

Table 2a. Risk of Bias for Cohort Studies as assessed by The Newcastle Ottawa scale.

Author, Year	Representativeness of exposed cohort (select bias)	Selection of non-exposed cohort (selection bias)	Ascertainment of exposure (selection bias)	Demonstration that outcome was not present at start of study (selection bias)	Comparability of cohorts (comparability bias)	Ascertainment of outcome (outcome bias)	Adequate follow-up (outcome bias)	Adequacy of follow-up of cohorts (outcome bias)	Total score
Signal et al., 2017 ²⁹	*	*	Standardized questionnaires	*	**	Self-report	*	*	7/9
Buist et al., 2014 ³⁵	*	*	Standardized questionnaires	*	**	Self-report	*	> 70% attrition	6/9
Gavin et al., 2011 ³²	*	*	Standardized questionnaires	No	**	Self-report	*	*	6/9
Liu et al., 2018 ⁴⁷	*	*	Standardized questionnaires	No	**	Self-report	*	*	6/9
Liu et al., 2016 ⁴⁴	*	*	Standardized questionnaires	No	**	Self-report	*	*	6/9

Abbott & Williams, 2006 ³⁶	*	Non-Pacific Islanders were not represented	Standardized questionnaires	No	* *	Self-report	*	*	5/9
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Becares & Atatoa, 2016 ³⁷	*	*	Standardized questionnaires	*	* *	Self-report	Measured beyond the highest risk for PPD	> 30% attrition	5/9
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D. Hayes et al., 2010 ⁴⁵	Not representative	*	Standardized questionnaires	No	* *	Self-report	Unspecified	*	4/9
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Roberson et al., 2015 ⁴⁶	Not representative	Not representative	Standardized questionnaires	*	* (controlled for other factors but not age)	Self-report	*	*	4/9
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Stock et al., 2012 ³⁴	Not representative	Not representative	Standardized questionnaires	*	* (controlled for other factors but not age)	Self-report	*	*	4/9
Wei et al., 2008 ⁴⁸	Not representative	Not representative	Standardized questionnaires	No	* *	Self-report	*	*	4/9
Bowen et al., 2008 ^{39,52}	*	Not mentioned	Standardized questionnaires	No	No	Self-report	*	*	3/9
B. Hayes et al., 2010 ³³	Not representative	Not representative	Standardized questionnaires	No	* *	Self-report	Unspecified	*	3/9
Huang et al., 2007 ⁴²	*	*	Standardized questionnaires	No	No	Self-report	No	*	3/9
Morland et al., 2007 ⁵³	Not representative (clinic sample)	Not representative (clinic sample)	Standardized questionnaires	*	* (controlled for other factors but not age)	Self-report	Beyond risk period for Antenatal PTSD	*	3/9

Shah et al., 2011 ⁴⁰	*	Not representative	Standardized questionnaires	No	No	Self-report	*	*	3/9
Wang et al., 2003 ⁴⁹	No	No	Standardized questionnaires	No	* (controlled for other factors but not age)	Self-report	*	*	3/9
Goebert et al., 2007 ³⁰	Not representative	Not representative	Standardized questionnaires	No	No	Self-report	*	*	2/9
Sugarman et al., 1994 ⁴³	Not representative of all urban American Indian women	*	Standardized questionnaires	No	No	Self-report	No	*	2/9
Webster et al., 1994 ³⁸	Not representative (deliberately excluded Pacific Islanders)	*	Standardized questionnaires	No	No	Self-report	No	*	2/9

Mah et al., 2017 ⁵⁴	*	No comparison group	Standardized questionnaires	No	No	Self-report	Beyond risk period for Antenatal PTSD	Significant attrition (>80%)	1/9
Onoye et al., 2009 ³¹	Not representative (clinic sample)	Not representative (clinic sample)	Standardized questionnaires	No	No	Self-report	*	Significant attrition (>50%)	1/9

There are 8 criteria of the NOS which are represented in each column. A maximum of one star can be allocated to each criterion, with the exception of comparability bias, where two stars can be allocated. The greater the number of stars, the higher the quality of the study

Table 2b. Risk of bias for Case-Control studies as assessed by The Newcastle Ottawa scale.

Author, Year	Adequate definition (selection bias)	Representativeness (selection bias)	Selection of controls (selection bias)	Definition of controls (selection bias)	Comparability of cases and controls (comparability bias)	Ascertainment of exposure (exposure bias)	Non- response rate (exposure bias)	Total score
Burns et al., 2006 ⁵⁰	*	*	Hospital controls	*	**	*	*	7/8
Burns et al., 2006 ⁵¹	*	*	Hospital controls	*	**	*	*	7/8
Dodgson et al., 2014 ⁴¹	Self-report	*	Hospital controls	*	* *	Self-report	*	5/8

There are 8 criteria of the NOS which are represented in each column. A maximum of one star can be allocated to all categories, with the exception of comparability bias, where two stars can be allocated. The greater the number of stars, the higher the quality of the study