Table 1. *Summary of structural validity analyses.*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Full scale | Split scales | Internal consistency | Test-retest reliability | Confirmatory factor structure | Measurement invariance | Overall measure evaluation |
| Balanced Inventory of Desirable Responding | | Good | - | Mixed | Poor | Questionable |
|  | Impression Management | Good | Good | Mixed | Poor | Questionable |
|  | Self Deception | Good | Good | Poor | Poor | Questionable |
| Bayesian Racism | | Good | Good | Good | Good | Good |
| Belief in a Just World (General Just World) | | Good | Good | Good | Poor | Questionable |
| Big 5 Inventory | | Good | - | Mixed | Good | Good |
|  | Agreeableness & Openness | Good | Good | Mixed | Good | Good |
|  | Extroversion, Conscientiousness & Neuroticism | Good | Good | Poor | Poor | Questionable |
| Humanitarianism-Egalitarianism | | Good | Good | Good | Good | Good |
| Intuitions about Controllability & Awareness of Thoughts | | Good | - | Poor | Good | Questionable |
|  | Others | Good | Good | Poor | Poor | Questionable |
|  | Self | Good | Good | Poor | Poor | Questionable |
| Need for Cognition | | Good | Good | Good | Good | Good |
| Need for Cognitive Closure | | Good | - | Mixed | Good | Good |
|  | Order & Ambiguity | Good | Good | Mixed | Good | Good |
|  | Predictability, Decisiveness & Close-Mindedness | Good | Good | Poor | Poor | Questionable |
| Personal Need for Structure | | Good | Good | Mixed | Good | Good |
| Protestant Ethic | | Good | Good | Mixed | Good | Good |
| Ring-Wing Authoritarianism | | Good | Good | Mixed | Good | Good |
| Rosenberg Self-Esteem | | Good | Good | Good | Good | Good |
| Self-Monitoring | | Good | Good | Poor | Poor | Questionable |
| Social Dominance Orientation | | Good | Good | Poor | Poor | Questionable |
| Spheres of Control | | Good | - | Mixed | Poor | Questionable |
|  | Interpersonal Control | Good | Good | Good | Good | Good |
|  | Personal Efficacy | Poor | Good | Poor | Poor | Questionable |
| *Summary* | *Full scales* | 100% | 100% | 80% | 67% | 60% |
|  | *Split scales* | 90% | 100% | 40% | 30% | 30% |
| *Notes:* Good internal consistency refers to McDonald’s (1999) ω*t* ≥ 0.7; good dependability refers to 1-hour test-retest *r* ≥ 0.7; good stability refers to test-retest with follow up between 1 day and 1 year *r* ≥ 0.7; good confirmatory model fit refers to meeting all of CFI ≥ .95, TLI ≥ .95, RMSEA ≤ .06, and SRMR ≤ .09, mixed confirmatory model fit refers to meeting SRMR ≤ .09 and any one of CFI ≥ .95, TLI ≥ .95, or RMSEA ≤ .06; see Hu & Bentler, 1999), and poor fit refers to meeting neither of these; good measurement invariance refers to meeting configural invariance (using same criteria as mixed CFA fit), metric invariance and scalar invariance (for each, meeting both ΔCFI ≥ -.15 and ΔRMSEA ≤ .01; see Chen, 2007) for both median age and gender; good overall measure evaluation refers to having no poor fits on any of these metrics. | | | | | | |

Table 2. *Results of structural validity analyses.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  | Internal consistency | | | | | | | | |
|  |  |  |  |  |  | 95% CI | |  | 95% CI | |  | 95% CI | |
| Scale | | Total *n* | Factors | Items | α | Lower | Upper | ω*t* | Lower | Upper | ω*h* | Lower | Upper |
| Balanced Inventory of Desirable Responding | | 456 | 2 | 36 | 0.84 | 0.82 | 0.86 | 0.85 | 0.83 | 0.87 | 0.86 | 0.84 | 0.88 |
|  | Impression Management | 6934 | 1 | 18 | 0.80 | 0.79 | 0.80 | 0.80 | 0.79 | 0.81 | 0.80 | 0.79 | 0.80 |
|  | Self Deception | 6713 | 1 | 18 | 0.70 | 0.69 | 0.72 | 0.71 | 0.70 | 0.72 | 0.71 | 0.70 | 0.72 |
| Bayesian Racism | | 6532 | 1 | 16 | 0.82 | 0.82 | 0.83 | 0.83 | 0.82 | 0.83 | 0.82 | 0.81 | 0.83 |
| Belief in a Just World (General Just World) | | 6758 | 1 | 6 | 0.75 | 0.74 | 0.76 | 0.76 | 0.75 | 0.87 | 0.76 | 0.75 | 0.77 |
| Big 5 Inventory | | 397 | 5 | 44 | 0.76 | 0.73 | 0.79 | 0.84 | 0.82 | 0.86 | 0.86 | 0.83 | 0.88 |
|  | Agreeableness & Openness | 6713 | 2 | 19 | 0.77 | 0.76 | 0.78 | 0.81 | 0.80 | 0.81 | 0.81 | 0.80 | 0.81 |
|  | Extroversion, Conscientiousness & Neuroticism | 6649 | 3 | 25 | 0.68 | 0.67 | 0.69 | 0.79 | 0.79 | 0.80 | 0.80 | 0.79 | 0.81 |
| Humanitarianism-Egalitarianism | | 6906 | 1 | 10 | 0.84 | 0.83 | 0.85 | 0.84 | 0.83 | 0.85 | 0.83 | 0.82 | 0.84 |
| Intuitions about Controllability & Awareness of Thoughts | | 446 | 2 | 18 | 0.89 | 0.87 | 0.90 | 0.89 | 0.87 | 0.91 | 0.89 | 0.87 | 0.90 |
|  | Others | 6711 | 1 | 9 | 0.75 | 0.74 | 0.76 | 0.75 | 0.74 | 0.76 | 0.74 | 0.73 | 0.75 |
|  | Self | 6830 | 1 | 9 | 0.80 | 0.79 | 0.80 | 0.80 | 0.79 | 0.81 | 0.80 | 0.79 | 0.81 |
| Need for Cognition | | 6649 | 1 | 18 | 0.89 | 0.88 | 0.89 | 0.89 | 0.88 | 0.89 | 0.89 | 0.88 | 0.89 |
| Need for Cognitive Closure | | 410 | 5 | 42 | 0.84 | 0.81 | 0.86 | 0.87 | 0.84 | 0.89 | 0.85 | 0.80 | 0.88 |
|  | Order & Ambiguity | 6585 | 2 | 19 | 0.78 | 0.77 | 0.79 | 0.80 | 0.79 | 0.81 | 0.80 | 0.79 | 0.81 |
|  | Predictability, Decisiveness & Close-Mindedness | 6559 | 3 | 23 | 0.75 | 0.73 | 0.75 | 0.80 | 0.79 | 0.81 | 0.78 | 0.76 | 0.79 |
| Personal Need for Structure | | 6821 | 1 | 12 | 0.86 | 0.86 | 0.87 | 0.86 | 0.86 | 0.87 | 0.86 | 0.85 | 0.86 |
| Protestant Ethic | | 6859 | 1 | 11 | 0.79 | 0.78 | 0.80 | 0.79 | 0.78 | 0.80 | 0.78 | 0.77 | 0.79 |
| Ring-Wing Authoritarianism | | 6542 | 1 | 20 | 0.92 | 0.92 | 0.92 | 0.92 | 0.92 | 0.92 | 0.91 | 0.91 | 0.91 |
| Rosenberg Self-Esteem | | 6971 | 1 | 10 | 0.89 | 0.89 | 0.89 | 0.90 | 0.89 | 0.90 | 0.89 | 0.88 | 0.89 |
| Self-Monitoring | | 6623 | 1 | 18 | 0.76 | 0.75 | 0.77 | 0.76 | 0.75 | 0.77 | 0.74 | 0.72 | 0.75 |
| Social Dominance Orientation | | 6854 | 1 | 12 | 0.83 | 0.82 | 0.84 | 0.83 | 0.82 | 0.85 | 0.82 | 0.81 | 0.83 |
| Spheres of Control | | 402 | 2 | 20 | 0.78 | 0.75 | 0.81 | 0.80 | 0.77 | 0.83 | 0.80 | 0.75 | 0.82 |
|  | Interpersonal Control | 6785 | 1 | 10 | 0.78 | 0.78 | 0.79 | 0.79 | 0.78 | 0.79 | 0.78 | 0.77 | 0.79 |
|  | Personal Efficacy | 6899 | 1 | 10 | 0.64 | 0.63 | 0.65 | 0.64 | 0.62 | 0.65 | 0.62 | 0.61 | 0.64 |
| *Notes:* Total *n* refers to the total number of participants with data available for internal consistency, distribution, confirmatory factor structure and measurement invariance analyses; Factors refers to the expected number of factors based on the original publication. | | | | | | | | | | | | | |

Table 2 (continued)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Distribution | | | | Test-Retest Dependability | | | | Test-Retest Stability | | | |
|  |  |  | | | |  | | 95% CI | |  | | 95% CI | |
| Scale | | *M* | *SD* | Skew | Kurtosis | *n* | *r* | Lower | Upper | *n* | *r* | Lower | Upper |
| Balanced Inventory of Desirable Responding | | 120.36 | 20.90 | -0.03 | 2.76 | - | - | - | - | - | - | - | - |
|  | Impression Management | 58.61 | 13.38 | 0.01 | 2.99 | 149 | 0.90 | 0.85 | 0.93 | 158 | 0.76 | 0.67 | 0.83 |
|  | Self Deception | 63.38 | 10.25 | 0.06 | 3.22 | 173 | 0.89 | 0.83 | 0.93 | 132 | 0.76 | 0.66 | 0.83 |
| Bayesian Racism | | 41.09 | 13.16 | 0.40 | 2.91 | 136 | 0.83 | 0.73 | 0.90 | 154 | 0.88 | 0.83 | 0.92 |
| Belief in a Just World (General Just World) | | 19.05 | 5.64 | 0.07 | 2.67 | 170 | 0.87 | 0.81 | 0.92 | 150 | 0.74 | 0.65 | 0.81 |
| Big 5 Inventory | | 182.83 | 17.10 | 0.09 | 2.68 | - | - | - | - | - | - | - | - |
|  | Agreeableness & Openness | 85.99 | 10.49 | -0.23 | 3.09 | 158 | 0.93 | 0.89 | 0.96 | 154 | 0.86 | 0.81 | 0.9 |
|  | Extroversion, Conscientiousness & Neuroticism | 96.70 | 11.64 | -0.10 | 3.15 | 144 | 0.94 | 0.91 | 0.96 | 124 | 0.87 | 0.75 | 0.94 |
| Humanitarianism-Egalitarianism | | 50.69 | 7.02 | -1.20 | 5.14 | 131 | 0.91 | 0.84 | 0.95 | 149 | 0.84 | 0.76 | 0.9 |
| Intuitions about Controllability & Awareness of Thoughts | | 51.45 | 13.88 | 0.02 | 2.97 | - | - | - | - | - | - | - | - |
|  | Others | 23.81 | 6.74 | 0.29 | 3.23 | 158 | 0.75 | 0.64 | 0.84 | 127 | 0.76 | 0.67 | 0.83 |
|  | Self | 30.22 | 7.86 | 0.16 | 2.99 | 195 | 0.86 | 0.79 | 0.9 | 143 | 0.78 | 0.69 | 0.85 |
| Need for Cognition | | 80.91 | 13.80 | -0.44 | 2.98 | 147 | 0.85 | 0.75 | 0.91 | 133 | 0.86 | 0.8 | 0.9 |
| Need for Cognitive Closure | | 135.20 | 19.32 | -0.12 | 3.41 | - | - | - | - | - | - | - | - |
|  | Order & Ambiguity | 76.93 | 12.33 | -0.02 | 3.35 | 119 | 0.89 | 0.80 | 0.95 | 120 | 0.83 | 0.75 | 0.88 |
|  | Predictability, Decisiveness & Close-Mindedness | 60.93 | 10.36 | -0.16 | 2.94 | 129 | 0.91 | 0.85 | 0.94 | 150 | 0.86 | 0.82 | 0.9 |
| Personal Need for Structure | | 42.10 | 10.15 | -0.06 | 2.82 | 149 | 0.88 | 0.83 | 0.92 | 141 | 0.81 | 0.71 | 0.88 |
| Protestant Ethic | | 41.06 | 8.69 | -0.18 | 3.05 | 163 | 0.92 | 0.88 | 0.94 | 158 | 0.85 | 0.8 | 0.89 |
| Ring-Wing Authoritarianism | | 51.30 | 18.84 | 0.48 | 2.45 | 116 | 0.96 | 0.92 | 0.98 | 163 | 0.94 | 0.92 | 0.96 |
| Rosenberg Self-Esteem | | 46.91 | 9.55 | -0.80 | 3.35 | 160 | 0.95 | 0.92 | 0.96 | 156 | 0.9 | 0.86 | 0.93 |
| Self-Monitoring | | 63.18 | 12.20 | 0.03 | 2.85 | 140 | 0.91 | 0.86 | 0.95 | 157 | 0.87 | 0.82 | 0.91 |
| Social Dominance Orientation | | 25.58 | 9.85 | 0.71 | 2.98 | 161 | 0.91 | 0.86 | 0.94 | 149 | 0.84 | 0.77 | 0.88 |
| Spheres of Control | | 83.74 | 11.06 | -0.28 | 3.04 | - | - | - | - | - | - | - | - |
|  | Interpersonal Control | 38.22 | 7.49 | -0.41 | 3.03 | 127 | 0.90 | 0.84 | 0.94 | 138 | 0.81 | 0.73 | 0.87 |
|  | Personal Efficacy | 45.41 | 6.12 | -0.32 | 3.11 | 164 | 0.83 | 0.71 | 0.91 | 152 | 0.81 | 0.74 | 0.86 |
| *Notes: r* refers to Pearson’s *r* correlations between time points. | | | | | | | | | | | | | |

Table 2 (continued)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Confirmatory Factor Structure | | | | | | | | | | Measurement Invariance | | | |
|  |  |  |  |  |  |  |  | 95% CI | |  |  |  | | | |
| Scale | | χ2 | χ2/*df* | *df* | CFI | TLI | RMSEA | Lower | Upper | SRMR | Fit | Median Age | Failed | Gender | Failed |
| Balanced Inventory of Desirable Responding | | 1048 | 1.8 | 593 | 0.93 | 0.92 | 0.04 | 0.04 | 0.05 | 0.06 | Mixed | Poor | M | Poor | M |
|  | Impression Management | 1834 | 13.6 | 135 | 0.95 | 0.94 | 0.04 | 0.04 | 0.04 | 0.04 | Mixed | Good |  | Poor | S |
|  | Self Deception | 3743 | 27.7 | 135 | 0.82 | 0.80 | 0.06 | 0.06 | 0.07 | 0.06 | Poor | Poor | C | Poor | C |
| Bayesian Racism | | 1667 | 16.0 | 104 | 0.97 | 0.96 | 0.05 | 0.05 | 0.05 | 0.05 | Good | Good |  | Good |  |
| Belief in a Just World (General Just World) | | 153 | 17.0 | 9 | 0.99 | 0.98 | 0.05 | 0.04 | 0.06 | 0.03 | Good | Poor | S | Good |  |
| Big 5 Inventory | | 2037 | 2.3 | 892 | 0.91 | 0.90 | 0.06 | 0.05 | 0.06 | 0.07 | Mixed | Good |  | Good |  |
|  | Agreeableness & Openness | 2971 | 19.7 | 151 | 0.93 | 0.93 | 0.05 | 0.05 | 0.05 | 0.05 | Mixed | Good |  | Good |  |
|  | Extroversion, Conscientiousness & Neuroticism | 9917 | 36.5 | 272 | 0.91 | 0.90 | 0.07 | 0.07 | 0.07 | 0.07 | Poor | Poor | C | Poor | C |
| Humanitarianism-Egalitarianism | | 485 | 13.9 | 35 | 0.98 | 0.97 | 0.04 | 0.04 | 0.05 | 0.05 | Good | Good |  | Good |  |
| Intuitions about Controllability & Awareness of Thoughts | | 451 | 3.4 | 134 | 0.94 | 0.94 | 0.07 | 0.07 | 0.08 | 0.08 | Poor | Good |  | Good |  |
|  | Others | 1378 | 51.0 | 27 | 0.90 | 0.87 | 0.09 | 0.08 | 0.09 | 0.07 | Poor | Poor | C | Poor | C |
|  | Self | 1509 | 55.9 | 27 | 0.93 | 0.91 | 0.09 | 0.09 | 0.09 | 0.07 | Poor | Poor | C | Poor | C |
| Need for Cognition | | 1959 | 14.5 | 135 | 0.98 | 0.98 | 0.05 | 0.04 | 0.05 | 0.04 | Good | Good |  | Good |  |
| Need for Cognitive Closure | | 1584 | 2.4 | 655 | 0.90 | 0.89 | 0.06 | 0.06 | 0.06 | 0.08 | Mixed | Good |  | Good |  |
|  | Order & Ambiguity | 1556 | 17.5 | 89 | 0.95 | 0.95 | 0.05 | 0.05 | 0.05 | 0.05 | Mixed | Good |  | Good |  |
|  | Predictability, Decisiveness & Close-Mindedness | 7027 | 31.0 | 227 | 0.88 | 0.87 | 0.07 | 0.07 | 0.07 | 0.07 | Poor | Poor | C | Poor | C |
| Personal Need for Structure | | 1472 | 27.3 | 54 | 0.97 | 0.96 | 0.06 | 0.06 | 0.07 | 0.06 | Mixed | Good |  | Good |  |
| Protestant Ethic | | 1244 | 28.3 | 44 | 0.95 | 0.94 | 0.06 | 0.06 | 0.07 | 0.06 | Mixed | Good |  | Good |  |
| Ring-Wing Authoritarianism | | 6647 | 39.1 | 170 | 0.96 | 0.95 | 0.08 | 0.08 | 0.08 | 0.08 | Mixed | Good |  | Good |  |
| Rosenberg Self-Esteem | | 875 | 25.0 | 35 | 0.98 | 0.98 | 0.06 | 0.06 | 0.06 | 0.06 | Good | Good |  | Good |  |
| Self-Monitoring | | 11631 | 86.2 | 135 | 0.69 | 0.65 | 0.11 | 0.11 | 0.12 | 0.10 | Poor | Poor | C | Poor | C |
| Social Dominance Orientation | | 1785 | 33.1 | 54 | 0.95 | 0.93 | 0.07 | 0.07 | 0.07 | 0.06 | Poor | Poor | C | Poor | C |
| Spheres of Control | | 289 | 1.9 | 151 | 0.93 | 0.92 | 0.05 | 0.04 | 0.06 | 0.07 | Mixed | Poor | M | Poor | M |
|  | Interpersonal Control | 669 | 24.8 | 27 | 0.96 | 0.95 | 0.06 | 0.06 | 0.06 | 0.05 | Good | Good |  | Good |  |
|  | Personal Efficacy | 1490 | 42.6 | 35 | 0.84 | 0.79 | 0.08 | 0.07 | 0.08 | 0.07 | Poor | Poor | C | Poor | C |
| *Notes:* All χ2 tests demonstrated *p* values < .001;good confirmatory model fit refers to meeting all of CFI ≥ .95, TLI ≥ .95, RMSEA ≤ .06, and SRMR ≤ .09, mixed fit refers to meeting SRMR ≤ .09 and any one of CFI ≥ .95, TLI ≥ .95, or RMSEA ≤ .06; see Hu & Bentler, 1999), and poor fit refers to meeting neither of these; good measurement invariance refers to meeting configural invariance (using same criteria as mixed CFA fit), metric invariance and scalar invariance (for each, meeting both ΔCFI ≥ -.15 and ΔRMSEA ≤ .01; see Chen, 2007); Failed refers to the first test of measurement invariance failed when conducted in the order configural (C), metric (M), and then scalar (S). | | | | | | | | | | | | | | | |