**SUPPLEMENTARY MATERIAL**

**Supplementary Table S1. Summary of reports of suspiciousness from the visual analogue scales**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Since the assault, I feel more fearful of other people than I should** | **Since the assault, I feel suspicious of other people** | **Since the assault, I feel fearful of all males** | **Since the assault, I feel fearful of all females** |
| ***Baseline*** |  |  |  |  |
| **O (not at all)** | 20 (19%) | 5 (5%) | 31 (29%) | 50 (47%) |
| **1-25** | 23 (22%) | 21 (20%) | 29 (27%) | 31 (29%) |
| **26-50** | 21 (20%) | 24 (23%) | 13 (12%) | 16 (15%) |
| **51-75** | 21 (20%) | 31 (29%) | 18 (17%) | 6 (6%) |
| **76-99** | 17 (16%) | 18 (17%) | 10 (9%) | 2 (2%) |
| **100 (extremely)** | 4 (4%) | 7 (7%) | 5 (5%) | 1 (1%) |
|  |  |  |  |  |
| ***3 month follow-up***  ***(Over the past month, I feel...)*** |  |  |  |  |
| **O (not at all)** | 23 (28%) | 12 (15%) | 28 (35%) | 43 (53%) |
| **1-25** | 20 (25%) | 24 (30%) | 19 (23%) | 22 (27%) |
| **26-50** | 14 (17%) | 17 (21%) | 17 (21%) | 8 (10%) |
| **51-75** | 12 (15%) | 11 (14%) | 7 (9%) | 5 (6%) |
| **76-99** | 10 (12%) | 14 (17%) | 9 (11%) | 2 (2%) |
| **100 (extremely)** | 2 (2%) | 3 (4%) | 1 (1%) | 1 (1%) |
|  |  |  |  |  |
| ***6 month follow-up***  ***(Over the past month, I feel...)*** |  |  |  |  |
| **O (not at all)** | 32 (34%) | 19 (20%) | 35 (37%) | 52 (55) |
| **1-25** | 26 (28%) | 34 (36%) | 33 (35%) | 30 (32%) |
| **26-50** | 18 (19%) | 20 (21%) | 14 (15%) | 3 (3%) |
| **51-75** | 9 (10%) | 14 (15%) | 7 (7%) | 5 (5%) |
| **76-99** | 7 (7%) | 3 (3%) | 2 (2%) | 2 (2%) |
| **100 (extremely)** | 2 (2%) | 4 (4%) | 3 (3%) | 2 (2%) |

**Supplementary Table S2. Correlations between the PTSD and paranoia measures at baseline**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | PSSI | PDS | GPTS Part A | GPTS Part B |
| GPTS-Part A  Ideas of Reference | .54  p < .001 | .51  p < .001 |  |  |
| GPTS-Part B  Persecutory thoughts | .59  p < .001 | .53  p < .001 | .82  p < .001 |  |
| PANSS Suspiciousness Item | .54  p < .001 | .54  p < .001 | .62  p < .001 | .64  p < .001 |
| Since the assault, I feel more fearful of other people than I should | .50  p < .001 | .53  p < .001 | .30  p = .002 | .25  p = .011 |
| Since the assault, I feel suspicious of other people | .58  p < .001 | .57  p < .001 | .39  p < .001 | .42  p < .001 |
| Since the assault, I feel fearful of all males | .67  p < .001 | .65  p < .001 | .52  p < .001 | .45  p < .001 |
| Since the assault, I feel fearful of all females | .24  p = .014 | .29  .002 | .47  p < .001 | .40  p < .001 |

PSSI = PTSD Symptom Scale; PDS = Posttraumatic Diagnostic Scale; GPTS = Green et al Paranoid Thoughts Scale; PANSS = Positive and Negative Symptom Scale.

**Supplementary Table S3. Baseline predictors of 6 month follow-up scores (adjusted for original symptom score)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Paranoia (GPTS Total Time 3)**  **(controlling for baseline paranoia score)** | | | | **PTSD (PDS Total Time 3)**  **(controlling for baseline PTSD score)** | | | |
|  | **Coeff.** | **Stand. Coeff.** | **Std. Error** | **p-value** | **Coeff.** | **Stand. Coeff.** | **Std. Error** | **p-value** |
| ***The assault*** |  |  |  |  |  |  |  |  |
| **Location:**  **Close or at home**  **Far from home** | -10.83 | -0.18 | 4.33 | .014\* | -3.35 | -0.13 | 1.98 | .094 |
| **Relationship to attacker:**  **Stranger**  **Known person** | 1.52 | 0.03 | 4.60 | .742 | 1.91 | 0.07 | 2.02 | .348 |
| **Person’s rating of severity of injuries (0-10 scale)** | 0.87 | 0.07 | 0.93 | .353 | 0.71 | 0.14 | 0.42 | .093 |
| **Ongoing physical problems from assault** | 10.88 | 0.19 | 4.13 | .010\* | 1.79 | 0.07 | 2.09 | .394 |
|  |  |  |  |  |  |  |  |  |
| ***During trauma processing*** |  |  |  |  |  |  |  |  |
| **Perceived threat to life/physical integrity** | 0.57 | 0.05 | 0.99 | .566 | 0.79 | 0.15 | 0.47 | .100 |
| **Negative emotion during trauma** | 0.26 | 0.07 | 0.30 | .385 | 0.05 | 0.03 | 0.14 | .730 |
| **Cognitive processing during the assault (Data-driven processing, lack of self-referent processing and dissociation)** | 0.21 | 0.12 | 0.15 | .159 | 0.08 | 0.10 | 0.07 | .246 |
| **Mental defeat** | 0.66 | 0.15 | 0.40 | .101 | 0.44 | 0.22 | 0.18 | .015\* |
|  |  |  |  |  |  |  |  |  |
| ***Trauma memory*** |  |  |  |  |  |  |  |  |
| **Memory disorganisation** | -0.33 | -0.05 | 0.46 | .485 | -0.042 | -0.02 | .20 | .839 |
| **Characteristics of unwanted memories** | 0.01 | 0.03 | 0.02 | .742 | 0.01 | 0.11 | 0.01 | .235 |
|  |  |  |  |  |  |  |  |  |
| ***Post-trauma responses*** |  |  |  |  |  |  |  |  |
| **Cognitive responses to trauma memories (Suppression of trauma memories, rumination on trauma, numbing)** | 0.34 | 0.13 | 0.24 | .159 | 0.18 | 0.15 | 0.14 | .188 |
| **Safety behaviours** | 0.45 | 0.16 | 0.23 | .056 | 0.02 | 0.02 | 0.13 | .878 |
| **Negative thoughts about self (vulnerable self, permanent change, alienation)** | 0.28 | 0.17 | 0.16 | .083 | 0.33 | 0.46 | 0.07 | <.001\*\* |
| **Negative thoughts about others (Overgeneralised danger)** | 0.62 | 0.17 | 0.31 | .049\* | 0.27 | 0.16 | 0.16 | .091 |
| **Self Blame** | 0.88 | 0.12 | 0.36 | .017\* | 0.36 | 0.13 | 0.17 | .042\* |
| **Perceived negative responses of others** | 0.56 | 0.15 | 0.38 | .140 | 0.38 | 0.23 | 0.15 | .013\* |
| **Perceived social support** | 0.30 | 0.08 | 0.35 | .384 | -0.35 | -0.20 | 0.13 | .010\* |
|  |  |  |  |  |  |  |  |  |
| ***General psychological processing*** |  |  |  |  |  |  |  |  |
| **Worry (PSWQ)** | 0.35 | 0.18 | 0.15 | .021\* | 0.04 | 0.04 | 0.08 | .637 |
| **Catastrophising** | 0.12 | 0.02 | 0.53 | .827 | -0.32 | -0.10 | 0.24 | .186 |
| **Negative beliefs about others (BCSS)** | 0.91 | 0.22 | 0.33 | .006\*\* | 0.34 | 0.18 | 0.14 | .022\* |
| **Positive beliefs about others (BCSS)** | 0.67 | 0.02 | 0.07 | .777 | -0.11 | -0.05 | 0.16 | .467 |
| **Inter-personal sensitivity** | 0.34 | 0.18 | 0.15 | .027\* | 0.06 | 0.07 | 0.07 | .428 |
| **Cognitive flexibility** | -0.64 | -0.19 | 0.26 | .016\* | -0.25 | -0.17 | 0.11 | .028\* |
| **Anomalous experiences (CAPS)** | 0.93 | 0.22 | 0.34 | .008\*\* | 0.27 | 0.14 | 0.15 | .086 |
| **Cannabis used in past month** | 5.30 | 0.09 | 4.44 | .236 | 4.17 | 0.16 | 1.96 | .036\* |
|  |  |  |  |  |  |  |  |  |
| ***Current psychological problems*** |  |  |  |  |  |  |  |  |
| **Anxiety** | 0.59 | 0.20 | 0.25 | .021\* | 0.27 | 0.21 | 0.14 | .051 |
| **Depression** | 0.63 | 0.23 | 0.23 | .007\*\* | 0.30 | 0.25 | 0.13 | .020\* |
| **Insomnia** | 1.00 | 0.26 | 0.29 | .001\*\* | 0.07 | 0.04 | 0.18 | .699 |
| **Paranoia (GPTS Total)** | - | --- | - | - | 0.13 | 0.31 | 0.03 | < .001\*\*\* |
| **PTSD (PDS Total)** | 0.58 | 0.23 | 0.21 | .006\*\* | - |  | - | - |

PSWQ = Penn State Worry Questionnaire; BCSS = Brief Core Schema Scale; CAPS = Cardiff Anomalous Perceptions Scale; GPTS = Green et al Paranoid Thoughts Scale; PDS = Posttraumatic Diagnostic Scale.

\* p < .05, \*\* < .01, \*\*\* p < .001

**Supplementary Table S4. The differential prediction of paranoia and PTSD**

|  |  |
| --- | --- |
| **Predictor variable** | **p-value** |
|  |  |
| *The assault* |  |
| Type x Location | 0.809 |
| Type x Relationship | 0.901 |
| Type x Injury severity | 0.352 |
| Type x Ongoing physical problems | 0.473 |
|  |  |
| *During trauma processing* |  |
| Type x Perceived threat to life/physical integrity | 0.039\* |
| Type x Negative emotion during trauma | 0.737 |
| Type x Cognitive processing during assault | 0.843 |
| Type x Mental defeat | 0.595 |
|  |  |
| *Trauma memory* |  |
| Type x Memory disorganisation | 0.810 |
| Type x Characteristics of unwanted memories | 0.032\* |
|  |  |
| *Post-trauma responses* |  |
| Type x Cognitive responses to trauma memories | 0.170 |
| Type x Safety behaviours | 0.518 |
| Type x Negative thoughts about self | 0.118 |
| Type x Negative thoughts about others | 0.403 |
| Type x Self blame | 0.442 |
| Type x Perceived negative responses of others | 0.902 |
| Type x Perceived social support | 0.313 |
|  |  |
| *General psychological processing* |  |
| Type x Worry | 0.756 |
| Type x Catastrophising | 0.159 |
| Type x Negative beliefs about others | 0.309 |
| Type x Positive Beliefs about others | 0.567 |
| Type x Inter-personal sensitivity | 0.425 |
| Type x Cognitive flexibility | 0.507 |
| Type x Anomalous experiences | 0.212 |
| Type x Cannabis | 0.682 |
|  |  |
| *Current psychological problems* |  |
| Type x Anxiety | 0.353 |
| Type x Depression | 0.336 |
| Type x Insomnia | 0.622 |
| Type x Paranoia | 0.132 |
| Type x PTSD | 0.035\* |

\* p < .05