

Table S1. Quality assessment of individual studies based on Downs and Black checklist

Study (published year)	Q1	Q2	Q3	Q5	Q6	Q7	Q9	Q10	R	Q11	Q12	E	Q16	Q17	Q18	Q20	I	Q21	Q22	Q25	Q26	C	Q27	P	T	Outcome	
Bell et al. (2007)	1	1	1	2	1	1	1	0	1	8	1	1	2	1	1	1	1	4	1	1	1	0	3	2	2	19	BW
Brauer et al. (2008)	1	1	1	2	1	1	1	1	0	8	1	0	1	1	1	1	1	4	1	1	1	0	3	0	0	16	PTB
Chen et al. (2002)	1	1	1	2	1	1	1	1	0	8	1	2	1	1	1	1	4	1	1	1	0	3	0	0	17	BW	
Currie et al. (2009)	1	1	0	2	1	1	1	0	1	7	1	2	1	1	1	1	4	1	0	1	0	2	0	0	15	BW	
Darrow et al. (2011)	1	1	1	1	1	1	1	0	1	7	1	0	1	1	0	1	3	1	1	0	0	2	1	1	14	BW	
Geer et al. (2012)	1	1	1	1	1	1	1	0	1	7	1	2	1	0	1	1	3	1	0	0	0	1	0	1	14	BW	
Gouveia et al. (2004)	1	1	1	1	1	1	1	0	7	1	1	2	1	1	1	1	4	1	1	1	0	3	0	0	16	BW	
Gray et al. (2010)	1	1	1	2	1	1	1	0	0	7	1	2	1	0	1	1	3	1	1	1	0	3	0	0	15	BW	
Ha et al. (2004)	1	1	1	1	1	1	1	0	0	6	1	0	1	0	1	1	3	1	1	0	0	2	0	0	12	PTB	
Hansen et al. (2006)	1	1	1	1	1	1	1	0	0	6	1	0	1	0	1	1	3	1	1	0	0	2	0	0	12	PTB	
Hansen et al. (2007)	1	1	1	1	1	1	1	0	0	6	1	0	1	0	1	1	3	1	1	0	0	2	0	0	12	PTB	
Hansen et al. (2007)	1	1	1	2	1	1	1	1	0	8	1	0	1	1	1	1	4	1	1	1	0	3	0	0	16	PTB	
Jalaludin et al. (2007)	1	1	1	1	1	1	1	0	0	6	1	0	1	1	1	1	4	1	1	1	0	3	0	0	14	BW	
Kim et al. (2007)	1	1	1	1	1	1	1	0	0	6	1	0	1	1	1	1	4	1	1	1	0	3	0	0	16	PTB	
Lee et al. (2013)	1	1	1	1	1	1	1	1	0	7	1	0	1	1	1	1	4	1	1	1	0	3	1	1	16	PTB	
Leem et al. (2006)	1	1	1	1	1	1	1	0	1	7	1	0	1	1	1	1	4	1	1	1	0	3	0	0	15	PTB	
Madson et al. (2010)	1	1	1	1	1	1	1	0	0	6	1	0	1	1	1	1	4	1	1	1	0	3	0	0	14	BW	
Mannes et al. (2005)	1	1	1	2	1	1	1	1	0	8	1	0	1	1	1	1	4	1	1	1	0	3	1	1	17	BW	
Medeiros and Gouveia (2005)	1	1	1	1	1	1	1	0	1	7	0	0	0	1	1	1	4	0	1	0	0	1	0	1	13	BW	
Morello-Frosch et al. (2010)	1	1	1	1	1	1	1	0	0	6	1	2	1	0	1	1	3	1	1	0	0	2	0	1	14	BW	
Pedersen et al. (2013)	1	1	1	2	1	1	1	0	1	8	0	1	1	1	1	1	4	1	1	1	0	3	0	0	16	BW	
Ritz et al. (2000)	1	1	1	2	1	1	1	0	1	8	1	2	1	1	1	1	4	1	1	1	0	3	0	0	17	PTB	
Rogers and Dunlop (2006)	1	1	1	2	1	1	1	0	1	8	1	2	1	1	1	1	4	1	1	1	0	3	0	0	17	PTB	
Salam et al. (2005)	1	1	1	2	1	1	1	0	1	8	1	2	1	1	1	1	4	1	1	1	0	3	0	0	17	BW	
Suh et al. (2009)	1	1	1	1	0	1	0	1	0	6	1	0	1	1	1	1	4	1	1	0	0	2	1	1	14	PTB	
Wilhelm and Ritz (2005)	1	1	1	1	1	1	1	0	0	6	1	2	1	1	1	1	4	1	1	0	0	2	0	0	14	PTB	
Yang et al. (2003)	1	1	0	1	1	1	1	0	0	5	0	0	0	1	1	1	4	1	1	0	0	2	0	0	11	BW	
Zhao et al. (2015)	1	1	1	1	0	1	0	1	0	6	1	2	1	0	1	1	3	1	1	0	0	2	0	0	13	PTB	

R, score for reporting; E, score for internal validity and bias; C, score for internal validity and confounding; P, score for power; T, total score; BW, birth weight; PTB, preterm birth.