 | - | - | - | .02 | .26 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 1 | 1,614 | .05 | - | .07 | - | - | - | .01 | .12 |
| Sensation Seeking | 3 | 480 | .04 | .18 | .05 | .23 | -.24 | .34 | -.18 | .29 |
| Openness | 2 | 521 | .23 | .15 | .31 | .19 | .07 | .55 | .07 | .56 |
| Experiencing | 1 | 359 | -.10 | - | -.14 | - | - | - | -.26 | -.01 |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 1 | 1,614 | .30 | - | .41 | - | - | - | .36 | .47 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 1 | 1,614 | .30 | - | .45 | - | - | - | .40 | .51 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 1 | 1,614 | .00 | - | .01 | - | - | - | -.05 | .06 |
| Factor Beta | 1 | 1,614 | .24 | - | .32 | - | - | - | .27 | .38 |
| General Factor of Personality | 4 | 736 | .02 | .10 | .02 | .10 | -.10 | .15 | -.09 | .14 |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | 1 | 1,614 | .37 | - | .50 | - | - | - | .46 | .55 |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 1 | 1,614 | .10 | - | .14 | - | - | - | .08 | .19 |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|-----|------|------|
| compound: Routine Seeking | 1 | 1,612 | -.23 | - | -.31 | - | - | - | -.36 | -.25 |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 1 | 359 | .04 | - | .05 | - | - | - | -.07 | .17 |
| compound: Self Control | 1 | 1,614 | .04 | - | .06 | - | - | - | .00 | .11 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 1 | 359 | -.14 | - | -.19 | - | - | - | -.31 | -.07 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 5 | 2,350 | .12 | .08 | .16 | .09 | .05 | .27 | .08 | .24 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | 1 | 1,614 | .29 | - | .40 | - | - | - | .34 | .45 |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 2 | 521 | -.05 | .14 | -.08 | .18 | -.31 | .16 | -.32 | .16 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 1 | 1,614 | .17 | - | .24 | - | - | - | .19 | .30 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S78. Meta-analytic results describing personality traits’ relations with acquired knowledge--domain specific knowledge---sciences---physical sciences knowledge.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 10 | 81,569 | -.10 | .02 | -.13 | .01 | -.14 | -.12 | -.14 | -.12 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 1 | 120 | .06 | - | .08 | - | - | - | -.12 | .28 |
| Anxiety | 4 | 72,434 | -.08 | .00 | -.10 | .00 | -.10 | -.10 | -.11 | -.10 |
| Anxiety (Test) | 1 | 310 | -.09 | - | -.11 | - | - | - | -.23 | .00 |
| Uneven Tempered | 5 | 439,194 | -.12 | .05 | -.16 | .06 | -.24 | -.08 | -.21 | -.11 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 9 | 77,611 | -.07 | .03 | -.08 | .04 | -.14 | -.03 | -.11 | -.06 |
| Compassion | 1 | 366,932 | .03 | - | .04 | - | - | - | .03 | .04 |
| Politeness | 3 | 72,124 | -.09 | .01 | -.13 | .00 | -.13 | -.13 | -.14 | -.12 |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | 3 | 72,124 | -.09 | .01 | -.12 | .01 | -.12 | -.11 | -.13 | -.10 |
| Cooperation | 2 | 71,946 | .02 | .00 | .03 | .00 | .03 | .03 | .02 | .03 |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 8 | 81,311 | -.03 | .02 | -.04 | .01 | -.06 | -.02 | -.05 | -.03 |
| Industriousness | 3 | 438,878 | .12 | .07 | .16 | .09 | .04 | .27 | .07 | .25 |
| Orderliness | 4 | 72,262 | -.07 | .02 | -.09 | .02 | -.11 | -.07 | -.11 | -.07 |
| Achievement | 1 | 178 | .03 | - | .04 | - | - | - | -.13 | .20 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | 1 | 178 | .16 | - | .22 | - | - | - | .06 | .39 |
| Cautiousness | 1 | 366,932 | -.05 | - | -.07 | - | - | - | -.08 | -.07 |
| Order | 1 | 366,932 | .01 | - | .01 | - | - | - | .01 | .02 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|---------|------|-----|------|-----|------|------|------|------|
| Extraversion | 6 | 72,629 | -.03 | .01 | -.04 | .00 | -.04 | -.03 | -.05 | -.03 |
| Enthusiasm | 1 | 178 | -.05 | - | -.07 | - | - | - | -.23 | .09 |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 6 | 443,817 | .03 | .01 | .04 | .02 | .02 | .06 | .03 | .05 |
| Activity | 1 | 366,932 | .12 | - | .17 | - | - | - | .16 | .17 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 6 | 439,415 | -.03 | .02 | -.04 | .03 | -.07 | .00 | -.05 | -.02 |
| Sensation Seeking | 1 | 138 | .10 | - | .13 | - | - | - | -.05 | .32 |
| Openness | 5 | 72,491 | .04 | .03 | .06 | .03 | .02 | .10 | .03 | .08 |
| Experiencing | 2 | 367,070 | .01 | .00 | .01 | .00 | .01 | .01 | .01 | .01 |
| Intellect | 3 | 537 | .10 | .12 | .13 | .12 | -.03 | .29 | -.02 | .28 |
| Need for Cognition | 1 | 213 | .08 | - | .10 | - | - | - | -.03 | .24 |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | 3 | 72,124 | .13 | .01 | .18 | .00 | .18 | .18 | .17 | .19 |
| Introspection | 3 | 72,124 | -.05 | .00 | -.08 | .00 | -.08 | -.08 | -.08 | -.07 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | 3 | 72,124 | -.13 | .01 | -.17 | .00 | -.17 | -.17 | -.18 | -.17 |
| Non Traditional | 1 | 354 | .53 | - | .74 | - | - | - | .66 | .83 |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | 3 | 72,124 | .07 | .00 | .09 | .00 | .09 | .09 | .09 | .10 |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 1 | 366,932 | .14 | - | .18 | - | - | - | .18 | .18 |
| compound: Locus of Control | 1 | 4,623 | .07 | - | .10 | - | - | - | .06 | .13 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|--------|------|-----|------|-----|------|------|------|------|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | 3 | 72,124 | .11 | .01 | .15 | .01 | .14 | .16 | .13 | .17 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | 2 | 71,946 | .13 | .00 | .17 | .00 | .17 | .17 | .16 | .17 |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | 2 | 8,662 | .08 | .00 | .10 | .00 | .10 | .10 | .10 | .10 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 4 | 72,262 | -.07 | .02 | -.09 | .02 | -.11 | -.07 | -.11 | -.07 |
| compound: Grandiosity and Intimidation | 2 | 71,946 | .04 | .00 | .07 | .00 | .07 | .07 | .06 | .07 |
| compound: Ambition | 2 | 359 | .06 | .07 | .08 | .00 | .08 | .08 | -.02 | .19 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 1 | 201 | -.20 | - | -.28 | - | - | - | -.44 | -.13 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 1 | 120 | -.08 | - | -.11 | - | - | - | -.31 | .09 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S79. Meta-analytic results describing personality traits’ relations with acquired knowledge--domain specific knowledge---sciences---compound (nat. sci. knwl. & phy. sci. knwl.).

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 4 | 6,535 | -.05 | .02 | -.06 | .00 | -.06 | -.06 | -.09 | -.04 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 4 | 5,815 | -.04 | .01 | -.06 | .00 | -.06 | -.06 | -.07 | -.05 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 4 | 1,483 | -.02 | .06 | -.03 | .04 | -.08 | .03 | -.10 | .04 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | 3 | 167 | -.05 | .09 | -.08 | .00 | -.08 | -.08 | -.21 | .05 |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | 3 | 168 | .09 | .09 | .12 | .00 | .12 | .12 | .00 | .23 |
| Modesty | 3 | 165 | -.04 | .17 | -.06 | .14 | -.25 | .13 | -.29 | .17 |
| Non Manipulative | 4 | 6,934 | .03 | .02 | .04 | .00 | .04 | .04 | .02 | .06 |
| Conscientiousness | 4 | 1,483 | .08 | .05 | .11 | .00 | .11 | .11 | .06 | .16 |
| Industriousness | 3 | 164 | .00 | .07 | -.01 | .00 | -.01 | -.01 | -.09 | .08 |
| Orderliness | 4 | 6,930 | .02 | .02 | .03 | .00 | .03 | .03 | .01 | .05 |
| Achievement | 3 | 168 | .05 | .07 | .07 | .00 | .07 | .07 | -.02 | .16 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|---|-------|------|-----|------|-----|------|------|------|------|
| Extraversion | 4 | 6,532 | .01 | .02 | .01 | .00 | .01 | .01 | .00 | .03 |
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | 3 | 165 | .15 | .09 | .20 | .00 | .20 | .20 | .09 | .31 |
| Dominance | 4 | 6,927 | .06 | .01 | .08 | .00 | .08 | .08 | .06 | .09 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | 4 | 6,933 | .03 | .02 | .04 | .00 | .04 | .04 | .01 | .07 |
| Openness | 4 | 6,535 | .01 | .01 | .02 | .00 | .02 | .02 | .01 | .03 |
| Experiencing | 4 | 6,933 | -.07 | .03 | -.10 | .00 | -.10 | -.10 | -.13 | -.07 |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 4 | 3,706 | -.03 | .04 | -.04 | .03 | -.08 | .01 | -.08 | .01 |
| Factor Beta | 3 | 168 | .03 | .06 | .03 | .00 | .03 | .03 | -.04 | .11 |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | 4 | 4,130 | .04 | .03 | .06 | .00 | .06 | .06 | .03 | .09 |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|-----|------|-----|
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 4 | 6,934 | .03 | .01 | .04 | .00 | .04 | .04 | .02 | .05 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 4 | 6,933 | -.02 | .03 | -.03 | .03 | -.07 | .01 | -.07 | .01 |
| compound: Grandiosity and Intimidation | 3 | 167 | .00 | .24 | .00 | .32 | -.40 | .41 | -.36 | .37 |
| compound: Ambition | 4 | 3,269 | .03 | .03 | .05 | .00 | .05 | .05 | .01 | .08 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S80. Meta-analytic results describing personality traits’ relations with acquired knowledge--domain specific knowledge---social studies knowledge.

| Personality Construct | Total K | Total N | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|---------|---------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 9 | 3,818 | .00 | .08 | .00 | .08 | -.11 | .10 | -.06 | .05 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 1 | 62 | .02 | - | .02 | - | - | - | -.27 | .32 |
| Anxiety | 8 | 2,419 | -.07 | .06 | -.09 | .02 | -.12 | -.07 | -.14 | -.05 |
| Anxiety (Test) | 6 | 2,179 | -.24 | .05 | -.31 | .00 | -.31 | -.31 | -.36 | -.27 |
| Uneven Tempered | 9 | 363,813 | -.19 | .02 | -.26 | .00 | -.26 | -.26 | -.27 | -.25 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 10 | 4,025 | .00 | .09 | .00 | .11 | -.13 | .14 | -.06 | .07 |
| Compassion | 1 | 361,935 | .14 | - | .20 | - | - | - | .19 | .20 |
| Politeness | 1 | 178 | .14 | - | .20 | - | - | - | .02 | .38 |
| Tender Mindedness | 1 | 62 | -.12 | - | -.19 | - | - | - | -.51 | .13 |
| Nurturance | 2 | 240 | .03 | .14 | .05 | .14 | -.13 | .23 | -.17 | .27 |
| Cooperation | 1 | 62 | .10 | - | .15 | - | - | - | -.15 | .45 |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | 1 | 62 | .15 | - | .21 | - | - | - | -.08 | .50 |
| Non Manipulative | 2 | 421 | .08 | .01 | .12 | .00 | .12 | .12 | .09 | .14 |
| Conscientiousness | 4 | 2,643 | -.03 | .05 | -.05 | .03 | -.09 | -.01 | -.10 | .00 |
| Industriousness | 3 | 363,611 | .20 | .00 | .28 | .00 | .28 | .28 | .27 | .28 |
| Orderliness | 5 | 1,078 | .11 | .11 | .16 | .11 | .01 | .31 | .05 | .27 |
| Achievement | 4 | 978 | -.06 | .09 | -.08 | .09 | -.20 | .03 | -.19 | .02 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | 3 | 1,854 | .27 | .11 | .39 | .13 | .22 | .56 | .25 | .54 |
| Cautiousness | 2 | 361,997 | -.09 | .00 | -.13 | .00 | -.13 | -.13 | -.13 | -.12 |
| Order | 2 | 361,997 | .08 | .00 | .12 | .00 | .12 | .12 | .12 | .12 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|---------|------|-----|------|-----|------|------|------|------|
| Extraversion | 10 | 4,025 | -.05 | .08 | -.07 | .09 | -.18 | .04 | -.13 | -.01 |
| Enthusiasm | 1 | 178 | -.02 | - | -.02 | - | - | - | -.20 | .15 |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 8 | 363,395 | .07 | .01 | .10 | .00 | .10 | .10 | .09 | .10 |
| Activity | 2 | 361,997 | .15 | .00 | .21 | .00 | .21 | .21 | .21 | .21 |
| Positive Emotionality | 1 | 62 | .00 | - | .00 | - | - | - | -.30 | .29 |
| Sociability | 4 | 363,789 | .06 | .00 | .08 | .00 | .08 | .08 | .07 | .08 |
| Sensation Seeking | 7 | 1,083 | -.02 | .15 | -.03 | .17 | -.25 | .19 | -.15 | .10 |
| Openness | 6 | 1,870 | .15 | .12 | .21 | .14 | .04 | .39 | .10 | .32 |
| Experiencing | 5 | 362,835 | .12 | .01 | .17 | .00 | .17 | .17 | .16 | .18 |
| Intellect | 1 | 178 | .23 | - | .32 | - | - | - | .15 | .48 |
| Need for Cognition | 2 | 500 | .30 | .10 | .38 | .09 | .27 | .49 | .24 | .53 |
| Ideas | 2 | 1,676 | .35 | .08 | .50 | .07 | .41 | .59 | .36 | .64 |
| Curiosity | 1 | 178 | .13 | - | .18 | - | - | - | .01 | .35 |
| Introspection | 2 | 1,792 | .32 | .10 | .49 | .12 | .33 | .65 | .32 | .67 |
| Fantasy | 1 | 62 | .01 | - | .01 | - | - | - | -.29 | .31 |
| Aesthetics | 2 | 240 | -.02 | .07 | -.02 | .00 | -.02 | -.02 | -.14 | .09 |
| Non Traditional | 2 | 382 | .15 | .10 | .22 | .09 | .10 | .33 | .05 | .39 |
| Variety Seeking | 1 | 62 | -.14 | - | -.21 | - | - | - | -.53 | .11 |
| Factor Alpha | 1 | 1,614 | .02 | - | .02 | - | - | - | -.03 | .08 |
| Factor Beta | 2 | 1,934 | .31 | .08 | .43 | .07 | .33 | .52 | .30 | .55 |
| General Factor of Personality | 4 | 736 | .03 | .09 | .05 | .08 | -.06 | .15 | -.06 | .15 |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | 1 | 1,614 | .47 | - | .65 | - | - | - | .61 | .70 |
| compound: Innovation | 1 | 178 | .08 | - | .10 | - | - | - | -.06 | .27 |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 8 | 394,692 | .16 | .02 | .23 | .00 | .23 | .23 | .21 | .24 |
| compound: Locus of Control | 5 | 29,547 | .28 | .02 | .42 | .00 | .42 | .42 | .40 | .44 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|-----|------|------|
| compound: Routine Seeking | 1 | 1,612 | -.29 | - | -.39 | - | - | - | -.44 | -.34 |
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | 1 | 178 | -.06 | - | -.08 | - | - | - | -.25 | .09 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 2 | 421 | .03 | .12 | .05 | .14 | -.14 | .23 | -.16 | .25 |
| compound: Self Control | 1 | 1,614 | .05 | - | .07 | - | - | - | .02 | .13 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 1 | 62 | -.05 | - | -.08 | - | - | - | -.38 | .23 |
| compound: Warmth | 7 | 1,460 | -.05 | .15 | -.07 | .18 | -.30 | .17 | -.20 | .06 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 5 | 2,350 | .14 | .14 | .19 | .17 | -.03 | .41 | .05 | .33 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | 1 | 1,614 | .35 | - | .49 | - | - | - | .44 | .54 |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 3 | 701 | -.06 | .09 | -.08 | .09 | -.20 | .04 | -.21 | .05 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 1 | 1,614 | .05 | - | .08 | - | - | - | .02 | .14 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S81. Meta-analytic results describing personality traits’ relations with psychomotor ability.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 5 | 5,418 | .06 | .10 | .08 | .12 | -.07 | .24 | -.01 | .17 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | 2 | 420 | -.13 | .16 | -.18 | .19 | -.42 | .06 | -.43 | .07 |
| Agreeableness | 2 | 4,758 | -.04 | .07 | -.05 | .09 | -.16 | .06 | -.16 | .05 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | 2 | 420 | .07 | .07 | .08 | .02 | .06 | .10 | -.02 | .19 |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 4 | 5,178 | .01 | .07 | .01 | .08 | -.10 | .11 | -.07 | .08 |
| Industriousness | 2 | 420 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | 1 | 40 | .21 | - | .28 | - | - | - | -.05 | .62 |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | 2 | 420 | -.03 | .04 | -.04 | .00 | -.04 | -.04 | -.11 | .02 |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 3 | 555 | .11 | .01 | .14 | .00 | .14 | .14 | .13 | .15 |

| | | | | | | | | | | |
|--|---|-------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 3 | 5,043 | -.07 | .05 | -.09 | .05 | -.15 | -.03 | -.15 | -.03 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | 2 | 420 | .16 | .04 | .20 | .00 | .20 | .20 | .14 | .27 |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | 3 | 555 | .06 | .17 | .08 | .20 | -.18 | .33 | -.13 | .29 |
| Openness | 1 | 135 | -.06 | - | -.08 | - | - | - | -.26 | .11 |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | 2 | 420 | .07 | .01 | .09 | .00 | .09 | .09 | .08 | .10 |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 1 | 238 | .16 | - | .21 | - | - | - | .07 | .35 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | 1 | 4,623 | -.05 | - | -.07 | - | - | - | -.10 | -.04 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|-----|------|------|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | 1 | 4,623 | -.07 | - | -.09 | - | - | - | -.12 | -.06 |
| compound: Risk Taking | 1 | 135 | .01 | - | .01 | - | - | - | -.17 | .20 |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 2 | 420 | .00 | .08 | .00 | .05 | -.06 | .06 | -.12 | .12 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S82. Meta-analytic results describing personality traits' relations with psychomotor ability--aiming.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 3 | 359 | -.05 | .04 | -.06 | .00 | -.06 | -.06 | -.11 | -.02 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 2 | 294 | -.14 | .03 | -.17 | .00 | -.17 | -.17 | -.21 | -.13 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 1 | 138 | -.12 | - | -.15 | - | - | - | -.32 | .02 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 1 | 156 | .01 | - | .02 | - | - | - | -.15 | .19 |
| Conscientiousness | - | - | - | - | - | - | - | - | - | - |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | 2 | 294 | .10 | .01 | .12 | .00 | .12 | .12 | .11 | .14 |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 3 | 359 | -.13 | .07 | -.15 | .00 | -.15 | -.15 | -.24 | -.07 |

| | | | | | | | | | | |
|--|---|-----|------|-----|------|-----|------|------|------|-----|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 2 | 294 | -.02 | .04 | -.02 | .00 | -.02 | -.02 | -.08 | .04 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | 2 | 294 | -.02 | .16 | -.02 | .18 | -.25 | .21 | -.26 | .22 |
| Openness | 2 | 264 | .06 | .03 | .07 | .00 | .07 | .07 | .02 | .12 |
| Experiencing | 2 | 294 | .09 | .01 | .11 | .00 | .11 | .11 | .10 | .13 |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 1 | 65 | .00 | - | .00 | - | - | - | -.26 | .26 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|------|-----|------|-----|------|------|------|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 1 | 156 | .01 | - | .02 | - | - | - | -.15 | .18 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 2 | 294 | -.04 | .08 | -.05 | .00 | -.05 | -.05 | -.17 | .06 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S83. Meta-analytic results describing personality traits' relations with psychomotor ability--finger dexterity.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 4 | 5,055 | -.13 | .03 | -.17 | .01 | -.18 | -.15 | -.20 | -.13 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 1 | 4,462 | -.14 | - | -.18 | - | - | - | -.22 | -.15 |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | 2 | 420 | -.09 | .14 | -.13 | .18 | -.35 | .10 | -.36 | .11 |
| Agreeableness | 1 | 173 | .08 | - | .11 | - | - | - | -.06 | .27 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | 2 | 420 | .06 | .04 | .08 | .00 | .08 | .08 | .02 | .14 |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 3 | 593 | -.04 | .09 | -.05 | .07 | -.14 | .03 | -.16 | .06 |
| Industriousness | 2 | 420 | -.01 | .06 | -.01 | .00 | -.01 | -.01 | -.11 | .08 |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | 2 | 420 | .02 | .03 | .02 | .00 | .02 | .02 | -.02 | .07 |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 3 | 593 | .05 | .04 | .07 | .00 | .07 | .07 | .02 | .11 |

| | | | | | | | | | | |
|--|---|-----|-----|-----|-----|-----|------|-----|------|-----|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 2 | 420 | .02 | .05 | .03 | .00 | .03 | .03 | -.05 | .11 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | 2 | 420 | .14 | .07 | .19 | .00 | .19 | .19 | .09 | .30 |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | 2 | 420 | .10 | .11 | .14 | .12 | -.02 | .29 | -.04 | .32 |
| Openness | 1 | 173 | .12 | - | .16 | - | - | - | .00 | .33 |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | 2 | 420 | .04 | .02 | .06 | .00 | .06 | .06 | .03 | .10 |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|------|-----|------|-----|------|------|------|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | 1 | 173 | -.02 | - | -.03 | - | - | - | -.19 | .14 |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 2 | 420 | -.01 | .05 | -.02 | .00 | -.02 | -.02 | -.10 | .06 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S84. Meta-analytic results describing personality traits' relations with psychomotor ability--manual dexterity.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 5 | 943 | -.05 | .09 | -.06 | .07 | -.16 | .03 | -.15 | .02 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 1 | 138 | -.01 | - | -.01 | - | - | - | -.19 | .16 |
| Suspiciousness | 2 | 420 | -.12 | .15 | -.16 | .18 | -.38 | .07 | -.39 | .08 |
| Agreeableness | 2 | 283 | -.11 | .06 | -.13 | .00 | -.13 | -.13 | -.23 | -.04 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | 2 | 420 | .03 | .07 | .04 | .03 | .00 | .08 | -.07 | .15 |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 3 | 565 | -.09 | .10 | -.11 | .09 | -.23 | .00 | -.24 | .01 |
| Industriousness | 2 | 420 | -.02 | .01 | -.02 | .00 | -.02 | -.02 | -.03 | -.01 |
| Orderliness | 1 | 138 | .05 | - | .06 | - | - | - | -.12 | .25 |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | 2 | 420 | -.08 | .04 | -.11 | .00 | -.11 | -.11 | -.17 | -.04 |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 4 | 703 | .03 | .10 | .04 | .08 | -.07 | .14 | -.06 | .14 |

| | | | | | | | | | | |
|--|---|-----|------|-----|------|-----|------|-----|------|-----|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 3 | 558 | .06 | .03 | .08 | .00 | .08 | .08 | .05 | .11 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | 2 | 420 | .13 | .02 | .17 | .00 | .17 | .17 | .14 | .20 |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | 3 | 558 | .08 | .13 | .10 | .14 | -.08 | .28 | -.06 | .26 |
| Openness | 1 | 145 | -.13 | - | -.17 | - | - | - | -.34 | .01 |
| Experiencing | 1 | 138 | -.05 | - | -.07 | - | - | - | -.25 | .12 |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | 2 | 420 | .05 | .04 | .06 | .00 | .06 | .06 | -.01 | .13 |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 1 | 238 | .09 | - | .12 | - | - | - | -.02 | .25 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|------|-----|------|-----|------|------|------|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 3 | 558 | -.02 | .06 | -.02 | .00 | -.02 | -.02 | -.09 | .05 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S85. Meta-analytic results describing personality traits' relations with psychomotor speed.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 3 | 5,043 | .07 | .06 | .09 | .06 | .00 | .17 | .02 | .15 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | 2 | 420 | -.13 | .11 | -.18 | .12 | -.34 | -.02 | -.37 | .01 |
| Agreeableness | 1 | 4,623 | -.04 | - | -.05 | - | - | - | -.08 | -.02 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | 2 | 420 | .07 | .05 | .09 | .00 | .09 | .09 | .01 | .16 |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 3 | 5,043 | -.04 | .03 | -.06 | .02 | -.09 | -.03 | -.10 | -.02 |
| Industriousness | 2 | 420 | .03 | .08 | .04 | .04 | -.02 | .09 | -.08 | .15 |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | 2 | 420 | -.01 | .01 | -.02 | .00 | -.02 | -.02 | -.04 | .00 |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 2 | 420 | .12 | .10 | .15 | .09 | .04 | .27 | .00 | .30 |

| | | | | | | | | | | |
|--|---|-------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 3 | 5,043 | -.07 | .05 | -.09 | .05 | -.16 | -.03 | -.15 | -.04 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | 2 | 420 | .12 | .07 | .16 | .00 | .16 | .16 | .05 | .27 |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | 2 | 420 | .05 | .15 | .07 | .18 | -.17 | .30 | -.17 | .30 |
| Openness | - | - | - | - | - | - | - | - | - | - |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | 2 | 420 | .08 | .04 | .11 | .00 | .11 | .11 | .05 | .17 |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | 1 | 4,623 | -.07 | - | -.10 | - | - | - | -.13 | -.06 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|-----|------|------|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | 1 | 4,623 | -.10 | - | -.13 | - | - | - | -.16 | -.10 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 2 | 420 | .00 | .12 | .00 | .13 | -.17 | .17 | -.19 | .19 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S86. Meta-analytic results describing personality traits' relations with psychomotor speed--writing speed.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 2 | 379 | .03 | .01 | .04 | .00 | .04 | .04 | .02 | .06 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 2 | 379 | -.05 | .04 | -.07 | .00 | -.07 | -.07 | -.14 | -.01 |
| Anxiety | 2 | 379 | -.04 | .12 | -.05 | .13 | -.22 | .11 | -.24 | .13 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 3 | 257 | -.03 | .07 | -.05 | .00 | -.05 | -.05 | -.13 | .04 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 2 | 322 | -.01 | .05 | -.01 | .00 | -.01 | -.01 | -.08 | .07 |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | 2 | 385 | .00 | .04 | -.01 | .00 | -.01 | -.01 | -.06 | .05 |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | 1 | 164 | .04 | - | .05 | - | - | - | -.12 | .23 |
| Dependability | 1 | 164 | .02 | - | .03 | - | - | - | -.15 | .21 |
| Cautiousness | 1 | 221 | -.15 | - | -.20 | - | - | - | -.35 | -.05 |
| Order | 2 | 385 | -.08 | .05 | -.11 | .00 | -.11 | -.11 | -.19 | -.03 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 3 | 257 | -.05 | .19 | -.07 | .21 | -.34 | .20 | -.31 | .17 |

| | | | | | | | | | | |
|--|---|-----|------|-----|------|-----|------|------|------|------|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 1 | 221 | .08 | - | .10 | - | - | - | -.05 | .25 |
| Activity | 1 | 221 | .07 | - | .09 | - | - | - | -.06 | .24 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | 3 | 257 | -.09 | .11 | -.13 | .04 | -.18 | -.07 | -.27 | .02 |
| Experiencing | 1 | 221 | .02 | - | .02 | - | - | - | -.13 | .18 |
| Intellect | 2 | 385 | -.02 | .06 | -.03 | .00 | -.03 | -.03 | -.13 | .07 |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 2 | 385 | .03 | .02 | .04 | .00 | .04 | .04 | .01 | .07 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 1 | 164 | .04 | - | .06 | - | - | - | -.13 | .25 |
| Fantasy | 2 | 385 | -.01 | .05 | -.02 | .00 | -.02 | -.02 | -.10 | .06 |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | 2 | 385 | -.07 | .05 | -.10 | .00 | -.10 | -.10 | -.18 | -.01 |
| Variety Seeking | 2 | 385 | -.05 | .02 | -.07 | .00 | -.07 | -.07 | -.12 | -.03 |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 1 | 221 | -.03 | - | -.04 | - | - | - | -.18 | .11 |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|------|-----|------|-----|------|-----|------|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | 1 | 221 | -.04 | - | -.05 | - | - | - | -.20 | .10 |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 4 | 484 | -.04 | .16 | -.06 | .18 | -.29 | .17 | -.24 | .13 |
| compound: Cold Efficiency | 2 | 385 | .05 | .02 | .08 | .00 | .08 | .08 | .05 | .12 |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S87. Meta-analytic results describing personality traits’ relations with compound: acquired knowledge & auditory processing.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 2 | 322 | -.11 | .19 | -.14 | .21 | -.41 | .14 | -.41 | .14 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 2 | 322 | .01 | .15 | .01 | .17 | -.20 | .23 | -.21 | .24 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 2 | 322 | .00 | .24 | .00 | .28 | -.37 | .36 | -.35 | .34 |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 2 | 322 | .23 | .18 | .28 | .21 | .01 | .56 | .01 | .56 |

| | | | | | | | | | | |
|--|---|-----|-----|-----|-----|-----|------|-----|------|-----|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | - | - | - | - | - | - | - | - | - | - |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | 2 | 322 | .14 | .13 | .18 | .14 | -.01 | .36 | -.03 | .38 |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S88. Meta-analytic results describing personality traits’ relations with compound: acquired knowledge & memory.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 1 | 185 | -.07 | - | -.08 | - | - | - | -.23 | .06 |
| Withdrawal | 1 | 240 | -.13 | - | -.16 | - | - | - | -.28 | -.03 |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | 1 | 228 | .10 | - | .12 | - | - | - | -.01 | .25 |
| Anxiety (Test) | 1 | 228 | -.01 | - | -.01 | - | - | - | -.13 | .12 |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 2 | 1,059 | .04 | .06 | .05 | .04 | -.01 | .10 | -.03 | .13 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | 1 | 185 | -.15 | - | -.20 | - | - | - | -.37 | -.04 |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | 1 | 228 | .05 | - | .06 | - | - | - | -.08 | .21 |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 1 | 210 | .19 | - | .23 | - | - | - | .09 | .36 |
| Industriousness | 1 | 185 | .18 | - | .22 | - | - | - | .07 | .36 |
| Orderliness | 1 | 185 | .05 | - | .07 | - | - | - | -.09 | .22 |
| Achievement | 1 | 202 | .10 | - | .12 | - | - | - | -.02 | .27 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | 1 | 185 | .20 | - | .25 | - | - | - | .10 | .40 |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 2 | 1,059 | -.07 | .02 | -.08 | .00 | -.08 | -.08 | -.10 | -.06 |

| | | | | | | | | | | |
|--|---|-------|------|-----|------|-----|------|-----|------|------|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 1 | 228 | -.14 | - | -.17 | - | - | - | -.31 | -.04 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | 1 | 185 | -.16 | - | -.21 | - | - | - | -.36 | -.06 |
| Openness | 4 | 1,258 | .25 | .11 | .31 | .12 | .16 | .46 | .19 | .42 |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | 1 | 202 | .21 | - | .26 | - | - | - | .12 | .40 |
| Need for Cognition | 1 | 240 | .25 | - | .29 | - | - | - | .18 | .41 |
| Ideas | 1 | 185 | .40 | - | .51 | - | - | - | .38 | .64 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | 1 | 228 | .22 | - | .29 | - | - | - | .15 | .43 |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | 2 | 468 | -.03 | .07 | -.04 | .04 | -.08 | .01 | -.14 | .07 |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 1 | 202 | .13 | - | .16 | - | - | - | .02 | .31 |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|-----|------|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | 1 | 185 | -.01 | - | -.01 | - | - | - | -.16 | .15 |
| compound: Warmth | 2 | 413 | -.10 | .14 | -.13 | .15 | -.32 | .06 | -.33 | .07 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 2 | 1,059 | .00 | .09 | .00 | .10 | -.13 | .13 | -.14 | .13 |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 1 | 185 | .09 | - | .12 | - | - | - | -.04 | .27 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S89. Meta-analytic results describing personality traits’ relations with compound: acquired knowledge & processing speed.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 2 | 274 | -.13 | .09 | -.16 | .03 | -.20 | -.12 | -.28 | -.03 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | 1 | 44 | -.26 | - | -.32 | - | - | - | -.60 | -.04 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | 1 | 108 | -.24 | - | -.32 | - | - | - | -.51 | -.12 |
| Agreeableness | 2 | 274 | -.01 | .02 | -.01 | .00 | -.01 | -.01 | -.04 | .02 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 1 | 166 | .03 | - | .04 | - | - | - | -.12 | .19 |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 1 | 166 | .03 | - | .04 | - | - | - | -.12 | .19 |

| | | | | | | | | | | |
|--|---|-----|------|---|------|---|---|---|------|-----|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 1 | 108 | .26 | - | .33 | - | - | - | .14 | .51 |
| Activity | 1 | 108 | -.06 | - | -.08 | - | - | - | -.28 | .13 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 1 | 108 | .07 | - | .09 | - | - | - | -.11 | .28 |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | 1 | 166 | .05 | - | .06 | - | - | - | -.10 | .22 |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 1 | 108 | -.09 | - | -.12 | - | - | - | -.34 | .09 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | 1 | 108 | .15 | - | .18 | - | - | - | -.01 | .37 |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|------|---|------|---|---|---|------|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 1 | 108 | .13 | - | .16 | - | - | - | -.03 | .36 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | 1 | 108 | -.08 | - | -.10 | - | - | - | -.30 | .10 |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 1 | 108 | .16 | - | .20 | - | - | - | .01 | .40 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S90. Meta-analytic results describing personality traits' relations with compound: acquired knowledge & visual processing.

| Personality Construct | Total K | Total N | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|---------|---------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 7 | 76,183 | -.09 | .03 | -.11 | .04 | -.16 | -.06 | -.13 | -.08 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 2 | 148 | -.12 | .09 | -.15 | .00 | -.15 | -.15 | -.28 | -.03 |
| Anxiety | 3 | 72,222 | -.07 | .02 | -.08 | .03 | -.12 | -.05 | -.11 | -.05 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 3 | 432,619 | -.12 | .06 | -.15 | .07 | -.23 | -.06 | -.21 | -.08 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 6 | 76,215 | -.06 | .02 | -.08 | .02 | -.10 | -.06 | -.09 | -.07 |
| Compassion | 1 | 360,673 | .00 | - | -.01 | - | - | - | -.01 | .00 |
| Politeness | 2 | 71,946 | -.08 | .01 | -.11 | .00 | -.12 | -.11 | -.13 | -.09 |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | 2 | 71,946 | -.09 | .01 | -.12 | .01 | -.13 | -.10 | -.14 | -.10 |
| Cooperation | 3 | 75,286 | .01 | .02 | .01 | .03 | -.03 | .05 | -.02 | .04 |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 6 | 75,779 | -.05 | .02 | -.06 | .02 | -.08 | -.04 | -.07 | -.05 |
| Industriousness | 3 | 432,619 | .11 | .07 | .14 | .09 | .02 | .26 | .05 | .23 |
| Orderliness | 2 | 71,946 | -.08 | .01 | -.11 | .01 | -.12 | -.10 | -.13 | -.09 |
| Achievement | 1 | 28 | .03 | - | .04 | - | - | - | -.36 | .45 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | 1 | 396 | .04 | - | .05 | - | - | - | -.06 | .17 |
| Cautiousness | 3 | 361,229 | -.05 | .01 | -.07 | .00 | -.07 | -.06 | -.08 | -.06 |
| Order | 1 | 360,673 | -.02 | - | -.02 | - | - | - | -.03 | -.02 |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 6 | 76,219 | -.03 | .02 | -.04 | .02 | -.06 | -.02 | -.05 | -.02 |

| | | | | | | | | | | |
|--|---|---------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 4 | 433,015 | .02 | .00 | .03 | .00 | .03 | .04 | .03 | .04 |
| Activity | 3 | 361,229 | .12 | .01 | .16 | .00 | .16 | .16 | .15 | .17 |
| Positive Emotionality | 1 | 88 | .13 | - | .17 | - | - | - | -.05 | .39 |
| Sociability | 4 | 433,015 | -.05 | .01 | -.06 | .02 | -.08 | -.04 | -.07 | -.05 |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | 5 | 75,664 | .06 | .01 | .08 | .01 | .06 | .10 | .07 | .09 |
| Experiencing | 1 | 360,673 | -.03 | - | -.04 | - | - | - | -.04 | -.03 |
| Intellect | 2 | 556 | .09 | .00 | .11 | .00 | .11 | .11 | .11 | .11 |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | 2 | 71,946 | .16 | .01 | .21 | .00 | .21 | .21 | .20 | .21 |
| Introspection | 2 | 71,946 | -.02 | .00 | -.03 | .00 | -.03 | -.03 | -.04 | -.03 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | 2 | 71,946 | -.13 | .00 | -.16 | .00 | -.16 | -.16 | -.16 | -.16 |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | 1 | 547 | .06 | - | .08 | - | - | - | -.01 | .16 |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | 2 | 71,946 | .08 | .00 | .10 | .00 | .10 | .10 | .10 | .11 |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 2 | 361,220 | .14 | .01 | .17 | .00 | .17 | .17 | .16 | .19 |
| compound: Locus of Control | 2 | 304 | .25 | .04 | .34 | .00 | .34 | .34 | .27 | .41 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|--------|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | 2 | 71,946 | .13 | .01 | .17 | .01 | .16 | .18 | .15 | .19 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | 1 | 3,340 | -.01 | - | -.01 | - | - | - | -.05 | .02 |
| compound: Stress Tolerance | 2 | 71,946 | .12 | .01 | .16 | .00 | .16 | .16 | .14 | .17 |
| compound: Trust | 2 | 556 | .01 | .00 | .01 | .00 | .01 | .01 | .01 | .01 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 3 | 72,493 | -.05 | .01 | -.07 | .01 | -.08 | -.06 | -.08 | -.05 |
| compound: Grandiosity and Intimidation | 2 | 71,946 | .06 | .01 | .09 | .01 | .08 | .10 | .07 | .10 |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 1 | 120 | -.09 | - | -.12 | - | - | - | -.31 | .08 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S91. Meta-analytic results describing personality traits' relations with compound: acq. knowl., psychomotor speed, & vis. proc.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | - | - | - | - | - | - | - | - | - | - |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | - | - | - | - | - | - | - | - | - | - |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | - | - | - | - | - | - | - | - | - | - |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|--|---|-----|------|---|------|---|---|---|------|-----|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | - | - | - | - | - | - | - | - | - | - |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | 1 | 318 | -.07 | - | -.09 | - | - | - | -.20 | .03 |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | - | - | - | - | - | - | - | - | - | - |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 1 | 318 | .11 | - | .14 | - | - | - | .02 | .26 |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S92. Meta-analytic results describing personality traits’ relations with compound: fluid & memory.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 7 | 8,763 | -.02 | .02 | -.02 | .00 | -.02 | -.02 | -.04 | -.01 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 5 | 7,651 | .00 | .02 | .00 | .00 | .00 | .00 | -.02 | .03 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 6 | 2,300 | .03 | .12 | .04 | .13 | -.14 | .21 | -.06 | .14 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | 3 | 178 | -.02 | .13 | -.02 | .00 | -.02 | -.02 | -.19 | .15 |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | 3 | 180 | -.10 | .05 | -.12 | .00 | -.12 | -.12 | -.19 | -.06 |
| Modesty | 3 | 176 | -.08 | .13 | -.11 | .04 | -.15 | -.06 | -.27 | .06 |
| Non Manipulative | 4 | 8,647 | .00 | .03 | .01 | .02 | -.02 | .04 | -.02 | .04 |
| Conscientiousness | 6 | 2,300 | -.03 | .01 | -.04 | .00 | -.04 | -.04 | -.04 | -.03 |
| Industriousness | 4 | 328 | .03 | .17 | .04 | .16 | -.17 | .25 | -.14 | .22 |
| Orderliness | 5 | 8,781 | -.04 | .03 | -.05 | .02 | -.07 | -.03 | -.08 | -.02 |
| Achievement | 4 | 317 | .02 | .14 | .02 | .11 | -.12 | .17 | -.13 | .18 |
| Persistence | 1 | 149 | .01 | - | .01 | - | - | - | -.16 | .19 |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | 2 | 302 | .04 | .11 | .06 | .09 | -.06 | .17 | -.11 | .22 |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 8 | 8,912 | -.05 | .06 | -.06 | .06 | -.14 | .02 | -.10 | -.02 |

| | | | | | | | | | | |
|--|---|--------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | 3 | 176 | .03 | .19 | .03 | .17 | -.19 | .26 | -.19 | .26 |
| Dominance | 5 | 8,793 | .00 | .02 | .00 | .00 | .00 | .00 | -.02 | .02 |
| Activity | 1 | 138 | .04 | - | .05 | - | - | - | -.13 | .24 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | 5 | 8,795 | -.04 | .01 | -.05 | .00 | -.05 | -.05 | -.06 | -.04 |
| Openness | 8 | 11,524 | .06 | .06 | .08 | .07 | -.01 | .17 | .04 | .13 |
| Experiencing | 5 | 8,784 | .00 | .03 | .00 | .02 | -.03 | .02 | -.03 | .03 |
| Intellect | 1 | 452 | -.07 | - | -.09 | - | - | - | -.19 | .01 |
| Need for Cognition | 1 | 138 | .22 | - | .27 | - | - | - | .11 | .42 |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | 1 | 153 | .29 | - | .40 | - | - | - | .24 | .57 |
| Variety Seeking | 1 | 138 | .14 | - | .20 | - | - | - | .01 | .39 |
| Factor Alpha | 4 | 3,696 | .01 | .07 | .02 | .08 | -.09 | .12 | -.06 | .09 |
| Factor Beta | 3 | 180 | .00 | .13 | -.01 | .00 | -.01 | -.01 | -.16 | .15 |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | 3 | 4,710 | -.03 | .05 | -.04 | .06 | -.12 | .03 | -.11 | .02 |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 4 | 8,647 | .00 | .02 | .00 | .00 | .00 | .00 | -.02 | .02 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 5 | 8,799 | -.03 | .04 | -.04 | .04 | -.09 | .01 | -.08 | .00 |
| compound: Grandiosity and Intimidation | 3 | 178 | .08 | .17 | .12 | .17 | -.10 | .34 | -.12 | .36 |
| compound: Ambition | 3 | 3,154 | -.07 | .03 | -.09 | .00 | -.09 | -.09 | -.12 | -.06 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 1 | 153 | .02 | - | .02 | - | - | - | -.15 | .20 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S93. Meta-analytic results describing personality traits' relations with compound: fluid & processing speed.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|-------------|-------------|-------------|-------------|
| Neuroticism | 13 | 6,207 | -.03 | .11 | -.03 | .12 | -.19 | .12 | -.09 | .03 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | 3 | 481 | -.44 | .07 | -.56 | .00 | -.56 | -.56 | -.64 | -.48 |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | 3 | 416 | -.03 | .06 | -.04 | .00 | -.04 | -.04 | -.12 | .03 |
| Anxiety (Test) | 1 | 206 | -.24 | - | -.29 | - | - | - | -.42 | -.16 |
| Uneven Tempered | 6 | 1,145 | -.04 | .10 | -.06 | .08 | -.16 | .05 | -.14 | .03 |
| Suspiciousness | 3 | 1,352 | -.26 | .08 | -.35 | .08 | -.45 | -.25 | -.46 | -.24 |
| Agreeableness | 2 | 3,863 | -.05 | .01 | -.06 | .00 | -.06 | -.06 | -.08 | -.04 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | 3 | 20,414 | .01 | .04 | .02 | .05 | -.05 | .09 | -.04 | .07 |
| Lack of Aggression | 3 | 1,352 | .13 | .08 | .16 | .08 | .05 | .27 | .06 | .26 |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 5 | 618 | .07 | .06 | .10 | .00 | .10 | .10 | .03 | .16 |
| Conscientiousness | 7 | 21,875 | .00 | .04 | .01 | .04 | -.05 | .06 | -.02 | .03 |
| Industriousness | 7 | 2,111 | -.10 | .25 | -.12 | .31 | -.52 | .27 | -.32 | .07 |
| Orderliness | 6 | 1,145 | -.05 | .09 | -.06 | .06 | -.14 | .02 | -.14 | .01 |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | 1 | 197 | .04 | - | .05 | - | - | - | -.10 | .21 |
| Dependability | 1 | 278 | .01 | - | .01 | - | - | - | -.12 | .15 |
| Cautiousness | 4 | 1,563 | .05 | .10 | .06 | .11 | -.08 | .20 | -.04 | .17 |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 11 | 5,946 | -.03 | .06 | -.04 | .05 | -.10 | .03 | -.07 | .00 |

| | | | | | | | | | | |
|--|---|---------|------|-----|------|-----|------|------|------|------|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 9 | 2,497 | .10 | .07 | .13 | .05 | .07 | .20 | .08 | .19 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | 3 | 1,352 | -.02 | .06 | -.03 | .05 | -.10 | .04 | -.11 | .05 |
| Sociability | 1 | 142 | .01 | - | .01 | - | - | - | -.17 | .18 |
| Sensation Seeking | 9 | 2,497 | -.01 | .09 | -.02 | .09 | -.14 | .11 | -.08 | .05 |
| Openness | 7 | 4,232 | .05 | .09 | .07 | .11 | -.07 | .20 | -.01 | .14 |
| Experiencing | 8 | 1,396 | -.06 | .06 | -.08 | .00 | -.08 | -.08 | -.13 | -.04 |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 2 | 369 | -.06 | .11 | -.08 | .11 | -.23 | .06 | -.26 | .09 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | 1 | 142 | -.23 | - | -.32 | - | - | - | -.50 | -.13 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | 1 | 142 | -.22 | - | -.28 | - | - | - | -.45 | -.11 |
| Non Traditional | 4 | 1,494 | .03 | .05 | .05 | .00 | .05 | .05 | .00 | .10 |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 2 | 186,970 | .00 | .01 | .00 | .01 | -.01 | .01 | -.01 | .01 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 7 | 955 | .22 | .15 | .28 | .15 | .09 | .48 | .17 | .40 |
| compound: Locus of Control | 5 | 815 | -.05 | .15 | -.06 | .17 | -.28 | .15 | -.21 | .08 |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|---------|-----|-----|-----|-----|------|-----|------|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | 4 | 191,399 | .07 | .02 | .09 | .03 | .06 | .13 | .07 | .12 |
| compound: Stress Tolerance | 2 | 1,365 | .20 | .01 | .26 | .00 | .26 | .26 | .24 | .28 |
| compound: Trust | 5 | 618 | .14 | .06 | .19 | .00 | .19 | .19 | .13 | .25 |
| compound: Self Control | 1 | 196 | .06 | - | .08 | - | - | - | -.07 | .23 |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 9 | 2,497 | .05 | .08 | .06 | .07 | -.02 | .15 | .01 | .12 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | 1 | 142 | .10 | - | .13 | - | - | - | -.05 | .31 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S94. Meta-analytic results describing personality traits' relations with compound: fluid & visual processing.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 26 | 17,654 | -.06 | .11 | -.07 | .13 | -.23 | .09 | -.12 | -.03 |
| Withdrawal | 4 | 427 | -.06 | .05 | -.08 | .00 | -.08 | -.08 | -.13 | -.02 |
| Volatility | 4 | 427 | -.19 | .04 | -.24 | .00 | -.24 | -.24 | -.28 | -.20 |
| Negative Affect | 2 | 439 | .02 | .03 | .03 | .00 | .03 | .03 | -.01 | .07 |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | 3 | 991 | .01 | .12 | .02 | .13 | -.15 | .18 | -.12 | .16 |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 6 | 2,224 | .01 | .08 | .01 | .07 | -.08 | .10 | -.06 | .07 |
| Suspiciousness | 4 | 3,097 | -.12 | .08 | -.16 | .10 | -.29 | -.03 | -.25 | -.06 |
| Agreeableness | 21 | 10,443 | .04 | .08 | .05 | .08 | -.06 | .16 | .01 | .09 |
| Compassion | 4 | 427 | .14 | .07 | .19 | .00 | .19 | .19 | .12 | .26 |
| Politeness | 7 | 1,538 | -.02 | .08 | -.02 | .07 | -.11 | .06 | -.09 | .05 |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | 2 | 1,183 | -.01 | .03 | -.02 | .00 | -.02 | -.02 | -.07 | .04 |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | 9 | 4,466 | .02 | .06 | .02 | .06 | -.05 | .10 | -.02 | .07 |
| Modesty | 1 | 508 | -.08 | - | -.10 | - | - | - | -.20 | -.01 |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 26 | 16,820 | .01 | .12 | .01 | .14 | -.16 | .19 | -.03 | .06 |
| Industriousness | 9 | 3,401 | .09 | .08 | .12 | .08 | .01 | .22 | .06 | .17 |
| Orderliness | 12 | 3,365 | -.01 | .13 | -.02 | .16 | -.22 | .18 | -.10 | .06 |
| Achievement | 6 | 2,391 | .09 | .12 | .12 | .15 | -.07 | .31 | .01 | .23 |
| Persistence | 4 | 746 | .11 | .10 | .15 | .08 | .05 | .24 | .04 | .25 |
| Dependability | 3 | 1,113 | .04 | .07 | .06 | .07 | -.03 | .14 | -.04 | .15 |
| Cautiousness | 11 | 4,948 | .00 | .04 | .00 | .00 | .00 | .00 | -.02 | .03 |
| Order | 4 | 1,714 | -.07 | .12 | -.09 | .14 | -.27 | .10 | -.21 | .04 |
| Procrastination Avoidance | 2 | 690 | .05 | .02 | .06 | .00 | .06 | .06 | .03 | .10 |
| Extraversion | 26 | 9,709 | .05 | .09 | .06 | .09 | -.06 | .18 | .03 | .10 |

Stanek & Ones: Appendix G – Intelligence-Personality Relations

| | | | | | | | | | | |
|--|----|--------|-----|-----|-----|-----|------|-----|------|-----|
| Enthusiasm | 7 | 1,418 | .01 | .06 | .01 | .00 | .01 | .01 | -.04 | .06 |
| Assertiveness | 4 | 427 | .08 | .15 | .10 | .14 | -.08 | .28 | -.05 | .26 |
| Dominance | 15 | 10,506 | .06 | .07 | .08 | .07 | -.01 | .18 | .05 | .12 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | 3 | 3,181 | .04 | .01 | .06 | .00 | .06 | .06 | .04 | .07 |
| Sociability | 3 | 1,699 | .00 | .08 | .00 | .08 | -.11 | .10 | -.10 | .09 |
| Sensation Seeking | 8 | 4,004 | .15 | .06 | .19 | .05 | .13 | .26 | .15 | .24 |
| Openness | 19 | 5,550 | .09 | .09 | .11 | .08 | .00 | .22 | .07 | .15 |
| Experiencing | 5 | 935 | .11 | .11 | .15 | .11 | .00 | .29 | .03 | .26 |
| Intellect | 7 | 1,792 | .14 | .09 | .17 | .09 | .06 | .29 | .10 | .25 |
| Need for Cognition | 1 | 2,257 | .30 | - | .36 | - | - | - | .32 | .40 |
| Ideas | 4 | 1,216 | .20 | .17 | .26 | .21 | -.01 | .53 | .08 | .45 |
| Curiosity | 1 | 675 | .02 | - | .03 | - | - | - | -.05 | .11 |
| Introspection | 1 | 675 | .06 | - | .09 | - | - | - | .00 | .18 |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | 3 | 1,113 | .01 | .06 | .01 | .05 | -.06 | .07 | -.07 | .09 |
| Non Traditional | 8 | 4,266 | .08 | .09 | .11 | .10 | -.02 | .24 | .04 | .18 |
| Variety Seeking | 3 | 947 | .04 | .09 | .06 | .10 | -.06 | .18 | -.06 | .18 |
| Factor Alpha | 5 | 1,015 | .05 | .08 | .06 | .04 | .01 | .12 | -.01 | .14 |
| Factor Beta | 1 | 99 | .18 | - | .23 | - | - | - | .03 | .44 |
| General Factor of Personality | 2 | 450 | .01 | .03 | .01 | .00 | .01 | .01 | -.04 | .05 |
| compound: Interpersonal Sensitivity | 3 | 1,231 | .02 | .03 | .02 | .00 | .02 | .02 | -.02 | .07 |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | 1 | 567 | .05 | - | .07 | - | - | - | -.02 | .15 |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 3 | 947 | .02 | .08 | .03 | .07 | -.07 | .12 | -.07 | .12 |
| compound: Locus of Control | 4 | 5,238 | .11 | .02 | .15 | .00 | .15 | .15 | .12 | .17 |
| compound: Optimism | 2 | 316 | .05 | .03 | .06 | .00 | .06 | .06 | .01 | .11 |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-------|------|-----|------|-----|------|-----|------|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | 1 | 675 | .09 | - | .12 | - | - | - | .04 | .20 |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 1 | 508 | .03 | - | .04 | - | - | - | -.06 | .14 |
| compound: Self Control | 8 | 9,695 | .06 | .04 | .08 | .03 | .05 | .11 | .05 | .11 |
| compound: Risk Taking | 3 | 947 | .08 | .05 | .10 | .00 | .10 | .10 | .05 | .16 |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 7 | 3,826 | -.05 | .07 | -.06 | .08 | -.16 | .04 | -.12 | .00 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 1 | 269 | .28 | - | .36 | - | - | - | .24 | .47 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | 3 | 708 | .11 | .20 | .15 | .25 | -.17 | .47 | -.10 | .40 |
| compound: Independ. of Conventions and Others | 1 | 508 | .13 | - | .18 | - | - | - | .08 | .28 |
| compound: Creative Personality | 1 | 75 | .13 | - | .17 | - | - | - | -.08 | .42 |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | 2 | 439 | .03 | .04 | .04 | .00 | .04 | .04 | -.03 | .11 |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S95. Meta-analytic results describing personality traits' relations with compound: memory & processing speed.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | - | - | - | - | - | - | - | - | - | - |
| Withdrawal | 1 | 1,993 | -.05 | - | -.06 | - | - | - | -.10 | -.01 |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | - | - | - | - | - | - | - | - | - | - |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | - | - | - | - | - | - | - | - | - | - |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|--|---|-------|------|---|------|---|---|---|------|-----|
| Enthusiasm | 1 | 2,064 | .17 | - | .21 | - | - | - | .17 | .25 |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | - | - | - | - | - | - | - | - | - | - |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | 1 | 106 | -.14 | - | -.17 | - | - | - | -.37 | .02 |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | 1 | 107 | -.08 | - | -.10 | - | - | - | -.30 | .10 |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | 1 | 107 | -.02 | - | -.02 | - | - | - | -.22 | .18 |
| compound: Locus of Control | 1 | 2,042 | .03 | - | .04 | - | - | - | -.01 | .09 |
| compound: Optimism | 1 | 1,966 | .08 | - | .10 | - | - | - | .05 | .14 |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|------|---|------|---|---|---|------|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 1 | 108 | -.01 | - | -.01 | - | - | - | -.22 | .19 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S96. Meta-analytic results describing personality traits' relations with compound: memory & visual processing.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | 6 | 2,111 | -.04 | .03 | -.05 | .00 | -.05 | -.05 | -.08 | -.03 |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | 1 | 174 | -.09 | - | -.12 | - | - | - | -.29 | .04 |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | 2 | 569 | .02 | .04 | .02 | .00 | .02 | .02 | -.03 | .08 |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | 4 | 1,542 | .07 | .06 | .09 | .04 | .04 | .14 | .02 | .15 |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | 2 | 569 | -.05 | .07 | -.06 | .05 | -.13 | .00 | -.18 | .05 |
| Conscientiousness | 4 | 1,542 | -.08 | .05 | -.10 | .00 | -.10 | -.10 | -.16 | -.05 |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | 2 | 569 | .06 | .05 | .08 | .00 | .08 | .08 | .00 | .17 |
| Achievement | 2 | 1,418 | .10 | .04 | .13 | .00 | .13 | .13 | .08 | .19 |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 7 | 2,233 | .03 | .08 | .04 | .08 | -.06 | .14 | -.02 | .11 |

| | | | | | | | | | | |
|--|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | 2 | 569 | .05 | .03 | .07 | .00 | .07 | .07 | .02 | .11 |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | 2 | 569 | .14 | .01 | .18 | .00 | .18 | .18 | .17 | .19 |
| Openness | 6 | 2,110 | .14 | .09 | .19 | .09 | .07 | .30 | .11 | .26 |
| Experiencing | 2 | 569 | .11 | .02 | .15 | .00 | .15 | .15 | .11 | .18 |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | 1 | 298 | .20 | - | .28 | - | - | - | .15 | .40 |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|------|-----|------|-----|------|------|------|------|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | 2 | 569 | .01 | .04 | .01 | .00 | .01 | .01 | -.05 | .08 |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | 2 | 569 | .04 | .04 | .06 | .00 | .06 | .06 | .00 | .11 |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | 1 | 298 | -.25 | - | -.34 | - | - | - | -.47 | -.22 |
| compound: Cold Efficiency | 2 | 569 | -.04 | .01 | -.05 | .00 | -.05 | -.05 | -.06 | -.04 |
| compound: Rugged Individualism | 1 | 298 | .17 | - | .23 | - | - | - | .10 | .35 |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S97. Meta-analytic results describing personality traits’ relations with compound: proc. speed & reaction and decision speed.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | - | - | - | - | - | - | - | - | - | - |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | - | - | - | - | - | - | - | - | - | - |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | - | - | - | - | - | - | - | - | - | - |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | 1 | 229 | -.13 | - | -.17 | - | - | - | -.32 | -.03 |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | 1 | 229 | .04 | - | .05 | - | - | - | -.09 | .20 |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | 1 | 229 | .04 | - | .05 | - | - | - | -.09 | .19 |

| | | | | | | | | | | |
|--|---|-----|-----|---|-----|---|---|---|------|-----|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | - | - | - | - | - | - | - | - | - | - |
| Activity | 1 | 229 | .01 | - | .01 | - | - | - | -.14 | .15 |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | - | - | - | - | - | - | - | - | - | - |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | 1 | 229 | .15 | - | .20 | - | - | - | .06 | .34 |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|-----|---|-----|---|---|---|-----|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | 1 | 229 | .12 | - | .15 | - | - | - | .02 | .29 |
| compound: Risk Taking | 1 | 229 | .16 | - | .21 | - | - | - | .07 | .34 |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S98. Meta-analytic results describing personality traits’ relations with compound: processing speed & visual processing.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD</i> $\hat{\rho}$ | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | - | - | - | - | - | - | - | - | - | - |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | - | - | - | - | - | - | - | - | - | - |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | 1 | 113 | .04 | - | .05 | - | - | - | -.14 | .24 |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | - | - | - | - | - | - | - | - | - | - |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | - | - | - | - | - | - | - | - | - | - |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|-----|-----|---|-----|---|---|---|------|-----|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | 1 | 113 | .14 | - | .18 | - | - | - | -.01 | .37 |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | 1 | 113 | .17 | - | .21 | - | - | - | .02 | .40 |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

Table S99. Meta-analytic results describing personality traits’ relations with compound: psychomotor speed & visual processing.

| Personality Construct | Total <i>K</i> | Total <i>N</i> | Mean <i>r</i> | <i>SD_r</i> | $\hat{\rho}$ | <i>SD$\hat{\rho}$</i> | Lower 80 CV | Upper 80 CV | Lower 90 CI | Upper 90 CI |
|---------------------------|----------------|----------------|---------------|-----------------------|--------------|----------------------------------|----------------|----------------|----------------|----------------|
| Neuroticism | - | - | - | - | - | - | - | - | - | - |
| Withdrawal | - | - | - | - | - | - | - | - | - | - |
| Volatility | - | - | - | - | - | - | - | - | - | - |
| Negative Affect | - | - | - | - | - | - | - | - | - | - |
| Depression | - | - | - | - | - | - | - | - | - | - |
| Anxiety | - | - | - | - | - | - | - | - | - | - |
| Anxiety (Test) | - | - | - | - | - | - | - | - | - | - |
| Uneven Tempered | - | - | - | - | - | - | - | - | - | - |
| Suspiciousness | - | - | - | - | - | - | - | - | - | - |
| Agreeableness | - | - | - | - | - | - | - | - | - | - |
| Compassion | - | - | - | - | - | - | - | - | - | - |
| Politeness | - | - | - | - | - | - | - | - | - | - |
| Tender Mindedness | - | - | - | - | - | - | - | - | - | - |
| Nurturance | - | - | - | - | - | - | - | - | - | - |
| Cooperation | - | - | - | - | - | - | - | - | - | - |
| Lack of Aggression | - | - | - | - | - | - | - | - | - | - |
| Modesty | - | - | - | - | - | - | - | - | - | - |
| Non Manipulative | - | - | - | - | - | - | - | - | - | - |
| Conscientiousness | - | - | - | - | - | - | - | - | - | - |
| Industriousness | - | - | - | - | - | - | - | - | - | - |
| Orderliness | - | - | - | - | - | - | - | - | - | - |
| Achievement | - | - | - | - | - | - | - | - | - | - |
| Persistence | - | - | - | - | - | - | - | - | - | - |
| Dependability | - | - | - | - | - | - | - | - | - | - |
| Cautiousness | - | - | - | - | - | - | - | - | - | - |
| Order | - | - | - | - | - | - | - | - | - | - |
| Procrastination Avoidance | - | - | - | - | - | - | - | - | - | - |
| Extraversion | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|--|---|-----|------|---|------|---|---|---|------|-----|
| Enthusiasm | - | - | - | - | - | - | - | - | - | - |
| Assertiveness | - | - | - | - | - | - | - | - | - | - |
| Dominance | - | - | - | - | - | - | - | - | - | - |
| Activity | - | - | - | - | - | - | - | - | - | - |
| Positive Emotionality | - | - | - | - | - | - | - | - | - | - |
| Sociability | - | - | - | - | - | - | - | - | - | - |
| Sensation Seeking | - | - | - | - | - | - | - | - | - | - |
| Openness | - | - | - | - | - | - | - | - | - | - |
| Experiencing | - | - | - | - | - | - | - | - | - | - |
| Intellect | - | - | - | - | - | - | - | - | - | - |
| Need for Cognition | - | - | - | - | - | - | - | - | - | - |
| Ideas | - | - | - | - | - | - | - | - | - | - |
| Curiosity | - | - | - | - | - | - | - | - | - | - |
| Introspection | - | - | - | - | - | - | - | - | - | - |
| Fantasy | - | - | - | - | - | - | - | - | - | - |
| Aesthetics | - | - | - | - | - | - | - | - | - | - |
| Non Traditional | - | - | - | - | - | - | - | - | - | - |
| Variety Seeking | - | - | - | - | - | - | - | - | - | - |
| Factor Alpha | - | - | - | - | - | - | - | - | - | - |
| Factor Beta | - | - | - | - | - | - | - | - | - | - |
| General Factor of Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Interpersonal Sensitivity | - | - | - | - | - | - | - | - | - | - |
| compound: Achievement via Independence | - | - | - | - | - | - | - | - | - | - |
| compound: Innovation | - | - | - | - | - | - | - | - | - | - |
| compound: Type A | - | - | - | - | - | - | - | - | - | - |
| compound: Managerial Potential | - | - | - | - | - | - | - | - | - | - |
| compound: Narcissism | 1 | 138 | -.02 | - | -.02 | - | - | - | -.20 | .15 |
| compound: Self Esteem | - | - | - | - | - | - | - | - | - | - |
| compound: Locus of Control | - | - | - | - | - | - | - | - | - | - |
| compound: Optimism | - | - | - | - | - | - | - | - | - | - |
| compound: Routine Seeking | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| compound: Resourcefulness | - | - | - | - | - | - | - | - | - | - |
| compound: Machiavellianism | - | - | - | - | - | - | - | - | - | - |
| compound: Self Monitoring | - | - | - | - | - | - | - | - | - | - |
| compound: Customer Service | - | - | - | - | - | - | - | - | - | - |
| compound: Stress Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Trust | - | - | - | - | - | - | - | - | - | - |
| compound: Self Control | - | - | - | - | - | - | - | - | - | - |
| compound: Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Openness to Emotions | - | - | - | - | - | - | - | - | - | - |
| compound: Warmth | - | - | - | - | - | - | - | - | - | - |
| compound: Grandiosity and Intimidation | - | - | - | - | - | - | - | - | - | - |
| compound: Ambition | - | - | - | - | - | - | - | - | - | - |
| compound: Ambitious Risk Taking | - | - | - | - | - | - | - | - | - | - |
| compound: Restrained Expression | - | - | - | - | - | - | - | - | - | - |
| compound: Tolerance | - | - | - | - | - | - | - | - | - | - |
| compound: Independ. of Conventions and Others | - | - | - | - | - | - | - | - | - | - |
| compound: Creative Personality | - | - | - | - | - | - | - | - | - | - |
| compound: Judging-Perceiving | - | - | - | - | - | - | - | - | - | - |
| compound: Cold Efficiency | - | - | - | - | - | - | - | - | - | - |
| compound: Rugged Individualism | - | - | - | - | - | - | - | - | - | - |

Note. Total K = total number of independent effect sizes, Total N = total sample size, Mean r = sample size weighted mean correlation coefficient, SD_r = standard deviation of the observed correlation, $\hat{\rho}$ = mean correlation coefficient corrected for unreliability in both measures, $SD\hat{\rho}$ = standard deviation of the corrected correlation, Lower 80 CV = lower 80% credibility value, Upper 80 CV = upper 80% credibility value, Lower 90 CI = lower 90% confidence value, Upper 90 CI = upper 90% confidence value. Indentation of construct names denotes construct level with lower-level constructs being more indented. Compound traits share variance from multiple dimensions (e.g., compound: Warmth reflects extraversion and agreeableness). Ability and personality trait definitions can be found in tables 13.1 and 13.3 of Stanek and Ones (2018).

References

- Stanek, K. C., & Ones, D. S. (2018). Taxonomies and compendia of cognitive ability and personality constructs and measures relevant to industrial, work and organizational psychology. In D. S. Ones, C. Anderson, C. Viswesvaran, & H. K. Sinangil (Eds.), *The SAGE handbook of industrial, work & organizational psychology: Personnel psychology and employee performance* (pp. 366–407). Sage.