

**Online Table DS1 Outcome measurements per time point**

	Reference group # (n=5,531)	Exposed to depression (n=376)		Exposed to SSRIs (n=69)	
<b><u>Child characteristics</u></b>					
<b>Child behavioral problems (1.5 yrs)</b>					
Age child in months (mean ± SD)	18.4 ± 1.1	18.6 ± 1.3	.02	18.3 ± 0.7	.52
Pervasive developmental problems	1.7 ± 1.9	3.0 ± 2.8	<.001	2.2 ± 2.5	.07
Score above cutoff (n, (%))	102 (1.8)	16 (4.3)		5 (7.2)	
Affective problems (mean ± SD)	1.5 ± 1.6	2.5 ± 2.0	<.001	1.7 ± 1.5	.46
Score above cutoff (n, (%))	447 (8.1)	67 (17.8)		5 (7.2)	
<b>Child behavioral problems (3 yrs.)</b>					
<b><u>Maternal report</u></b>					
Age child in months (mean ± SD)	36.7 ± 1.4	36.8 ± 1.4	.10	37.0 ± 1.6	.18
Pervasive developmental problems	1.9 ± 1.1	3.2 ± 3.0	<.001	2.4 ± 3.2	.17
Score above cutoff (n, (%))	173 (3.1)	26 (6.9)		1 (1.4)	
Affective problems (mean ± SD)	1.4 ± 1.5	2.1 ± 2.1	<.001	1.9 ± 1.8	.04
Score above cutoff (n, (%))	340 (6.1)	36 (9.6)		8 (11.6)	
<b><u>Paternal report</u></b>					
Age child in months (mean ± SD)	36.8 ± 1.5	37.8 ± 1.5	.05	37.1 ± 1.4	.13
Pervasive developmental problems	2.2 ± 2.3	3.2 ± 3.1	<.001	3.4 ± 2.7	.002
Score above cutoff (n, (%))	145 (2.6)	20 (5.3)		5 (7.2)	
Affective problems (mean ± SD)	1.5 ± 1.7	2.4 ± 2.3	<.001	2.0 ± 2.1	.09
Score above cutoff (n, (%))	368 (6.7)	37 (9.8)		5 (7.2)	
<b>Child behavioral problems (6 yrs.)</b>					
Age child in months (mean ± SD)	72.8 ± 5.7	74.3 ± 6.9	<.001	72.7 ± 5.9	.92
Pervasive developmental problems	2.2 ± 2.3	3.4 ± 3.3	<.001	3.8 ± 4.2	<.001
Score above cutoff (n, (%))	258 (4.7)	49 (13.0)		6 (8.7)	
Affective problems (mean ± SD)	1.3 ± 1.6	2.4 ± 2.3	<.001	2.5 ± 2.7	<.001
Score above cutoff (n, (%))	444 (8.0)	71 (18.9)		12 (17.4)	
<b>Autistic traits (6 yrs.)</b>					
Age child in months (mean ± SD)	73.9 ± 5.7	75.0 ± 6.1	.01	74.8 ± 6.0	.29
Total weighted score (mean ± SD)	0.22 ± 0.23	0.34 ± 0.33	<.001	0.41 ± 0.61	<.001

*Table Note:* Reference group: no SSRI use, low score on depression symptoms scale during pregnancy. Exposed to depression: children exposed to clinically relevant depressive symptoms during pregnancy. Exposed to SSRIs: children exposed to SSRIs during pregnancy. P-values are derived from ANOVAs for parametric continuous variables, and  $\chi^2$ -tests for categorical variables with the reference group as the comparison group #.

**Online Table DS2** Standardised head size and pervasive developmental problems

Head size in SD	Pervasive Developmental Problems (Categorical, age 1.5-6 yrs.)			
	<i>N</i>	OR	95%CI	P-value
<u>Model I</u>				
Head size mid pregnancy	5,552	0.91	0.83 to 0.99	.04
Head size in late pregnancy	5,678	0.93	0.87 to 1.01	.09
Head size at birth	5,297	1.14	1.06 to 1.24	.001
<u>Head size at birth stratified by exposure</u>				
Reference group	4,531	1.14	1.04 to 1.24	.004
Exposed to depression	296	1.26	1.00 to 1.60	.05
Exposed to SSRIs	54	1.30	0.55 to 3.10	.54

*Table Note:* Models were constructed using generalized estimating equations models. OR (Odds Ratio) represents the increased or decreased risk for pervasive developmental problems as measured with the CBCL in relation to standardized measures of fetal head size and head size at birth.

Model I was adjusted for maternal age at intake, gender of the child, maternal education, ethnicity, maternal smoking habits, and gestational age at birth.

Reference group: no SSRI use, low score on depression symptoms scale during pregnancy. Exposed to depression: children exposed to clinically relevant depressive symptoms during pregnancy. Exposed to SSRIs: children exposed to SSRIs during pregnancy.