**Supplementary material**

Sex differences in the severity and natural recovery of child PTSD symptoms: A longitudinal analysis of children exposed to acute trauma

Lucy V. Hiscox1, Sidney Bray1, Abigail Fraser2, Richard Meiser-Stedman3, Soraya Seedat4, Sarah L. Halligan1,5

1Department of Psychology, University of Bath, Bath, UK.

2Population Health Sciences, Bristol Medical School, University of Bristol, Bristol, UK.

3Department of Clinical Psychology, Norwich Medical School, University of East Anglia, Norwich, UK.

4Medical Research Council (MRC) Unit on Anxiety and Stress Disorders, Department of Psychiatry, Stellenbosch University, Tygerberg, Western Cape, South Africa.

5Department of Psychiatry and Mental Health, University of Cape Town, Cape Town, South Africa.

**ST1.** Details of included PACT/R studies.

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| **PACT/R Dataset Number** | **Country** | **Sample size, *n*** | **TP** | **Age range** | **% male** | **Trauma Type(s) (Index event)** | **Measure(s)** |
| 1001 | US | 178 | T3 | 8-17 | 75.3 | Unintentional Injury | CATS |
| 1003\* | US | 175 | T1, T2 | 8-17 | 66.3 | Unintentional Injury, acute medical event, Interpersonal violence  | CATS |
| 1004\* | US | 81 | T1, T2, T3 | 8-18 | 69.1 | Interpersonal violence  | CATS |
| 1005 | US | 163 | T3 | 8-17 | 60.7 | Unintentional injury  | CPSS |
| 1006\* | US | 447 | T1, T2 | 8-17 | 61.7 | Unintentional Injury, acute medical event, interpersonal violence, other | ASC & CPSS (Spanish & English versions) |
| 1007\* | US | 131 | T1, T3 | 8-17 | 75.6 | Unintentional Injury | CPSS |
| 1008\* | US | 99 | T1, T2 | 8-17 | 68.7 | Unintentional Injury | ASC, CPSS |
| 1009 | US | 158 | T3 | 12-17 | 54.43 | Interpersonal violence | CATS |
| 1013 | Australia | 160 | T2 | 7-14 | 68.8 | Unintentional Injury | CAPS |
| 1014\* | Australia | 41 | T1, T3 | 7-15 | 68.29 | Unintentional Injury | CAPS |
| 1018\* | US | 73 | T1, T3 | 8-17 | 68.5 | Unintentional Injury | CAPS |
| 1019\* | US | 50 | T1, T3 | 8-18 | 50.0 | Unintentional Injury, RTA | CAPS |
| 1020\* | UK | 100 | T1, T3 | 10-16 | 63.0 | Interpersonal violence, RTA | CIES-13 |
| 1021\* | UK | 43 | T1, T3 | 7-11 | 51.2 | RTA | CIES-13 |
| 1022\* | Australia | 133 | T1, T2, T3 | 7-17 | 60.2 | Unintentional Injury, acute medical event, RTA, interpersonal violence. | CPSS  |
| 1023 | Switzerland | 50 | T2, T3 | 7-15 | 58.0 | RTA | CAPS (German) |
| 1025\* | US | 108 | T1, T2, T3 | 12-18 | 66.7 | Unintentional Injury, interpersonal violence | UCLA-IV |
| 1026\* | Australia | 56 | T1, T2 | 8-16 | 57.1 | Unintentional Injury, RTA | CPSS |
| 1032\* | Switzerland | 127 | T1, T2, T3 | 7-15 | 54.3 | Unintentional Injury, RTA | UCLA-5 (German) |
| 1034 | US | 219 | T2 | 13-17 | 71.2 | Unintentional Injury | UCLA-IV |
| 1035 | US | 336 | T2 | 8-16 | 47.9 | Disaster | UCLA-IV |
| 1036\* | US | 101 | T1, T2 | 8-17 | 66.3 | Unintentional Injury, RTA, interpersonal violence | CPSS |
| 1037\* | UK | 247 | T1, T2 | 8-17 | 57.9 | Unintentional Injury, acute medical event, RTA, interpersonal violence, Other. | CPSS |
| 1038\* | UK | 121 | T1, T2, T3 | 7-13 | 63.6 | Unintentional Injury, acute medical event, RTA, Interpersonal violence, Other. | UCLA-IV |

\*Studies included in longitudinal analysis based on use of consistent measurements across timepoints. *n* = number of cases included TP = timepoint(s), CATS = Child and Adolescent Trauma Survey, CPSS = Child PTSD Symptom Scale, ASC = Acute Stress Checklist, CAPS = Clinician-Administered PTSD Scale, CIES-13 = Children’s Revised Impact of Events Scale, UCLA-IV = UCLA PTSD Index for DSM-IV, UCLA-5 = UCLA PTSD Index for DSM-5.

**ST2.** Number of observations at each time point and PTSD scores displaying median, interquartile range (IQR) prior to square root transformations.

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| --- | --- | --- | --- |
|  | **Total**  | **Males** | **Females** |
|  | **N** | **Median (IQR)** | **N** | **Median (IQR)** | **N** | **Median (IQR)** |
| **T1** | 2005 | 0.250 (0.313) | 1257 | 0.235 (0.308) | 746 | 0.276 (0.323) |
| **T2** | 2034 | 0.137 (0.225) | 1246 | 0.118 (0.198) | 788 | 0.157 (0.247) |
| **T3** | 1293 | 0.125 (0.240) | 817 | 0.119 (0.215) | 476 | 0.138 (0.292) |