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| **Online Supplement 1 (OS1)** | | | | | | | |
| Item-Level Descriptive Statistics for the CATS-2 self-report (n = 283) | | | | | | | |
| CATS2 Item | Item Description | Diagnostic Allocation\* | *M* | *SD* | Skew | Kurtosis | Range |
| Item1 | Intrusions | ◊ | 1.54 | 0.99 | 0.03 | -1.04 | 0-3 |
| Item2 | Nightmares | ◊ ; ○ | 1.01 | 1.09 | 0.66 | - 0.92 | 0-3 |
| Item3 | Flashbacks | ◊ ; ○ | 1.07 | 1.07 | 0.55 | -1.00 | 0-3 |
| Item4 | Psychological Cue Reactivity | ◊ | 1.79 | 1.08 | -0.33 | -1.2 | 0-3 |
| Item5 | Physiological  Cue Reactivity | ◊ | 1.36 | 1.07 | 0.20 | -1.21 | 0-3 |
| Item6 | Avoidance internal reminders | ◊ ; ○ | 1.89 | 1.12 | -0.50 | -1.15 | 0-3 |
| Item7 | Avoidance external reminders | ◊ ; ○ | 1.44 | 1.15 | 0.06 | -1.43 | 0-3 |
| Item8 | Amnesia | ◊ | 1.03 | 1.10 | 0.61 | -1.02 | 0-3 |
| Item 9 | Negative Beliefs | ◊ highest | 1.93 | 1.07 | -0.48 | -1.1 | 0-3 |
| Item 9a | Bad Life |  | 1.07 | 1.08 | 0.58 | -0.97 | 0-3 |
| Item 9b | No Trust | ● | 1.40 | 1.08 | 0.14 | -1.23 | 0-3 |
| Item 9c | Negative World |  | 1.16 | 1.07 | 0.48 | -1.02 | 0-3 |
| Item 9d | Negative Self | ● | 1.21 | 1.21 | 0.41 | -1.41 | 0-3 |
| Item10 | Blame | ◊ highest | 1.14 | 1.09 | 0.49 | -1.06 | 0-3 |
| Item10a | Self-Blame | ● | 1.04 | 1.11 | 0.64 | -1.00 | 0-3 |
| Item10b | Blames others |  | 0.24 | 0.53 | 2.26 | 4.89 | 0-3 |
| Item11 | Negative Feelings | ◊ | 1.69 | 1.03 | -0.20 | -1.13 | 0-3 |
| Item12 | Loss of interest | ◊ | 1.24 | 1.10 | 0.32 | -1.24 | 0-3 |
| Item13 | Detachment | ◊ ; ● | 1.16 | 1.11 | 0.44 | -1.17 | 0-3 |
| Item14 | Numbing | ◊ ; ● | 1.00 | 0.98 | 0.60 | -0.75 | 0-3 |
| Item15 | Irritability | ◊ highest | 1.82 | 1.01 | -0.27 | -1.12 | 0-3 |
| Item15a | Affect regulation | ● | 1.69 | 1.06 | -0.19 | -1.2 | 0-3 |
| Item15b | Angry Outbursts |  | 1.07 | 1.01 | 0.61 | -0.72 | 0-3 |
| Item16 | Reckless behavior | ◊ | 0.56 | 0.81 | 1.38 | 1.21 | 0-3 |
| Item17 | Hypervigilance | ◊ ; ○ | 1.38 | 1.12 | 0.18 | -1.30 | 0-3 |
| Item18 | Startle Response | ◊ ; ○ | 1.33 | 1.14 | 0.25 | -1.35 | 0-3 |
| Item19 | Concentration | ◊ | 1.64 | 1.08 | -0.11 | -1.26 | 0-3 |
| Item20 | Sleep Disturbance | ◊ | 1.63 | 1.15 | -0.09 | -1.44 | 0-3 |
| DSM-5 PTSD | Total Score |  | 27.63 | 12.17 | -0.09 | -0.47 | 0-59 |
| ICD-11 PTSD | Total Score |  | 8.11 | 4.13 | -0.05 | -0.65 | 0-18 |
| ICD-11 CPTSD | Total Score |  | 15.58 | 7.82 | -0.09 | -0.63 | 0-36 |
| Note. \*Symbols for Diagnostic Allocation (DSM-5 PTSD Score = ◊; ICD-11 PTSD Score = ○; ICD-11 DSO Score ●. | | | | | | | |

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| **Online Supplement 2 (OS2)** | | | | | | | |
| Item-Level Descriptive Statistics for the CATS-2 caregiver-report (n = 255) | | | | | | | |
| CATS2 Item | Item Description | Diagnostic Allocation\* | *M* | *SD* | Skew | Kurtosis | Range |
| Item1 | Intrusions | ◊ | 1.20 | 0.95 | 0.27 | -0.91 | 0-3 |
| Item2 | Nightmares | ◊ ; ○ | 1.01 | 0.97 | 0.69 | -0.49 | 0-3 |
| Item3 | Flashbacks | ◊ ; ○ | 0.48 | 0.79 | 1.57 | 1.55 | 0-3 |
| Item4 | Psychological Cue Reactivity | ◊ | 1.59 | 1.11 | -0.08 | -1.32 | 0-3 |
| Item5 | Physiological  Cue Reactivity | ◊ | 1.24 | 1.06 | 0.30 | -1.16 | 0-3 |
| Item6 | Avoidance internal reminders | ◊ ; ○ | 1.50 | 1.10 | 0.03 | -1.31 | 0-3 |
| Item7 | Avoidance external reminders | ◊ ; ○ | 1.19 | 1.10 | 0.39 | -1.18 | 0-3 |
| Item8 | Amnesia | ◊ | 0.65 | 0.92 | 1.30 | 0.64 | 0-3 |
| Item9 | Negative Beliefs | ◊ highest | 1.81 | 1.06 | -0.32 | -1.17 | 0-3 |
| Item9a | Bad life |  | 1.10 | 1.00 | 0.45 | -0.90 | 0-3 |
| Item9b | No Trust | ● | 1.13 | 1.00 | 0.45 | -0.89 | 0-3 |
| Item9c | Negative World |  | 1.00 | 1.00 | 0.66 | -0.67 | 0-3 |
| Item9d | Negative Self | ● | 1.56 | 1.12 | -0.04 | -1.35 | 0-3 |
| Item10 | Blame | ◊ highest | 1.19 | 1.10 | 0.44 | -1.15 | 0-3 |
| Item10a | Self-Blame | ● | 0.92 | 1.07 | 0.82 | -0.64 | 0-3 |
| Item10b | Blames others |  | 0.63 | 0.91 | 1.35 | 0.81 | 0-3 |
| Item11 | Negative Feelings | ◊ | 1.65 | 1.00 | -0.18 | -1.00 | 0-3 |
| Item12 | Loss of interest | ◊ | 1.06 | 1.07 | 0.51 | -1.08 | 0-3 |
| Item13 | Detachment | ◊ ; ● | 0.91 | 0.97 | 0.68 | -0.70 | 0-3 |
| Item14 | Numbing | ◊ ; ● | 1.30 | 0.98 | 0.21 | -0.97 | 0-3 |
| Item15 | Irritability | ◊ highest | 1.73 | 0.99 | -0.20 | -1.02 | 0-3 |
| Item15a | Affect regulation | ● | 1.55 | 1.05 | -0.04 | -1.19 | 0-3 |
| Item15b | Angry Outbursts |  | 1.37 | 1.01 | 0.22 | -1.02 | 0-3 |
| Item16 | Reckless behavior | ◊ | 0.67 | 0.93 | 1.21 | 0.35 | 0-3 |
| Item17 | Hypervigilance | ◊ ; ○ | 1.09 | 1.0 | 0.47 | -0.965 | 0-3 |
| Item18 | Startle Response | ◊ ; ○ | 1.08 | 0.99 | 0.43 | -0.96 | 0-3 |
| Item19 | Concentration | ◊ | 1.71 | 1.00 | -0.22 | -1.04 | 0-3 |
| Item20 | Sleep Disturbance | ◊ | 1.63 | 1.13 | -0.16 | -1.36 | 0-3 |
| DSM-5 PTSD | Total Score |  | 24.16 | 12.26 | -0.02 | -0.75 | 0-51 |
| ICD-11 PTSD | Total Score |  | 6.20 | 4.14 | 0.42 | -0.41 | 0-18 |
| ICD-11 CPTSD | Total Score |  | 13.42 | 7.65 | 0.14 | -0.64 | 0-32 |
| Note. \*Symbols for Diagnostic Allocation (DSM-5 PTSD Score = ◊; ICD-11 PTSD Score = ○; ICD-11 DSO Score ●. | | | | | | | |

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| **Online Supplement 3 (OS3)** | | | | | | | |
| Standardized factor loadings for the two-factor higher-order model (Model 4): Self-report (n=283) | | | | | | | |
| Items | RE | AV | TH | | AD | NSC | DR | |
| Re1: Nightmares | .64 |  |  | |  |  |  | |
| Re2: Flashbacks | .76 |  |  | |  |  |  | |
| Av1: Avoidance internal reminders |  | .63 |  | |  |  |  | |
| Av: 2 Avoidance external reminders |  | .55 |  | |  |  |  | |
| Th1: Hypervigilance |  |  | .67 | |  |  |  | |
| Th2: Startle response |  |  | .72 | |  |  |  | |
| AD1: Problems calming down |  |  |  | | .50 |  |  | |
| AD2: Numbing |  |  |  | | .71 |  |  | |
| NSC1: Not good enough |  |  |  | |  | .84 |  | |
| NSC2: Self-Blame |  |  |  | |  | .73 |  | |
| DR1: Detachment |  |  |  | |  |  | .69 | |
| DR2: Trust in others |  |  |  | |  |  | .75 | |
| First order factors | PTSD | | | DSO | | | |
| RE | .82 | | |  | | | |
| AV | .75 | | |  | | | |
| TH | .54 | | |  | | | |
| AD |  | | | 1.00 | | | |
| NSC |  | | | .72 | | | |
| DR |  | | | .83 | | | |

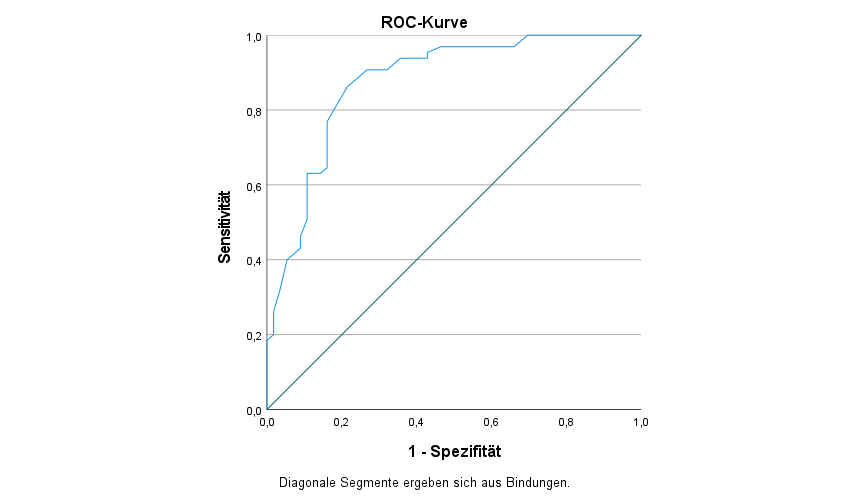
Note. PTSD=Posttraumatic Stress Disorder; DSO = Disturbances in Self-Organization; RE=Re-experiencing; Av=Avoidance; Th=Sense of Threat; AD=Affect Dysregulation; NSC=Negative Self-concept; DR=Disturbances in Relationships

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| **Online Supplement 4 (OS4)** | | | | | | | |
| Standardized factor loadings for the Two-Factor higher-order model (Model 4): Caregiver-report (n=255) | | | | | | | |
| Items | RE | AV | TH | | AD | NSC | DR | |
| Re1: Nightmares | .71 |  |  | |  |  |  | |
| Re2: Flashbacks | .69 |  |  | |  |  |  | |
| Av1: Avoidance internal reminders |  | .79 |  | |  |  |  | |
| Av: 2 Avoidance external reminders |  | .74 |  | |  |  |  | |
| Th1: Hypervigilance |  |  | .67 | |  |  |  | |
| Th2: Startle response |  |  | .75 | |  |  |  | |
| AD1: Problems calming down |  |  |  | | .68 |  |  | |
| AD2: Numbing |  |  |  | | .80 |  |  | |
| NSC1: Not good enough |  |  |  | |  | .75 |  | |
| NSC2: Self-Blame |  |  |  | |  | .57 |  | |
| DR1: Detachment |  |  |  | |  |  | .70 | |
| DR2: Trust in others |  |  |  | |  |  | .76 | |
| First order factors | PTSD | | | DSO | | | |
| RE | .85 | | |  | | | |
| AV | .76 | | |  | | | |
| TH | .83 | | |  | | | |
| AD |  | | | .90 | | | |
| NSC |  | | | .97 | | | |
| DR |  | | | .96 | | | |

Note. PTSD=Posttraumatic Stress Disorder; DSO = Disturbances in Self-Organization; RE=Re-experiencing; Av=Avoidance; Th=Sense of Threat; AD=Affect Dysregulation; NSC=Negative Self-concept; DR=Disturbances in Relationships

**Online Supplement 5 (OS5)**

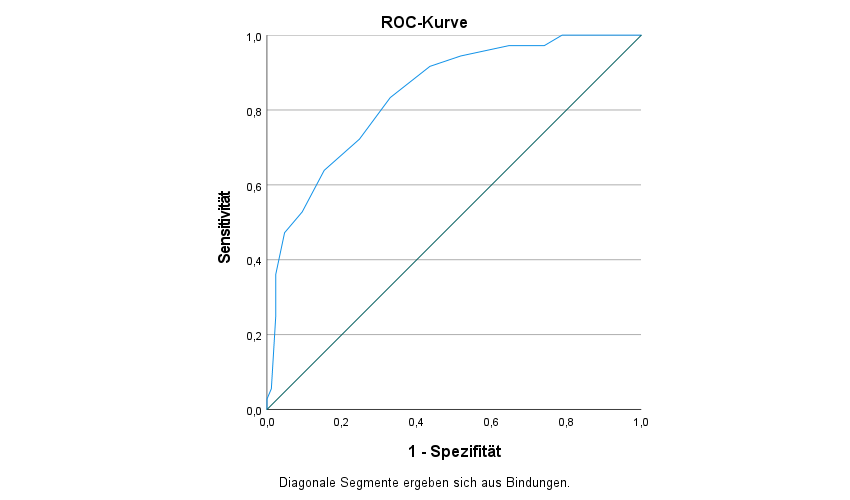
Receiving operator characteristic curve (ROC-curve) for CATS2-DSM-5 PTSD scale (Self-report) relative to CAPS-CA-5 DSM-5 PTSD diagnosis



*Note.* Accuray (AUC) = .88 (95% CI = .81-.94)

**Online Supplement 6 (OS6)**

Receiving operator characteristic curve (ROC-curve) for CATS2-ICD-11 PTSD scale (Self-report) relative to CAPS-CA-5 ICD-11 PTSD diagnosis



*Note.* Accuray (AUC) = .84 (95% CI = .77-.92)

**Online Supplement 7 (OS7)**

Discrimination Index (corrected item-scale correlations) for items regarding the DSM-5 PTSD scale, the ICD-11 scale and the ICD-11 CPTSD scale of the CATS-2 (Self-report)

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| --- | --- | --- | --- | --- | --- |
| CATS2 Item | Item Description | Diagnostic Allocation\* | *DSM-5 PTSD* | *ICD-11 PTSD* | ICD-11 CPTSD |
| Item1 | Intrusions | ◊ | 0.59 |  |  |
| Item2 | Nightmares | ◊ ; ○ | 0.54 | 0.45 | 0.49 |
| Item3 | Flashbacks | ◊ ; ○ | 0.60 | 0.45 | 0.55 |
| Item4 | Psychological Cue Reactivity | ◊ | 0.58 |  |  |
| Item5 | Physiological  Cue Reactivity | ◊ | 0.55 |  |  |
| Item6 | Avoidance internal reminders | ◊ ; ○ | 0.51 | 0.37 | 0.44 |
| Item7 | Avoidance external reminders | ◊ ; ○ | 0.41 | 0.41 | 0.39 |
| Item8 | Amnesia | ◊ | 0.22 |  |  |
| Item 9 | Negative Beliefs | ◊ highest | 0.66 |  |  |
| Item 9a | Bad Life |  |  |  |  |
| Item 9b | No Trust | ● |  |  | 0.57 |
| Item 9c | Negative World |  |  |  |  |
| Item 9d | Negative Self | ● |  |  | 0.57 |
| Item10 | Blame | ◊ highest | 0.52 |  |  |
| Item10a | Self-Blame | ● |  |  | 0.51 |
| Item10b | Blames others |  |  |  |  |
| Item11 | Negative Feelings | ◊ | 0.62 |  |  |
| Item12 | Loss of interest | ◊ | 0.60 |  |  |
| Item13 | Detachment | ◊ ; ● | 0.48 |  | 0.47 |
| Item14 | Numbing | ◊ ; ● | 0.62 |  | 0.59 |
| Item15 | Irritability | ◊ highest | 0.50 |  |  |
| Item15a | Affect regulation | ● |  |  | 0.47 |
| Item15b | Angry Outbursts |  |  |  |  |
| Item16 | Reckless behavior | ◊ | 0.44 |  |  |
| Item17 | Hypervigilance | ◊ ; ○ | 0.39 | 0.38 | 0.38 |
| Item18 | Startle Response | ◊ ; ○ | 0.39 | 0.36 | 0.39 |
| Item19 | Concentration | ◊ | 0.45 |  |  |
| Item20 | Sleep Disturbance | ◊ | 0.53 |  |  |
| Note. \*Symbols for Diagnostic Allocation (DSM-5 PTSD Score = ◊; ICD-11 PTSD Score = ○; ICD-11 DSO Score ●. | | | | | |

**Online Supplement 8 (OS8)**

Discrimination Index (corrected item-scale correlations) for items regarding the DSM-5 PTSD scale, the ICD-11 scale and the ICD-11 CPTSD scale of the CATS-2 (caregiver report)

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| --- | --- | --- | --- | --- | --- |
| CATS2 Item | Item Description | Diagnostic Allocation\* | *DSM-5 PTSD* | *ICD-11 PTSD* | ICD-11 CPTSD |
| Item1 | Intrusions | ◊ | 0.66 |  |  |
| Item2 | Nightmares | ◊ ; ○ | 0.61 | 0.53 | 0.52 |
| Item3 | Flashbacks | ◊ ; ○ | 0.54 | 0.53 | 0.54 |
| Item4 | Psychological Cue Reactivity | ◊ | 0.63 |  |  |
| Item5 | Physiological  Cue Reactivity | ◊ | 0.66 |  |  |
| Item6 | Avoidance internal reminders | ◊ ; ○ | 0.56 | 0.57 | 0.55 |
| Item7 | Avoidance external reminders | ◊ ; ○ | 0.47 | 0.56 | 0.49 |
| Item8 | Amnesia | ◊ | 0.27 |  |  |
| Item 9 | Negative Beliefs | ◊ highest | 0.65 |  |  |
| Item 9a | Bad Life |  |  |  |  |
| Item 9b | No Trust | ● |  |  | 0.64 |
| Item 9c | Negative World |  |  |  |  |
| Item 9d | Negative Self | ● |  |  | 0.59 |
| Item10 | Blame | ◊ highest | 0.51 |  |  |
| Item10a | Self-Blame | ● |  |  | 0.54 |
| Item10b | Blames others |  |  |  |  |
| Item11 | Negative Feelings | ◊ | 0.72 |  |  |
| Item12 | Loss of interest | ◊ | 0.57 |  |  |
| Item13 | Detachment | ◊ ; ● | 0.51 |  | 0.52 |
| Item14 | Numbing | ◊ ; ● | 0.64 |  | 0.59 |
| Item15 | Irritability | ◊ highest | 0.60 |  |  |
| Item15a | Affect regulation | ● |  |  | 0.53 |
| Item15b | Angry Outbursts |  |  |  |  |
| Item16 | Reckless behavior | ◊ | 0.39 |  |  |
| Item17 | Hypervigilance | ◊ ; ○ | 0.49 | 0.54 | 0.50 |
| Item18 | Startle Response | ◊ ; ○ | 0.55 | 0.53 | 0.57 |
| Item19 | Concentration | ◊ | 0.47 |  |  |
| Item20 | Sleep Disturbance | ◊ | 0.51 |  |  |
| Note. \*Symbols for Diagnostic Allocation (DSM-5 PTSD Score = ◊; ICD-11 PTSD Score = ○; ICD-11 DSO Score ●. | | | | | |

Online Supplement 9 (OS9)

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| Descriptives of the CAPS-CA-5 sample (n = 121) | | | | |
| Characteristic | Total  sample  (*N* = 121) | US  sample  (*n* = 30) | Norwegian sample  (*n* = 28) | German sample  (*n* = 63) |
| Age (*M, SD*) | 13.94 (2.86) | 12.43 (3.54) | 14.29 (2.21) | 14.51 (2.51) |
| Gender (% female) | 64.5 | 50.0 | 71.4 | 68.3 |
| Living situation (%) |  |  |  |  |
| Biological parents | 79.3 | 63.3 | 82.1 | 85.7 |
| Foster Parents/Adoptive Parents | 12.4 | 30.0 | 14.3 | 3.2 |
| Child Welfare | 5.8 | 0.0 | 3.6 | 9.5 |
| Somewhere else | 2.5 | 6.7 | 0 | 1.6 |
| Race\* |  |  |  |  |
| American Indian | - | 13.3 | - | - |
| Black or African American | - | 6.7 | - | - |
| White | - | 80.0 | - | - |
| Ethnicity\* |  |  |  |  |
| Hispanic or Latino | - | 14.3 | - | - |
| Country of origin\* |  |  |  |  |
| Not Norwegian/German | - | - | 18.2 | 11.1 |
| *Note.* values are means (stand deviations) or % as appropriate. \*Race and Ethnicity were only assessed in the US sample; Country of origin was only assessed in the Norwegian and German sample | | | | |

Online Supplement 10 (OS10)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Frequencies of traumatic events of the CATS-2 self-reports and mean differences in CATS-2 scales regarding the endorsement of each specific traumatic event (yes/no). | | | | |
|  |  | Mean differences in PTSD scales | | |
| Traumatic Event | Frequency (%) | DSM-5 PTSD | ICD-11 PTSD | ICD-11 CPTSD |
| Natural disaster | 19.4 | 0.89 | -0.09 | 0.88 |
| Accident/ injury | 41.3 | -0.85 | -0.24 | -0.56 |
| Experiencing family violence | 36.7 | -4.75\*\*\* | -1.28\* | -2.93\*\* |
| Experiencing Community Violence | 41.7 | -3.24\* | -1.12\* | -2.16\* |
| Attacked with weapon | 8.5 | -3.14 | -1.33 | -1.77 |
| Seeing family violence | 45.2 | -5.07\*\*\* | -1.82\*\*\* | -3.28\*\*\* |
| Seeing Community Violence | 33.6 | -3.68\*\* | -1.30\*\* | -2.26\* |
| Sexual | 28.6 | -7.61\*\*\* | -2.56\*\*\* | -5.07\*\*\* |
| Online sexual | 14.5 | -10.87\*\*\* | -2.78\*\*\* | -7.17\*\*\* |
| Bullying | 59.4 | -7.70\*\*\* | -2.26\*\*\* | -4.92\*\*\* |
| Online bullying | 20.1 | -10.56\*\*\* | -2.86\*\*\* | -6.55\*\*\* |
| Sudden loss | 40.6 | -1.13 | -0.58 | -0.38 |
| Medical | 23.4 | -0.86 | -0.49 | -0.10 |
| War | 1.4 | -4.62 | -2.67 | -2.18 |
| Other not specified event | 38.9 | -2.02 | -0.21 | -0.98 |
| *Note.* N = 28; \* = *p* < .05; \*\* = *p* < .01; \*\*\* = *p* < .001 | | | | |