**Supplemental Table 2. Posttraumatic Stress Disorders Checklist Civilian Version (PCL-C) Cut-off Score Used in Previous Studies**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Author | Study population | Gold standard | PR | Optimal cut-off score | Sensitivity | Specificity | AUC | Assessment | Diagnostic efficiency | Study findings |
| Blanchard [1] | 40 adults who were victims of severe automobile accident (n=27) or a sexual assault (n=13) | CAPS  | 0.45 | 44 | 0.944 | 0.764 | - | SR | 0.90 | Prespecified cut-off points of 50 and 44 were compared. |
| Andrykowski [2] | 72 women posttreatment for breast cancer | SCID | 0.06 | 30 | 1.00 | 0.83 | - | INT | 0.80 | Prespecified cut-off points of 30, 35, 40, 45 and 50 were compared. |
| Manne [3] | 65 mothers of pediatric cancer survivors | SCID | 0.06 | 40 | 1.00 | 0.77 | - | SR | 0.79 | Prespecified cut-off points of 40, 45 and 50 were compared. |
| Dobie [4] | 282 women seen for care at the Veterans Affairs (VA) Puget Sound Healthcare system  | CAPS  | 0.36 | 38 | 0.79 | 0.79 | 0.86  | SR | - | Prespecified cut-off points of 30, 44, 50, 60 and the optimal cut-off score (38) were compared. |
| Walker [5] | 261 female HMO members | CAPS | 0.11 | 30 | 0.82 | 0.76 | 0.84  | SR | - | Prespecified cut-off points of 25, 30, 35, 40, 45, 50 and 55 were compared. |
| Lang[6] | 49 women seen in the VA San Diego Healthcare System  | CIDI | 0.31 | 28 | 0.94 | 0.68 | 0.89 | SR | 0.78 | Cut-off points in the range of 26 to 40 and 50 were compared. |
| Ruggiero [7] | 392 college students | CAPS  | - | 44 | 0.90 | 0.95 | - | SR | 0.95 | Prespecified cut-off points of 50 and 44 were compared. |
| Cook [8] | 142 older adult primary care patients | CAPS  | - | 37 | 0.96 | 0.92 | 0.98 | INT |  | Cut-off points in the range of 32 to 42 were compared. |
| Grubaugh [9] | 44 traumatized, adult, public-sector mental health patients  | CAPS | 0.59 | 54 | 0.69 | 0.78 | 0.76 | INT |  | All scores of the participants in the study were used as cut-off points for comparison |
| Harrington [10] | 44 women substance users | CAPS  | 0.39 | 44 | 0.76 | 0.79 | - | SR | 0.78 | Cut-off points in the range of 35 to 41, 44 and 46 were compared. |
| Bollinger [11] | 57 HIV-seropositive patients | CAPS  | 0.12 | 52 | 0.86 | 0.79 | 0.91 | SR | 0.82 | Results using cut-off score of 50 and 52 were provided. |
| Hudson [12] | 100 patients being treated for medical and/or psychiatric conditions | CAPS | 0.10 | 36 | 0.90 | 0.87 | 0.935 | SR |  | Optimum cut-off point was indicated from ROC analysis. |
| Keen [13] | 114 male veterans  | CAPS  | 0.22 | 60 | 0.56 | 0.92 | 0.86 | SR | - | Cut-off points in the range of 43 to 71 were compared. |
| Freedy[14] | 411 Family Practice Center patients | CAPS | 0.32 | 43 | 0.80 | 0.81 | 0.93 | INT | - | Cut-off points in the range of 37 to 49 were compared. |
| Chiu [15] | 1915 retired firefighters exposed to the World trade Center disaster | DIS | 0.06 | 39 | 0.85 | 0.82 | 0.91 | SR | - | Cut-off points in the range of 27 to 50 were compared. |
| Pietrzak [16]a | 206 older adults who experienced Hurricane Ike | PCL-based DSM-IV diagnosis | 0.07 | 39 | 0.96 | 0.92 | 0.98 | INT | 0.92 | Cut-off points in the range of 34 to 50 were compared. |
| 0.08 | 37 | 1.00 | 0.90 | 0.98 | INT | 0.91 |
| Gardner [17] | 132 outpatients with burns | DSM-IV diagnosis | 0.39 | 50 | 0.90 | 0.79 | - | SR | 0.83 | Pre-specified cut-off points of 45, 50 and 55 were compared. |
| Karstoft [18] | 415 Danish soldiers | SIDI | 0.07 | 40 | 0.79 | 0.93 | 0.95 | SR | - | Cut-off points in the range of 36 to 54 were compared. |

Abbreviations: CAPS, Clinician-Administered PTSD Scale; CIDI, Composite International Diagnostic Interview; SCID, Structured Clinical Interview for DSM; Disorder; DIS: Diagnostic Interview Schedule; AUC, area under the Receiver Operating Characteristics curves; PR, prevalence

a The first row of this study refers to worst event-related PTSD, while the second row refers to Hurricane Ike-related PTSD; SR, self-report; INT, interview

**References** **Supplemental Table 2**

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