

Appendix C. Descriptions of the Development and Content Validity Studies on Included Instruments.

Source ^a (alphabetical order)	Instrument	Purpose of study	Study population ^b	Age ^c (range [R] and/or Mean [MN] and/or Standard Deviation [SD])
Bavolek et al. (1979)	Adult Adolescent Parenting Inventory-2 (AAPI-2)	To develop and validate the AAPI (as an original version of the AAPI-2)	N = 9 (Stage: Construct development): (I) Professionals in child maltreatment N = 3,000 (Stage: Pilot Testing): (II) Adolescents attending high schools (grade 10-12)	(I) R = NR, MN = NR, SD = NR; (II) R = NR, MN = NR, SD = NR
Gordon et al. (1979)	Intensity of Parental Punishment Scale (IPPS)	To develop and validate the IPPS	N = 417: (I) n = 301: Parents of 5- to 10-year-old children; (II) n = 50: Upper-middle-class parents of 7- to 12-year old children; (III) n = 26: Mothers of 6- to 9-year-old children; (IV) n = 40: Mothers of 6- to 14-year-old children	(I) R = NR, MN = NR, SD = NR; (II) R = NR, MN = NR, SD = NR; (III) R = NR, MN = NR, SD = NR; (IV) R = NR, MN = NR, SD = NR
Heyman et al. (2019)	Family Maltreatment-Child Abuse criteria (FM-CA)	To develop and validate the FM-CA	N = 126: U.S. Air Force service members and their spouses (F = 41; M = 85)	R = NR, MN = NR, SD = NR
Holden and Zambarano (1992)	Parental Response to Child Misbehavior questionnaire (PRCM)	To exam parental responses to children's misbehavior in maternal reported use of physical punishment by using the CPSS and the PRCM	N = 132: Mothers of 12- to 48-month-old children (F = 132; M = 0)	R = 20-44y, MN = 31.4y, SD = 4.5y
Lang and Connell (2017)	Child Trauma Screen-Exposure Score (CTS-ES)	To develop and validate the CTS-ES	N = 923 (Stage: CTS-ES Development): (I) Parents of children receiving care at outpatient behavioral health clinics N = 69 (Stage: CTS-ES Validation): (II) Parents of children receiving care at outpatient behavioral health clinics	(I) R = NR, MN = NR, SD = NR; (II) R = NR, MN = NR, SD = NR
Loeber et al. (1998)	Child Neglect Scales-Maternal Monitoring and Supervision scale (CNS-MMS)	To examine delinquency, substance use, early sexual behavior, and mental health problems of urban boys by using diverse instruments including the SIS (as an original version of the CNS-MMS)	N = 1507: (I) n = 503: parents with boys in the first grade in Pittsburgh public schools; (II) n = 508: parents with boys in the fourth grade in Pittsburgh public schools (III) n = 506: parents with boys in the seventh grade in Pittsburgh	(I) R = NR, MN = NR, SD = NR; (II) R = NR, MN = NR, SD = NR; (III) R = NR, MN = NR, SD = NR
Meinch et al. (2018)	ISPCAN Child Abuse Screening Tool for use in Trials (ICAST-Trial)	To develop and validate the ICAST-Trial	N = 115 (Stage: Pilot study) (I) Parents of adolescents participated in a parenting program to prevent child abuse (F = 112; M = 3) N = 552 (Stage: Validation of ICAST-Trial) (II) Parents of adolescents participated in a parenting program to prevent child abuse (F = 523; M = 29)	(I) R = NR, MN = 48y, SD = 13.6y; (II) R = NR, MN = 49.4y, SD = 14.69y
Runyan et al. (2009)	ISPCAN Child Abuse Screening Tool for use in Trials (ICAST-Trial)	To develop and validate the ICAST-P (as an original version of the ICAST-Trial)	N = 51 (Stage: Item development): (I) Professionals in child maltreatment N = 697 (Stage: Pilot Testing): (II) Parents with children under the age of 18 in six different countries	(I) R = NR, MN = NR, SD = NR; (II) R = NR, MN = NR, SD = NR

(continued)

Appendix C. (continued)

Source ^a (alphabetical order)	Instrument	Purpose of study	Study population ^b	Age ^c (range [R] and/or Mean [MN] and/or Standard Deviation [SD])
Russell and Britner (2006)	Shaken Baby Syndrome awareness assessment-Short Version (SBS-SV)	To develop and evaluate the psychometric properties of the SBS (as an original version of the SBS-SV)	N = 288 (Stage: Pilot study) (I) Undergraduate psychology students (F = 207; M = 81) N = 264 (Stage: Validation of SBS) (II) Caregivers and non-caregivers over the age of 18 (F = 191; M = 73)	(I) R = 17-31y, MN = 19y, SD = NR; (II) R = 18-78y, MN = 32y, SD = NR
Straus et al. (1995)	Mother-Child Neglect Scale (MCNS)	To describe the development and validation of the MNBS (as an original version of the MCNS)	N = 359: Adolescents and adults (F = 236, M = 123)	R = NR, MN = NR, SD = NR
Straus et al. (1995)	Mother-Child Neglect Scale-Short Form (MCNS-SF)	To describe the development and validation of the MNBS-SF (as an original version of the MCNS-SF)	N = 359: Adolescents and adults (F = 236, M = 123)	R = NR, MN = NR, SD = NR
Straus et al. (1998)	Conflict Tactics Scales: Parent-Child version (CTSPC)	To develop and test the reliability and validity of CTSPC	N = 1,000: Parents of children under 18 years old participated in an U.S. national survey (F = 660; M = 340)	R = NR, MN = 36.8y, SD = NR
Stewart et al. (2015)	Child Neglect Questionnaire (CNQ)	To develop and evaluate psychometric properties of the CNQ	N = 172: (I) n = 76: Parents of children having fathers with Substance Use Disorder (SUD); (II) n = 96: Parents of children having fathers without SUD	(I) R = NR, MN = NR, SD = NR; (II) R = NR, MN = NR, SD = NR
Twentyman et al. (1981)	Parent Opinion Questionnaire (POQ)	To develop and validate the POQ	N = 30 (Stage: Item development): (I) n = 23: Child protective case workers (II) n = 7: Health nurses N = 15 (Stage: Cross validation): (III) Child protective case workers	(I) R = NR, MN = NR, SD = NR; (II) R = NR, MN = NR, SD = NR; (III) R = NR, MN = NR, SD = NR
Zaidi et al. (1989)	Analog Parenting Task (APT)	To determine whether there was an association between punitive childhood histories by the AEIII and abusive parenting by the APT.	N = 86 (Stage: preliminary study) (I) n = 49: university students experienced severe physical punishment in childhood (F = 19; M = 30); (II) n = 37: university students experienced mild physical punishment in childhood (F = 26; M = 11) N = 338 (Stage: main study) (III) n = 169: Mothers of children referred for child psychiatry service (F = 169; M = 0); (IV) n = 169: Fathers of children referred for child psychiatry service (F = 0; M = 169)	(I) R = 18-24y, MN = 19.4y, SD = NR; (II): R = 17-23y, MN = 19.0y, SD = NR; (III) R = 22-51y, MN = 34.2y, SD = NR; (IV) R = 22-57y, MN = 36.8y, SD = NR

Notes. AAPI = Adult Adolescent Parenting Inventory; AEIII = Assessing Environments III; CAP = Child Abuse Potential inventory; CPSS = Computer-Presented Social Situations; ICAST-P = ISPCAN (International Society for the Prevention of Child Abuse and Neglect) Child Abuse Screening Tool-Parent version; MNBS = Multidimensional Neglectful Behavior Scale; MNBS-SF = Multidimensional Neglectful Behavior Scale-Short Form; SIS = Supervision and Involvement Scale; SBS = Shaken Baby Syndrome awareness assessment.

^a References of the development and content validity studies on included instruments can be found in the reference section of this review.

^b N = total sample size; n = subgroups; M = male; F = female.

^c R = range; MN = mean; Med = median; NR = not reported; SD = standard deviation; NR = Not Reported.