Supplementary Table 1

*Means and Standard Deviations for Outcome Variables across Assessment Points*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | Time 1 | Time 2 | Time 3 | Time 4 |
|  | *n* | *M* | *SD* | *n* | *M* | *SD* | *n* | *M* | *SD* | *n* | *M* | *SD* |
| CAPS | 149 | 53.66 | 31.70 | 122 | 38.65 | 32.56 | 118 | 29.00 | 30.73 | 123 | 24.97 | 31.05 |
| PCL | 148 | 51.17 | 17.63 | 118 | 42.55 | 16.92 | 117 | 38.10 | 17.23 | 120 | 35.15 | 16.88 |
| QRI-Conflict | 141 | 2.03 | 0.76 | 118 | 1.90 | 0.66 | 115 | 1.89 | 0.76 | 119 | 1.91 | 0.70 |
| QRI-Support | 142 | 3.13 | 0.70 | 117 | 3.02 | 0.74 | 115 | 3.00 | 0.84 | 117 | 2.96 | 0.84 |
| QRI-Depth | 141 | 3.13 | 0.72 | 118 | 3.00 | 0.76 | 115 | 2.91 | 0.84 | 119 | 2.89 | 0.85 |

*Notes.* CAPS = Clinician-Administered PTSD Scale. QRI = Quality of Relationships Inventory.

Supplementary Table 2

*Correlations of PTSD and Relationship Quality at Each Assessment Point*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. |
| 1. T1 CAPS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2. T2 CAPS  | .73\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3. T3 CAPS | .60\* | .74\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4. T4 CAPS | .59\* | .76\* | .73\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5. T1 PCL | .80\* | .65\* | .52\* | .59\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6. T2 PCL  | .68\* | .82\* | .67\* | .79\* | .73\* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7. T3 PCL | .63\* | .73\* | .82\* | .76\* | .61\* | .75\* |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8. T4 PCL | .58\* | .73\* | .71\* | .86\* | .59\* | .77\* | .74\* |  |  |  |  |  |  |  |  |  |  |  |  |
| 9. T1 Con  | .22\* | .26\* | .21\* | .24\* | .35\* | .35\* | .18\* | .23\* |  |  |  |  |  |  |  |  |  |  |  |
| 10. T2 Con | .21\* | .24\* | .14 | .23\* | .30\* | .39\* | .18\* | .19\* | .59\* |  |  |  |  |  |  |  |  |  |  |
| 11. T3 Con | .21\* | .18\* | .28\* | .23\* | .31\* | .36\* | .29\* | .21\* | .56\* | .72\* |  |  |  |  |  |  |  |  |  |
| 12. T4 Con | .25\* | .24\* | .25\* | .31\* | .28 | .35\* | .31\* | .31\* | .57\* | .70\* | .73\* |  |  |  |  |  |  |  |  |
| 13. T1 Sup | -.09 | -.12 | -.08 | -.12 | -.03 | -.09 | .02 | -.14 | -.14 | -.07 | -.07 | .03 |  |  |  |  |  |  |  |
| 14. T2 Sup | -.02 | -.09 | -.02 | -.01 | -.06 | -.10 | .02 | -.14 | -.20\* | -.16 | -.15 | -.15 | .60\* |  |  |  |  |  |  |
| 15. T3 Sup | -.03 | -.08 | .05 | -.02 | -.05 | .02 | -.01 | -.01 | -.21\* | -.23\* | -.14 | -.30\* | .48\* | .66\* |  |  |  |  |  |
| 16. T4 Sup | -.15 | -.14 | -.04 | -.04 | -.15 | -.04 | -.02 | -.09 | -.16 | -.16 | -.18 | -.13 | .55\* | .66\* | .69\* |  |  |  |  |
| 17. T1 Dep | -.00 | -.01 | -.05 | -.04 | .12 | -.04 | .06 | -.04 | .10 | .04 | .02 | .14 | .80\* | .54\* | .45\* | .56\* |  |  |  |
| 18. T2 Dep | .03 | .04 | .05 | .08 | .09 | .06 | .08 | -.01 | -.01 | .08 | .04 | .03 | .53\* | .85\* | .61\* | .65\* | .66\* |  |  |
| 19. T3 Dep | -.02 | .04 | .11 | .08 | -.02 | .07 | .02 | .05 | -.13 | -.08 | .03 | -.15 | .48\* | .58\* | .86\* | .58\* | .54\* | .69\* |  |
| 20. T4 Dep | -.09 | .01 | .05 | .06 | -.01 | -.07 | .10 | .05 | .02 | .02 | -.01 | .04 | .54\* | .57\* | .60\* | .89\* | .62\* | .69\* | .68\* |

*Notes.* Diagonals represent estimate derived means and standard deviations. Sup = Support subscale of the Quality of Relationships Inventory. Con = Conflict subscale of the Quality of Relationships Inventory. Dep = Depth subscale of the Quality of Relationships Inventory. T1 = First Assessment. T2 = Second Assessment. T3 = Third Assessment. T4 = Fourth Assessment.

\**p* < .05 or less.

Supplementary Table 3

*Model Fit Estimates for the Univariate Latent Difference Score Models*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Model | *df* | *χ*2  | *p* | RMSEA | CFI | SRMR | AIC | *χ*2 Diff |
| CAPS |  |
|  Constant | 10 | 35.25 | .00 | .12 | .93 | .07 | 6263.37 | .00 |
|  Proportional | 13 | 118.19 | .00 | .23 | .73 | .18 | 6340.31 | .00 |
|  **Dual Fixed Proportional** | **9** | **8.69** | **.47** | **.00** | **1.00** | **.04** | **6238.81** |  |
| PCL |  |
|  Constant | 10 | 22.83 | .01 | .09 | .96 | .06 | 5635.61 | .00 |
|  Proportional | 13 | 51.27 | .00 | .14 | .87 | .13 | 5658.05 | .00 |
|  **Dual Fixed Proportional** | **9** | **6.51** | **.69** | **.00** | **1.00** | **.03** | **5621.29** |  |
| QRI Conflict |  |
|  Constant | 10 | 17.54 | .06 | .07 | .97 | .04 | 2492.83 | .00 |
|  Proportional | 13 | 24.26 | .03 | .08 | .95 | .08 | 2493.56 |  .00 |
|  **Dual Fixed Proportional** | **9** | **2.63** | **.98** | **.00** | **1.00** | **.05** | **2479.92** |  |
| QRI Support |  |
|  **Constant** | **10** | **9.07** | **.53** | **.00** | **1.00** | **.06** | **2586.17** | **.06** |
|  Proportional | 13 | 29.71 | .01 | .09 | .91 | .22 | 2600.83 | .00 |
|  Dual Fixed Proportional | 9 | 5.53 | .79 | .00 | 1.00 | .04 | 2584.65 |  |
| QRI Depth |  |
|  **Constant** | **10** | **8.29** | **.60** | **.00** | **1.00** | **.05** | **2580.53** | **.10** |
|  Proportional | 13 | 25.84 | .02 | .08 | .94 | .20 | 2592.08 | .00 |
|  Dual Fixed Proportional | 9 | 5.60 | .78 | .00 | 1.00 | .03 | 2579.83 |  |

*Notes.* Chi-square difference tests were conducted by comparing each model to the most saturated model (i.e., dual fixed proportional change model). CAPS = Clinician-Administered PTSD Scale. QRI = Quality of Relationships Inventory. PCL = PTSD Checklist.