**Table 5**

*Deconstructed associations between gender-equality and men’s and women’s personality traits from multi-level models*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Femininity-Masculinity | | Neuroticism | | Extraversion | |
|  | Est. | *p* | Est. | *p* | Est. | *p* |
| *rx,Y1-Y2* | .34 | .019 | -.16 | .330 | -.48 | .002 |
| *q* | 0.43 |  | -0.13 |  | -0.37 |  |
| *q*b | 0.45 |  | -0.10 |  | -0.45 |  |
|  |  |  |  |  |  |  |
| *SD*Y1 | 0.18 |  | 0.15 |  | 0.14 |  |
| *SD*Y2 | 0.17 |  | 0.16 |  | 0.11 |  |
| Difference |  | .820 |  | .463 |  | .022 |
| VR | 1.07 |  | 0.87 |  | 1.76 |  |
|  |  |  |  |  |  |  |
| *rY1,Y2* | .37 |  | .82 |  | .66 |  |
| *SD*Y1–Y2 | 0.20 |  | 0.09 |  | 0.11 |  |
|  |  |  |  |  |  |  |
| *rx,Y1* | .52 |  | -.38 |  | -.39 |  |
| b11 | 0.53 | <.001 | -0.36 | .009 | -0.45 | .006 |
| *rx,Y2* | .15 |  | -.26 |  | -.04 |  |
| b21 | 0.14 | .328 | -0.27 | .079 | -0.04 | .784 |
|  |  |  |  |  |  |  |
| Cross-over point | <.001 |  | <.001 |  | .010 |  |
| Y1–Y2 reliability | .97 |  | .92 |  | .95 |  |
| Type | B |  | - |  | B |  |

*Note.* All estimates derived with multi-level model estimates. See Table S4 for corresponding results from country-level path model. X = Global Gender Gap Index. Y1 = Men’s mean-level. Y2 = Women’s mean-level. *rX,Y1–Y2* = Difference score correlation. *q* = Cohen’s *q* calculated from transformed *rX,Y1* and *rX,Y2*. *q*b = Cohen’s *q* calculated from transformed *b11* and *b21*. VR = Variance ratio. *rY1,Y2* = correlation between mean-levels across countries.

**Table 6**

*Deconstructed associations between gender-equality and men’s and women’s personality traits from multi-level models*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Openness to Experience | | Agreeableness | | Conscientiousness | |
|  | Est. | *p* | Est. | *p* | Est. | *p* |
| *rx,Y1-Y2* | -.09 | .574 | -.17 | .259 | -.41 | .007 |
| *q* | 0.10 |  | -0.08 |  | -0.33 |  |
| *q*b | -0.04 |  | -0.13 |  | -0.33 |  |
|  |  |  |  |  |  |  |
| *SD*Y1 | 0.20 |  | 0.15 |  | 0.14 |  |
| *SD*Y2 | 0.26 |  | 0.19 |  | 0.14 |  |
| Difference |  | <.001 |  | .048 |  | - |
| VR | 0.62 |  | 0.67 |  | - |  |
|  |  |  |  |  |  |  |
| *rY1,Y2* | .96 |  | .75 |  | .74 |  |
| *SD*Y1–Y2 | 0.08 |  | 0.12 |  | 0.10 |  |
|  |  |  |  |  |  |  |
| *rx,Y1* | .50 |  | .22 |  | -.43 |  |
| b11 | 0.43 | <.001 | 0.19 | .133 | -0.43 | .003 |
| *rx,Y2* | .42 |  | .30 |  | -.13 |  |
| b21 | 0.46 | .002 | 0.32 | .040 | -0.13 | .354 |
|  |  |  |  |  |  |  |
| Cross-over point | <.001 |  | <.001 |  | .260 |  |
| Y1–Y2 reliability | .93 |  | .93 |  | .97 |  |
| Type | - |  | - |  | B |  |

*Note.* All estimates derived with multi-level model estimates. See Table S5 for corresponding results from country-level path model. X = Global Gender Gap Index. Y1 = Men’s mean-level. Y2 = Women’s mean-level. *rX,Y1–Y2* = Difference score correlation. *q* = Cohen’s *q* calculated from transformed *rX,Y1* and *rX,Y2*. *q*b = Cohen’s *q* calculated from transformed *b11* and *b21*. VR = Variance ratio. *rY1,Y2* = correlation between mean-levels across countries.

**Table S4**

*Deconstructed associations between gender-equality and men’s and women’s personality traits from country-level path models*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Femininity-Masculinity | | Neuroticism | | Extraversion | |
|  | Est. | *p* | Est. | *p* | Est. | *p* |
| *rx,Y1-Y2* | .33 | .009 | -.11 | .249 | -.41 | <.001 |
| *q* | 0.41 |  | -0.07 |  | -0.36 |  |
| *q*b | 0.43 |  | -0.08 |  | -0.42 |  |
|  |  |  |  |  |  |  |
| *SD*Y1 | 0.18 |  | 0.16 |  | 0.15 |  |
| *SD*Y2 | 0.17 |  | 0.16 |  | 0.11 |  |
| Difference |  | .779 |  | .953 |  | .041 |
| VR | 1.08 |  | 1.01 |  | 1.68 |  |
|  |  |  |  |  |  |  |
| *rY1,Y2* | .36 |  | .79 |  | .56 |  |
| *SD*Y1–Y2 | 0.20 |  | 0.10 |  | 0.12 |  |
|  |  |  |  |  |  |  |
| *rx,Y1* | .51 |  | -.32 |  | -.38 |  |
| b11 | 0.52 | <.001 | -0.32 | .004 | -0.43 | .004 |
| *rx,Y2* | .15 |  | -.25 |  | -.04 |  |
| b21 | 0.15 | .253 | -0.25 | .059 | -0.03 | .786 |
|  |  |  |  |  |  |  |
| Cross-over point | <.001 |  | <.001 |  | .007 |  |
| Y1–Y2 reliability | - |  | - |  | - |  |
| Type | B |  | - |  | B |  |

*Note.* All estimates derived with country-level path models. See Table 3 for corresponding results from multi-level models. X = Global Gender Gap Index. Y1 = Men’s mean-level. Y2 = Women’s mean-level. *rX,Y1–Y2* = Difference score correlation. *q* = Cohen’s *q* calculated from transformed *rX,Y1* and *rX,Y2*. *q*b = Cohen’s *q* calculated from transformed *b11* and *b21*. VR = Variance ratio. *rY1,Y2* = correlation between mean-levels across countries.

**Table S5**

*Deconstructed associations between gender-equality and men’s and women’s personality traits from country-level path models*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Openness to Experience | | Agreeableness | | Conscientiousness | |
|  | Est. | *p* | Est. | *p* | Est. | *p* |
| *rx,Y1-Y2* | -.06 | .553 | -.17 | .287 | -.38 | .004 |
| *q* | 0.08 |  | -0.10 |  | -0.32 |  |
| *q*b | -0.03 |  | -0.13 |  | -0.33 |  |
|  |  |  |  |  |  |  |
| *SD*Y1 | 0.23 |  | 0.17 |  | 0.15 |  |
| *SD*Y2 | 0.28 |  | 0.20 |  | 0.15 |  |
| Difference |  | <.001 |  | .214 |  | .676 |
| VR | 0.63 |  | 0.76 |  | 1.08 |  |
|  |  |  |  |  |  |  |
| *rY1,Y2* | .95 |  | .74 |  | .69 |  |
| *SD*Y1–Y2 | 0.10 |  | 0.13 |  | 0.12 |  |
|  |  |  |  |  |  |  |
| *rx,Y1* | .43 |  | .17 |  | -.42 |  |
| b11 | 0.38 | <.001 | 0.15 | .321 | -0.43 | <.001 |
| *rx,Y2* | .36 |  | .26 |  | -.13 |  |
| b21 | 0.40 | <.001 | 0.28 | .101 | -0.13 | .328 |
|  |  |  |  |  |  |  |
| Cross-over point | <.001 |  | <.001 |  | .264 |  |
| Y1–Y2 reliability | - |  | - |  | - |  |
| Type | - |  | - |  | B |  |

*Note.* All estimates derived with country-level path models. See Table 4 for corresponding results from multi-level models. X = Global Gender Gap Index. Y1 = Men’s mean-level. Y2 = Women’s mean-level. *rX,Y1–Y2* = Difference score correlation. *q* = Cohen’s *q* calculated from transformed *rX,Y1* and *rX,Y2*. *q*b = Cohen’s *q* calculated from transformed *b11* and *b21*. VR = Variance ratio. *rY1,Y2* = correlation between mean-levels across countries.