

Supplement tables

Table e1

Example of Search Strategy in Medline

1	(pregnan* or prenatal or antenatal or gestation* or matern* or utero).mp
2	(anxiety or stress* or distress*)mp or Prenatal Exposure Delayed Effects/px
3	1 adj3 2
4	(child* or Adolescen* or Offspring or infant or Toddler or preschool age* or pre-schooler* or school age* or Paediatric or pediatric).mp
5	(Cogniti* or Memory or learning or language or attention or Neuropsych* or inhibiti* or scholastic or executive function* or IQ or inattenti* or impulsiv* or intelligence or intellectual or ADHD or neurocogn*).mp. or cognition/
6	4 and 5
7	3 and 6
8	rat OR rodent OR mice OR animal OR mouse OR lamb OR sheep
9	Limit 7 to editorial OR Limit 7 to letter OR Limit 7 to review OR Limit 7 to case reports
10	7 NOT 8 NOT 9

Table e2*Association Between Prenatal Stress and Anxiety Combined and Offspring Cognitive Outcomes in the Infancy Period*

Outcome	Infancy period only (all exposures)		
	Number of studies (sample size)	Correlations r (95% CI), p-value	I² value, %
General intellectual skills	4 (n = 385)	-0.18 (-0.39; 0.05), 0.13	80.72
Attention	5 (n = 693)	-0.02 (-0.15; 0.11), 0.78	63.41
Expressive language	NA	NA	NA
Receptive language	NA	NA	NA
Composite language	NA	NA	35.74

Working memory	NA	NA	NA
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Table e3

Association Between Prenatal Anxiety and Offspring Cognitive Outcomes

[illegible]

Receptive language	NA	NA	NA	NA	NA	NA	NA	NA	NA
Composite language	NA	NA	35.74	NA	NA	NA	NA	NA	NA
Working memory	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table e4

Association Between Prenatal Stress and Offspring Cognitive Outcomes

Outcome	Perceived stress			Stress response			Infancy period only		
	Number of studies (sample size)	Correlations r (95% CI), p-value	I ² value, %	Number of studies (sample size)	Correlations r (95% CI)	I ² value, %	Number of studies (sample size)	Correlations r (95% CI)	I ² value, %
General intellectual skills	2 (205)	-.25 (-.50; .04), 0.09	76.63	NA	NA	NA	NA	NA	NA

[illegible]