

Online table 1 Risk of Bias of included studies

		Sequence generation	Allocation concealment	Blinding of outcome assessor	Incomplete outcome data addressed	Free of selective reporting	A priori protocol	Free of other bias
	Outcome measures /Risk of bias domains							
Child development								
Feinberg & Kan 2008*	Infant regulation (IBQ-R) & child sleep habits	U	U	3	1	U	U	1
Feinberg et al. 2009*	Child regulation	U	U	1	1	U	U	1
Feinberg et al. 2010		U	U	-	-	-	U	-
	Adaptive and maladaptive functioning (CBCL)	-	-	3	2	U	-	3
	Social and emotional competence (Head Start Competence Scale)	-	-	3	2	U	-	1
Solmeyer et al. 2014*	Child adjustment problems	U	U	1	3	U	U	1
Hiscock et al. 2008*	Adaptive and maladaptive functioning (CBCL)	L	L	3	1	1	Yes	1
Bayer et al. 2010*	Adaptive and maladaptive functioning (CBCL)	L	L	3	U	1	Yes	1
Aronen 1993*	Mental State (Rutter Scale A)	L	H	3	2	U	U	1
Aronen & Kurkela 1996		L	H	-	-	-	U	-
	Adaptive and maladaptive functioning (CBCL)	-	-	3	U	U	-	1
	Adaptive and maladaptive functioning (YSR)	-	-	2	U	U	-	1
Aronen & Kurkela 1998		L	H	-	-	-	U	
	Competence (CBCL)	-	-	3	U	U	-	1
	Competence (YSR)	-	-	2	U	U	-	1
Aronen & Arajärvi 2000*	Adaptive and maladaptive functioning (YASR) & depressive symptoms (BDI)	L	H	1	U	U	U	1
Minkovitz et al. 2007		L	U	-	-	-	Yes	-
	Adaptive and maladaptive functioning (CBCL)	-	-	3	2	U	-	2
	Development (PEDS) & Social Skills (SSRS)	-	-	3	2	U	-	3
Parent-child interaction								
Feinberg et al. 2009*	Parent-child relationship	U	U	1	1	U	U	1
Doherty et al. 2006*	Father-child relationship (Parent Behavior Rating Scale)	L	H	U	3	U	U	1
Vlismas et al. 2013*	Parent-child relationship (Maternal Postnatal Attachment Scale)	U	U	3	1	U	U	U
Dickie & Gerber 1980*	Frequency of infant-initiated contact	U	U	1	1	4	U	U

*Note: Risk of bias was conducted for each outcome. When risk of bias was the same for all included outcomes, only one score is provided in the table.

Note: In the 5-point scale 1 corresponds to low risk of bias and 5 correspond to high risk of bias. L= low risk of bias; H=high risk of bias; U= unclear risk of bias

IBQ-R: Infant Behavior Questionnaire-Revised

CBCL: Child Behavior Checklist

YSR: Youth Self Report

YASR: Young Adult Self Report

PEDS: Parents' Evaluation of Development Status

SSRS: Social Skills Rating Scale