Supplementary Table A

Factor Loadings of Indicator Variables onto First-Order Factors.

|  |  |  |
| --- | --- | --- |
| Item | Unstandardized Factor Loading  | Standardized Factor Loading |
| **Moral Injury-Other** |  |  |
| *MI-Other Appraisals* | *1.00* | *0.59* |
| I am troubled by morally wrong things done by other people | 1.00 | 0.87 |
| I am troubled because I saw other people do things that were morally wrong | 1.07 | 0.93 |
| I am troubled because I heard about other people doing things that were morally wrong | 1.09 | 0.95 |
| I am troubled because other people have acted against important moral rules | 1.09 | 0.94 |
|  |  |  |
| *MI-Other Betrayal* | *1.47* | *0.93* |
| I feel betrayed by people I trusted | 1.00 | 0.79 |
| I am troubled because people I trusted failed me | 1.16 | 0.92 |
| I am troubled because people I trusted didn’t help me when I needed it | 1.16 | 0.91 |
| I am troubled because people I trusted acted in ways that harmed me | 1.21 | 0.96 |
| I am troubled because people I trusted failed to protect me | 1.14 | 0.90 |
| **Moral Injury-Self** |  |  |
| *MI-Self Appraisals* | *1.00* | *0.92* |
| I am troubled because I did things that were morally wrong | 1.00 | 0.88 |
| I am troubled because I acted against important moral rules | 1.08 | 0.96 |
| I am troubled by morally wrong things I have done | 1.10 | 0.97 |
| I violated my own morals by failing to do something I should have done | 0.99 | 0.88 |
| I am troubled because I acted in ways that violated my own moral code or values | 1.07 | 0.95 |
| *MI-Self Betrayal* | *0.97* | *0.86* |
| I am troubled because I failed people who trusted me | 1.00 | 0.92 |
| I am troubled because I didn’t help people who trusted me | 1.02 | 0.94 |
| I am troubled because I acted in ways that harmed people who trusted me | 1.05 | 0.96 |
| I am troubled because I failed to protect people who trusted me | 1.04 | 0.96 |
|  |  |  |

Supplementary Table B. Associations between covariates and T1 variables in structural equation model

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | B (SE) | Standardized estimate | T | p |
|  |  |  |  |  |  |
| Age 🡪 | T1 MI-Other | 0.01 (0.01) | 0.11 | 3.06 | 0.002 |
| Age 🡪 | T1 MI-Self | 0.02 (0.02) | 0.02 | 0.87 | 387 |
| Age 🡪 | T1 Re-experiencing | 0.01 (0.01) | 0.04 | 1.72 | 0.085 |
| Age 🡪 | T1 Arousal | 0.01 (0.02) | 0.05 | 1.89 | 0.059 |
| Age 🡪 | T1 Sadness | -0.01 (0.01) | -0.01 | -0.96 | 0.339 |
| Age 🡪 | T1 Anger | -0.01 (0.01) | -0.01 | -0.38 | 0.706 |
| Age 🡪 | T1 Shame | -0.01 (0.01) | -0.07 | -2.38 | 0.017 |
|  |  |  |  |  |  |
| Gender 🡪 | T1 MI-Other | 0.07 (0.04) | 0.06 | 1.77 | 0.077 |
| Gender 🡪 | T1 MI-Self | 0.04 (0.05) | 0.02 | 0.78 | 437 |
| Gender 🡪 | T1 Re-experiencing | 0.13 (0.04) | 0.08 | 3.07 | 0.002 |
| Gender 🡪 | T1 Arousal | 0.13 (0.04) | 0.08 | 3.22 | 0.001 |
| Gender 🡪 | T1 Sadness | 0.06 (0.05) | 0.05 | 3.37 | 0.170 |
| Gender 🡪 | T1 Anger | 0.13 (0.04) | 0.08 | 3.06 | 0.002 |
| Gender 🡪 | T1 Shame | -0.02 (0.05) | -0.01 | 0.76 | 0.009 |
|  |  |  |  |  |  |
| Time in Australia 🡪 | T1 MI-Other | -0.01 (0.02) | -0.01 | -0.38 | 0.704 |
| Time in Australia 🡪 | T1 MI-Self | 0.01 (0.02) | 0.04 | 0.48 | 0.628 |
| Time in Australia 🡪 | T1 Re-experiencing | 0.17 (0.08) | 0.07 | 2.00 | 0.046 |
| Time in Australia 🡪 | T1 Arousal | 0.01 (0.02) | 0.02 | 0.68 | 0.494 |
| Time in Australia 🡪 | T1 Sadness | 0.01 (0.02) | 0.08 | 0.15 | 0.883 |
| Time in Australia 🡪 | T1 Anger | 0.01 (0.02) | 0.02 | 0.61 | 0.42 |
| Time in Australia 🡪 | T1 Shame | 0.04 (0.01) | 0.09 | 5.87 | <.001 |
|  |  |  |  |  |  |
| Farsi language 🡪 | T1 MI-Other | 0.13 (0.07) | 0.09 | 1.98 | 0.048 |
| Farsi language 🡪 | T1 MI-Self | 0.70 (0.09) | 0.31 | 7.58 | <.001 |
| Farsi language 🡪 | T1 Re-experiencing | -0.26 (0.07) | -0.12 | -3.74 | <.001 |
| Farsi language 🡪 | T1 Arousal | -0.15 (0.07) | -0.07 | -2.18 | 0.030 |
| Farsi language 🡪 | T1 Sadness | 0.18 (0.08) | 0.08 | 2.37 | 0.018 |
| Farsi language 🡪 | T1 Anger | -0.02 (0.07) | -0.01 | -0.27 | 0.785 |
| Farsi language 🡪 | T1 Shame | -0.46 (0.10) | -0.20 | -4.45 | <.001 |
|  |  |  |  |  |  |
| Tamil language 🡪 | T1 MI-Other | 0.03 (0.10) | 0.01 | 0.32 | 0.751 |
| Tamil language 🡪 | T1 MI-Self | -0.03 (0.14) | -0.01 | -0.21 | 0.836 |
| Tamil language 🡪 | T1 Re-experiencing | -0.09 (0.11) | -0.02 | -0.81 | 0.418 |
| Tamil language 🡪 | T1 Arousal | -0.13 (0.11) | -0.03 | -1.12 | 0.261 |
| Tamil language 🡪 | T1 Sadness | 0.24 (0.12) | 0.06 | 2.03 | 0.042 |
| Tamil language 🡪 | T1 Anger | -0.09 (0.11) | -0.03 | -0.80 | 0.425 |
| Tamil language 🡪 | T1 Shame | -0.34 (0.15) | -0.08 | -2.28 | 0.023 |
|  |  |  |  |  |  |
| English language 🡪 | T1 MI-Other | -0.23 (0.10) | -0.12 | -3.24 | 0.001 |
| English language 🡪 | T1 MI-Self | -0.12 (0.09) | -0.04 | -1.31 | 0.191 |
| English language 🡪 | T1 Re-experiencing | -0.01 (0.07) | -0.01 | -0.16 | 0.876 |
| English language 🡪 | T1 Arousal | -0.08 (0.08) | -0.03 | -1.04 | 0.297 |
| English language 🡪 | T1 Sadness | -0.01 (0.08) | -0.04 | 0.051 | 0.960 |
| English language 🡪 | T1 Anger | -0.17 (0.08) | -0.07 | -2301 | 0.022 |
| English language 🡪 | T1 Shame | -0.31 (0.11) | -0.10 | -2.91 | 0.004 |