

## Quality Assessment Tool

Adapted from Hoppen & Chalder (2018) and the National Heart, Blood, and Lung institute Quality Assessment Tool (n.d.)

- (1) Study design
  - score 1: cross-sectional design
  - score 2: longitudinal design OR use of non-maltreated comparison group
  - score 3: Prospective cohort
  
- (2) Information about the sample and sampling procedure (e.g., study sample clearly defined and described, description of how sample was recruited, some justification for selected sample is helpful; priority to demographic and SES data)
  - Score 0: insufficient
  - Score 1: minimally sufficient
  - Score 2: sufficient
  
- (3) Operationalization of childhood maltreatment (score up if more than one)
  - Score 0: unvalidated measure(s)
  - Score 1: validated (or objective) retrospective self-report questionnaire(s)
  - Score 2: contemporaneous validated measure(s)
  - Score 3: contemporaneous clinical/public records
  
- (4) Child maltreatment assessment includes multiple types of childhood maltreatment
  - Score 0: single maltreatment type assessed
  - Score 1: multiple maltreatment types assessed
  
- (5) Operationalization of parenting behavior(s) (score up if more than one)
  - Score 0: unvalidated measure(s)
  - Score 1: validated (or objective) self-report questionnaire(s)
  - Score 2: interview or other reporter (e.g., child report)
  - Score 3: observed parenting or clinical/public records
  
- (6) Operationalization of moderator(s)/mediator(s) – if applicable (code n/a if no mediator or moderator)
  - Score 0: unvalidated operationalization
  - Score 1: valid or objective operationalization
  
- (7) Appropriate statistical analysis (e.g., sufficient data presented; findings explicitly described and explained; potential confounding variables assessed and evaluated)
  - Score 0: inappropriate
  - Score 1: appropriate but insufficient information
    - OR lack of control for significant cofounds (including solely bivariate associations)
  - Score 2: appropriate

Authors	Study Design (1-3)	Sample (0-2)	CM Variable (0-3)	CM Sing/Mult (0-1)	Parenting Variable (0-3)	Mediators/ Moderators (0-1)	Statistical Analyses (0-2)	Total Score	Possible Score	Quality Score (total/possible * 100)
Al Dosari, Ferwana, Abdulmajeed, Aldossari, & Al-Zahrani (2017)	1	2	1	1	1	na	2	8	14	57.14
Alexander, Teti, & Anderson, (2000)	1	2	0	1	1	0	2	7	15	46.67
Ammerman et al., (2013)	1	2	1	1	1	1	2	9	15	60.00
Augustyn, Thornberry, & Henry (2019)	3	2	3	1	3	1	2	15	15	100.00
Bailey, DeOliveira, Wolfe, Evans, & Hartwick (2012)	1	2	1	1	3	na	2	10	14	71.43
Banyard (1997)	2	2	0	1	1	na	2	8	14	57.14
Banyard, Williams, & Siegel (2003)	3	2	3	1	1	1	2	13	15	86.67
Barrett (2009)	1	2	2	1	1	na	2	9	14	64.29
Barrett (2010)	1	2	0	1	1	1	2	8	15	53.33
Beckerman, van Berkel, Mesman, & Alink (2017)	1	2	1	1	1	0	1	7	14	50.00
Ben-David, Jonson-Reid, Drake, & Kohl, (2015)	3	2	3	1	3	na	2	14	14	100.00
Ben Shlomo & Ben Haim (2017)	1	1	1	1	1	na	2	7	14	50.00
Bert, Guner, & Lanzi (2009)	1	2	1	1	1	na	2	8	14	57.14
Burkett (1991)	2	1	0	0	3	na	1	7	14	50.00
Caldwell, Shaver, Li, & Minzenberg, (2011)	1	2	1	1	1	1	2	9	15	60.00
Capaldi, Tiberio, Pears, Kerr, & Owen (2019)	2	2	1	0	1	1	2	9	15	60.00

Cappell & Heiner (1990)	1	1	0	1	2	1	1	7	15	46.67
Chung et al. (2009)	1	2	0	1	0	0	2	6	15	40.00
Cohen, Hien, & Batchelder (2008)	1	2	1	1	1	na	2	8	14	57.14
T. Cohen (1995)	2	1	0	0	1	na	1	8	14	57.14
Cole, Woolger, Power, & Smith (1992)	2	2	0	0	1	na	2	7	14	50.00
Collin-Vézina, Cyr, Pauzé, & McDuff (2005)	1	1	1	1	1	1	1	7	15	46.67
Coohey & Braun (1997)	2	2	1	0	3	1	2	11	15	73.33
Crombach & Bambonyé (2015)	1	1	0	0	0	na	2	4	14	28.57
Cross et al. (2018)	1	2	1	1	2	na	2	9	14	64.29
Cuartas, Grogan-Kaylor, Ma, & Castillo (2019)	1	2	0	0	1	na	2	6	14	42.86
Dayton, Huth-Bocks, & Busuito (2016)	2	2	1	1	3	1	2	12	15	80.00
Deb & Adak (2006)	1	1	0	0	0	na	1	3	14	21.43
Dilillo, Tremblay, & Peterson (2000)	2	2	0	1	1	na	2	8	14	57.14
Douglas (2000)	2	1	1	0	1	na	2	7	14	50.00
Driscoll & Easterbrooks (2007)	1	2	1	0	3	na	2	9	14	64.29
Dubowitz et al. (2001)	2	2	0	1	1	na	2	8	14	57.14
Ehrensaft, Knous-Westfall, Cohen, & Chen (2015)	3	1	3	1	2	1	2	13	15	86.67
Ellonen, Peltonen, Poso, & Janson (2017)	1	2	0	0	1	na	2	6	14	42.86
Ethier, Lacharité, & Couture (1995)	2	2	0	1	1	na	2	8	14	57.14

Ferrari (2002)	1	2	1	1	1	1	2	9	14	64.29
Fitzgerald, Shipman, Jackson, McMahon, & Hanley (2005)	2	2	1	1	3	1	2	12	15	80.00
Frías-Armenta & McCloskey (1998)	1	2	1	1	1	1	2	9	15	60.00
Frias-Armenta (2002)	1	2	1	0	1	1	2	8	15	53.33
Fuchs, Möhler, Resch, & Kaess (2015)	2	1	1	1	3	1	2	11	15	73.33
Fujiwara, Okuyama, & Izumi (2012)	1	2	0	1	0	na	2	6	14	42.86
Fulu et al. (2017)	1	2	1	1	0	1	2	8	15	53.33
Harmer, Sanderson, & Mertin (1999)	1	1	1	1	1	na	1	6	14	42.86
Hellmann, Stiller, Glaubitz, & Kliem (2018)	1	2	1	0	1	1	2	8	15	53.33
Hemenway, Solnick & Carter (1994)	1	1	0	1	0	na	1	4	14	28.57
Herrenkohl, Klika, Brown, Herrenkohl, & Leeb (2013)	3	2	2	1	0	0	2	10	15	66.67
Heyman & Slep (2002).	1	1	0	1	1	na	2	6	14	42.86
Huth-Bocks, Muzik, Beeghly, Earls, & Stacks (2014)	2	2	1	1	3	na	1	10	14	71.43
Jackson et al. (1999)	1	2	0	1	1	na	2	7	14	50.00
Jaffe, Cranston, & Shadlow (2012)	1	1	0	0	1	na	1	4	14	28.57
Jiang, Chen, Yu, & Jin (2017)	1	2	0	0	0	na	2	5	14	35.71

Kim, Pears, Fisher, Connelly, & Landsverk (2010)	2	2	1	1	1	na	2	9	14	64.29
Kim (2009)	1	2	0	1	0	na	2	6	14	42.86
Kim, Trickett, & Putnam (2010)	1	2	0	0	1	1	1	6	15	40.00
Koren-Karie, Oppenheim, & Getzler-Yosef (2008)	1	2	0	1	3	1	2	10	15	66.67
Labella, Raby, Martin, & Roisman (2019)	3	2	3	1	3	1	2	15	15	100.00
Libby, Orton, Beals, Buchwald, & Manson (2008)	1	2	1	1	0	1	2	8	15	53.33
Locke & Newcomb (2004)	1	2	1	1	1	1	2	9	15	60.00
Lyons-Ruth & Block (1996)	2	1	1	1	3	na	2	10	14	71.43
Mapp (2006)	1	2	0	0	1	1	2	7	15	46.67
Marcenko, Kemp, & Larson (2000)	1	2	1	1	1	na	2	8	14	57.14
Margolin, Gordis, Medina, & Oliver (2003)	1	1	0	1	2	na	2	7	14	50.00
McCullough, Han, Morelen, & Shaffer (2017)	1	2	1	1	3	1	2	11	15	73.33
McCullough, Harding, Shaffer, Han, & Bright (2014)	1	2	1	1	3	na	2	10	14	71.43
Milaniak & Widom (2015)	3	2	3	1	3	na	2	14	14	100.00

Miranda, de la Osa, Granero, & Ezpeleta (2013)	1	2	1	1	1	na	2	8	14	57.14
Moehler, Biringen, & Poustka (2007)	2	1	1	1	3	na	1	9	18	50.00
Muller (1995)	1	1	1	0	2	0	1	6	15	40.00
Newcomb & Locke (2001)	1	2	1	1	1	1	2	9	15	60.00
Niu, Liu, & Wang (2018)	1	2	1	1	1	1	2	9	15	60.00
Oosterman, Schuengel, Forrer, & De Moor (2019)	2	2	1	1	1	1	2	10	15	66.67
Pasalich, Cyr, Zheng, McMahon, & Spieker (2016)	1	2	1	1	3	na	2	10	14	71.43
Pears & Capaldi (2001)	2	2	1	0	2	1	2	10	15	66.67
Peltonen, Ellonen, Poso, & Lucas (2014)	2	2	0	0	1	na	2	7	14	50.00
Pereira et al. (2012)	1	2	1	1	1	1	2	9	15	60.00
Rea & Shaffer (2016)	1	1	1	1	3	1	2	10	15	66.67
Roberts, O'Connor, Dunn, & Golding (2004)	1	2	0	1	1	1	2	8	15	53.33
Rodriguez & Tucker (2011)	1	2	1	0	1	na	2	7	14	50.00
Ruscio (2001)	1	2	1	1	1	1	2	9	15	60.00
Schuetze & Eiden (2005)	1	1	1	0	1	1	2	7	15	46.67
Schwerdtfeger, Larzelere, Werner, Peters, & Oliver (2013)	1	2	1	1	1	na	2	8	14	57.14
Seltmann & Wright (2013)	1	2	0	0	1	1	1	6	15	40.00
Sexton, Davis, Menke, Raggio, & Muzik (2017)	1	1	1	1	3	na	1	8	14	57.14

Simons, Whitbeck, Conger, & Wu (1991)	1	2	0	0	0	1	2	6	15	40.00
Spieker, Oxford, Fleming, & Lohr (2018)	1	2	1	1	3	na	2	10	14	71.43
Testa, Hoffman, & Livingston (2011)	1	2	1	0	1	na	2	7	14	50.00
Thompson-Booth et al. (2018)	1	2	1	1	3	1	2	11	15	73.33
Umeda, Kawakami, Kessler, & Miller (2015)	1	2	1	1	1	na	2	8	14	57.14
Widom, Czaja, & DuMont (2015)	3	2	3	1	3	na	2	14	14	100.00
Wright, Fopma-Loy, & Fischer (2005)	1	2	0	0	1	1	2	7	15	46.67
Zajac, Raby, & Dozier (2019)	2	2	1	1	3	na	2	11	14	78.57
Zalewski, Cyranowski, Cheng, & Swartz (2013)	1	2	1	1	2	na	2	9	14	64.29
Zuravin & Fontanella (1999)	1	2	0	1	1	1	2	8	15	53.33
Zuravin & DiBlasio (1992)	2	1	0	1	3	na	2	9	14	64.29
Zvara, Meltzer-Brody, Mills-Koonce, & Cox (2017)	2	2	1	1	3	1	2	12	15	80.00
Zvara, Mills-Koonce, & Cox (2017)	2	2	1	0	3	1	2	11	15	73.33
Zvara, Mills-Koonce, Appleyard Carmody, & Cox (2015)	2	2	1	1	3	1	2	12	15	80.00