**Supplementary material**

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

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**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) |