

Association of maternal folate intake during pregnancy with infant asthma risk

Weijian Li^{1,2†}, Bo Xu^{3†}, Yuepeng Cao², Yang Shao⁴, Wanke Wu¹, Jun Zhou², Xiaofang Tan¹, Xiaoli Wu¹, Jing Kong¹, Chen Hu¹, Kaipeng Xie^{1*}, Jiangping Wu^{1*}

¹The Affiliated Obstetrics and Gynecology Hospital of Nanjing Medical University, Nanjing Maternity and Child Health Care Hospital, Women's Hospital of Nanjing Medical University, Nanjing 210004, China

²Department of Urology, Drum Tower Hospital of Nanjing University Medical School, Nanjing 210008, China

³State Key Laboratory of Reproductive Medicine, Institute of Toxicology, Nanjing Medical University, 211166, China

⁴The First People's Hospital of Zhangjiagang city, The Zhangjiagang Affiliated Hospital of Soochow University, Suzhou 215600, China

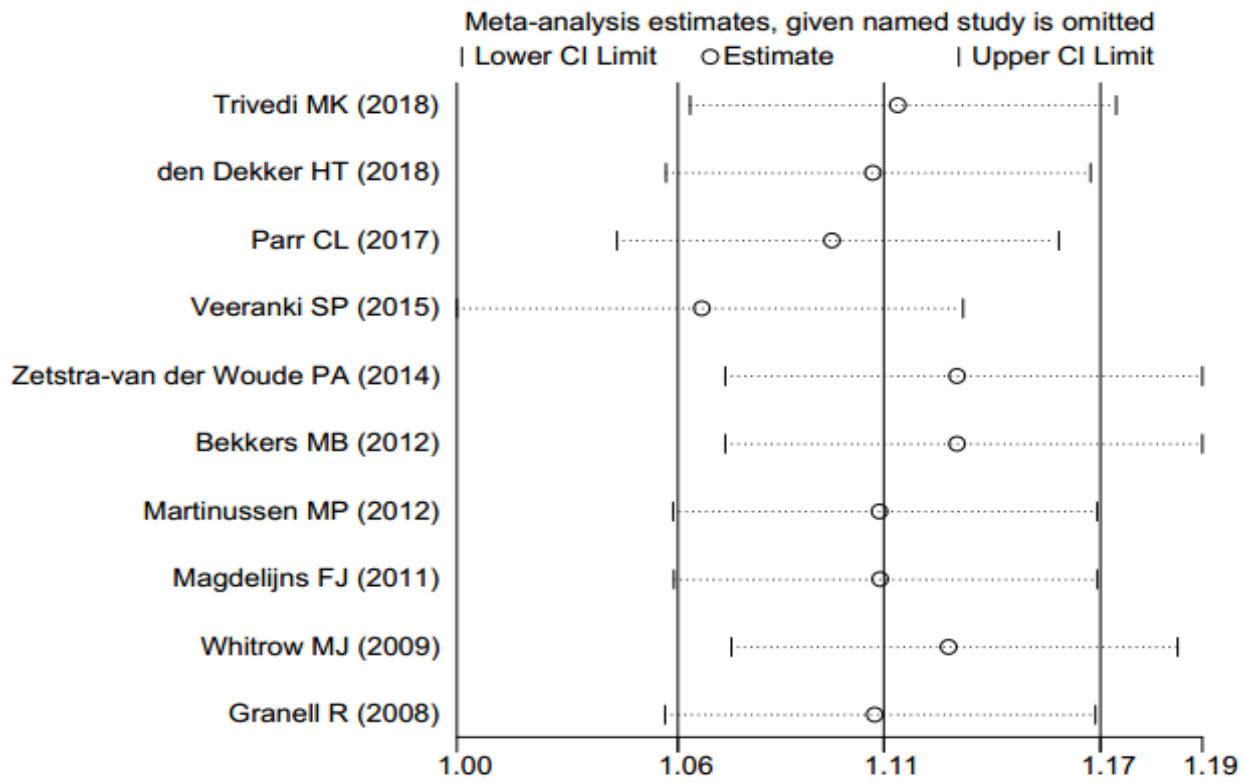
† These authors contributed equally to this work.

* **Corresponding author:** Jiangping Wu, The Affiliated Obstetrics and Gynecology Hospital of Nanjing Medical University, Nanjing Maternity and Child Health Care Hospital, Women's Hospital of Nanjing Medical University, Nanjing, 210004, China, Tel: +86-25-5222-6472, Fax: +86-25-5222-6472, E-mail: wujiangping@njmu.edu.cn Or Kaipeng Xie, Nanjing Maternity and Child Health Care Institute, The Affiliated Obstetrics and Gynecology Hospital of Nanjing Medical University, Nanjing Maternity and Child Health Care Hospital, Nanjing 210004, China. Tel: +86-25-5222-6264, Fax: +86-25-522-26264, E-mail: kaipengxie@njmu.edu.cn.

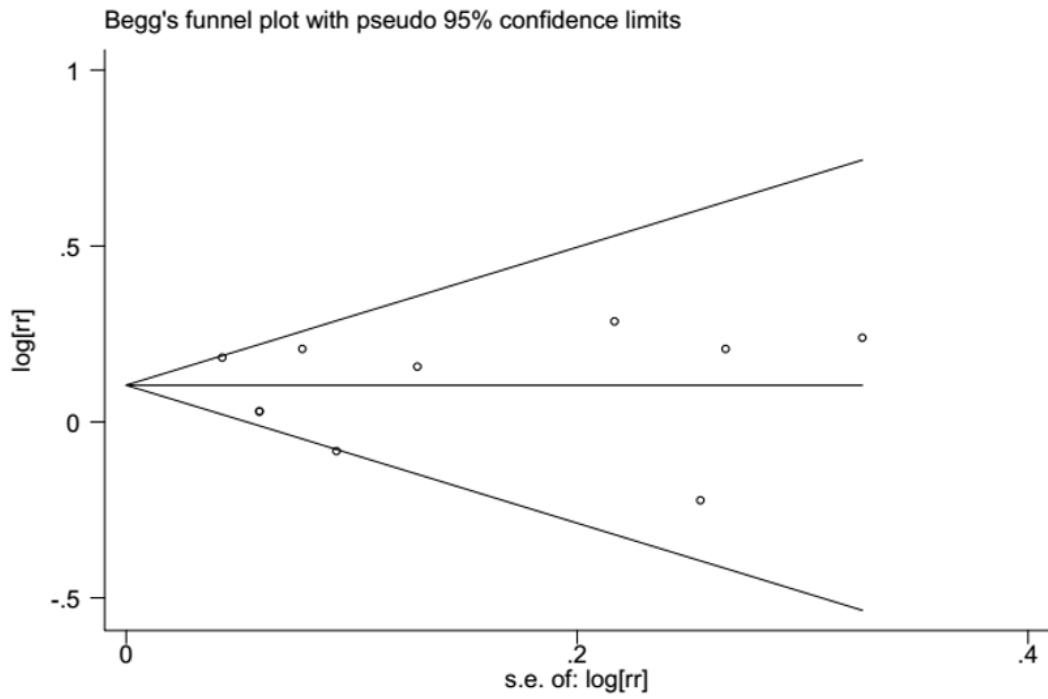
Supplementary table 1. Quality of articles included in the analysis

Article (authors) Conditions	Year	Selection				Comparability		Outcome			NOS score
		1	2	3	4	a	b	1	2	3	
Trivedi MK <i>et al</i> [27]	2018	*	*	-	*	-	*	*	*	*	7
den Dekker HT <i>et al</i> [28]	2018	*	*	-	*	*	-	*	*	*	7
Parr CL <i>et al</i> [29]	2017	*	*	-	*	*	-	*	*	*	7
Veeranki SP <i>et al</i> [30]	2015	*	*	*	-	*	-	*	*	*	7
Zetstra-van der Woude PA <i>et al</i> [31]	2014	*	*	*	*	*	-	*	*	*	8
Bekkers MB <i>et al</i> [32]	2012	*	*	-	*	-	*	-	*	*	6
Martinussen MP <i>et al</i> [33]	2012	*	*	-	*	*	-	-	*	*	6
Magdelijns FJ <i>et al</i> [34]	2011	*	*	-	*	*	-	*	*	*	7
Whitrow MJ <i>et al</i> [35]	2009	*	*	-	*	-	*	-	*	*	6
Granell R <i>et al</i> [38]	2008	*	*	-	*	-	*	-	*	*	6

Note: ‘*’ indicates NOS quality assessment star awarded, ‘-’ indicates that no star was awarded.



Supplementary Figure 1. Sensitivity analyses indicated that the overall RR was not markedly influenced by removing any single study except for Veeranki, S.P. *et al.*



Supplementary Figure 2. Begg's Funnel plot for publication bias of maternal folate intake and infant asthma.