**Supplemental Table 1**

*Mapping the Child and Adolescent Needs and Strengths (CANS) tool onto the Child Behavior Checklist (CBCL)*

|  |  |  |
| --- | --- | --- |
| Composite | CANS Item(s) | CBCL Item (Item Number, Problem Scale, Syndrome Scale, and DSM-Oriented Scale, if applicable)  |
| Internalizing | Depression | Enjoys Little (5, I, W/D, DP); Cries (14, I, A/D, DP); Unloved (33, I, A/D); Worthless (35, I, A/D, DP); Rather Be Alone (42, I, W/D); Guilty (52, I, A/D, DP); Won’t Talk (65, I, W/D); Secretive (69, I, W/D); Shy (75, I, W/D); Sad (103, I, W/D, DP); Withdrawn (111, I, W/D) |
|  | Anxiety | Fears (29, I, A/D, AP); Fears School (30, I, A/D, AP); Fears Do Bad (31, I, A/D, AP); Nervous (45, I, A/D, AP); Fearful (50, I, A/D, AP); Self-Conscious (71, I, A/D, AP); Worries (112, I, A/D, AP) |
|  | Suicide risk  | Thinks Suicide (91, I, A/D, DP) |
| Sleep  | Sleeps Less (76, I, DP); Sleeps More (77, I, DP); Sleep Problems (100, I, DP); Lacks Energy (102, I, W/D, DP); Tired (54, I, SC, DP) |
| Externalizing | Delinquency | Disobey School (23, E, AB, ODP); Stubborn (86, E, AB, ODP); Temper (95, E, AB, ODP) |
|  | Conduct, Legal | Mean (16, E, AB, CP); Lacks Guilt (26, E, RBB, CP); Bad Friends (39, E, RRB, CP); Lies Cheats (43, E, RBB, CP); Prefer Older (63, E, RBB); Steals Home (81, E, RBB, CP); Steals Other (82, E, RBB, CP); Swears (90, E, RBB, CP); Vandalism (106, E, RBB, CP); Destroy Own (20, E, AB); Destroy Other (21, E, AB, CP); Truant (101, E, RBB, CP); Breaks Rules (28, E, RBB, CP) |
|  | Substance use  | Alcohol (2, E, RBB); Tobacco (99, E, RBB); Uses Drugs (105, E, RBB) |
| Anger control  | Screams (68, E, AB); Mood Change (87, E, AB) |
| Danger to others | Fights (37, E, AB, CP); Attacks (57, E, AB, CP); Threaten (97, E, AB, CP) |
| Oppositional | Argues (3, E, AB, ODP); Disobey Home (22, E, AB, ODP) |
| Sanction seeking behavior | Demands Attention (19, E, AB); Sulks (88, E, AB); Teases (94, E, AB); Loud (104, E, AB) |
| Fire setting | Sets Fires (72, E, RBB, CP) |
| Runaway | Run Away (67, E, RBB, CP) |

*Note*. CANS = Child and Adolescent Needs and Strengths, CBCL = Child Behavior Checklist. I = Internalizing Problems Scale. E = Externalizing Problems Scale. Internalizing Problems Syndrome Scale includes A/D = Anxious/Depressed, and W/D = Withdrawn/Depressed. Externalizing Problems Syndrome Scale includes SC = Somatic Complaints, RBB = Rule Breaking Behavior, and AB = Aggressive Behavior. DSM-Oriented Scales are DP = Depressive Problems, AP = Anxiety Problems, ODP = Oppositional Defiant Problems, and CP = Conduct Problems.

**Supplemental Table 2**

*Principal Axis Factor Analysis of Child and Adolescent Needs and Strengths (CANS) Tool Symptoms*

|  |  |  |  |
| --- | --- | --- | --- |
| CANS Item | Factor 1Internalizing | Factor 2Disinhibited Externalizing | Factor 3Antagonistic Externalizing |
| Depression | **.844** | .129 | -.096 |
| Anxiety | **.688** | -.037 | .003 |
| Suicide risk  | **.535** | .011 | .070 |
| Delinquency | -.085 | **.838** | .179 |
| Legal | -.063 | **.801** | .111 |
| Substance use  | .127 | **.694** | -.077 |
| Anger control  | .086 | .057 | **.725** |
| Danger to others | -.044 | .049 | **.707** |
| Oppositional | .015 | .215 | **.695** |
| Conduct | -.086 | .240 | **.620** |
| Sanction seeking behavior | .030 | .204 | **.617** |
| Impulsivity/hyperactivity | .109 | -.029 | **.552** |
| Sleepa  | .376 | -.023 | .174  |
| Fire settinga | .023 | -.066 | .256 |
| Runawaya | .155 | .305 | .074 |
| Variance Explained | 11.522 | 8.180 | 38.122 |
| Factor 1 | 1.00 | -- | -- |
| Factor 2 | .262 | 1.00 | -- |
| Factor 3 | .504 | .502 | 1.00 |

*Note*. Bold indicates final loading.

aexcluded from final factors due to loadings <.40.

**Supplemental Table 3**

*Differences in Demographics and ACEs for Children with and without Exposure to Caregiver Substance Abuse and Caregiver Mental Illness*

|  |  |  |  |
| --- | --- | --- | --- |
|  | Caregiver substance abuse |  | Caregiver mental illness |
| Measure | *MNE(SD)* | *ME(SD)* | *t/*χ*2* | *d/*Φ |  | *MNE(SD)* | *ME(SD)* | *t/*χ*2* | *d/*Φ |
| Age | 14.31(3.48)  | 11.38(4.18) | -57.98\*\*\* | .76b |  | 14.11(3.67) | 11.64(4.15) | -48.21\*\*\* | .63b |
| Gender (% female) |  37.00 | 47.57 | 271.16\*\*\* | .11a |  | 36.80 | 47.77 | 292.07\*\*\* | .11a |
| Race (% white) | 64.25  | 78.07  | 529.93\*\*\* | .15a |  | 65.06 | 77.07 | 400.96\*\*\* | .13a |
| Physical abuse |  .29(.62) | .28(.59)  | -1.38 | .02 |  | .23(.55) | .36(.65) | 15.34\*\*\* | .05 |
| Sexual abuse | .29(.65) | .24(.58) | -7.16\*\*\* | .08 |  | .23(.58) | .31(.66) | 9.65\*\*\* | .13 |
| Medical trauma |  .07(.35) |  .07(.34) | -.62 | .00 |  | .06(.31) | .09(.38) | 5.88\*\*\* | .09 |
| Natural disaster |  .01(.14) |  .02(.19) | 2.63\*\* | .06 |  | .01(.15) | .02(.19) | 2.81\*\* | .06 |
| WFV | .31(.65)  |  .47(.76) | 17.03\*\*\* | .23a |  | .26(.61) | .52(.79) | 27.29\*\*\* | .37b |
| WCV |  .11(.40) |  .13(.41) | 2.85\*\* | .05 |  | .11(.39) | .13(.41) | 3.85\*\*\* | .05 |
| Neglect |  .42(.73) | .65(.84) | 22.89\*\*\* | .29a |  | .39(.70) | .69(.86) | 29.65\*\*\* | .38b |
| Emotional abuse |  .34(.67) | .39(.68) | 5.15\*\*\* | .07 |  | .27(.60) | .48(.74) | 23.21\*\*\* | .31b |
| CSA |  -- | -- | -- | -- |  | .47(.87) | 1.35(1.15) | 65.49\*\*\* | .86c |
| CMI |  .40(.73) | 1.07(.92) | 62.12\*\*\* | .81c |  | -- | -- | -- | -- |

*Note.* Children with a score of 0 on the CANS were classified as having no exposure (NE), and children with a score of 1, 2, or 3 on the CANS were classified as having exposure (E), to caregiver substance abuse and caregiver mental illness. WFV = witness to family violence; WCV = witness to community violence; CSA = caregiver substance abuse; CMI = caregiver mental illness.

asmall effect .20<*d*<.49, (.10<Φ <.29). bmedium effect .50< *d*<.79. clarge effect *d*>.80.