

Supplement 24. Results for mothers outcomes for antidepressant initiation versus no treatment. Sample restricted to pregnancies that could be linked with SES data, fully adjusted model includes variable measuring the IMD decile.

	Multivariable regression				Propensity score matched regression	
	Crude ¹		Fully adjusted ²			
	IRR (95% CI) ³	p-value	IRR (95% CI) ³	p-value	IRR (95% CI) ³	p-value
Number of GP consultations						
During pregnancy	1.28 (1.24, 1.33)	<0.001	1.24 (1.19, 1.28)	<0.001	1.25 (1.19, 1.31)	<0.001
0-6 months after pregnancy	1.15 (1.11, 1.20)	<0.001	1.09 (1.05, 1.13)	<0.001	1.09 (1.04, 1.15)	0.001
6-12 months after pregnancy	1.18 (1.13, 1.24)	<0.001	1.11 (1.06, 1.16)	<0.001	1.10 (1.03, 1.16)	0.003
12-18 months after pregnancy	1.13 (1.08, 1.19)	<0.001	1.08 (1.03, 1.14)	0.003	1.05 (0.98, 1.12)	0.144
18-24 months after pregnancy	1.15 (1.09, 1.21)	<0.001	1.10 (1.04, 1.16)	<0.001	1.09 (1.02, 1.16)	0.013
Number of GP consultations for depression						
During pregnancy	1.77 (1.60, 1.96)	<0.001	1.75 (1.58, 1.95)	<0.001	1.85 (1.64, 2.10)	<0.001
0-6 months after pregnancy	2.19 (1.96, 2.45)	<0.001	2.12 (1.89, 2.38)	<0.001	2.03 (1.75, 2.36)	<0.001
6-12 months after pregnancy	1.82 (1.60, 2.07)	<0.001	1.72 (1.50, 1.96)	<0.001	1.72 (1.45, 2.04)	<0.001
12-18 months after pregnancy	1.68 (1.46, 1.94)	<0.001	1.61 (1.38, 1.86)	<0.001	1.78 (1.45, 2.18)	<0.001
18-24 months after pregnancy	1.57 (1.34, 1.83)	<0.001	1.46 (1.24, 1.71)	<0.001	1.46 (1.19, 1.78)	<0.001
Consulted with GP for self-harm						
During pregnancy	1.96 (0.53, 7.34)	0.316	1.20 (0.25, 5.84)	0.825	n/a	
0-6 months after pregnancy	2.13 (0.75, 6.08)	0.158	1.62 (0.57, 4.61)	0.361	n/a	
6-12 months after pregnancy	4.27 (1.60, 11.38)	0.004	3.56 (1.32, 9.62)	0.012	n/a	
12-18 months after pregnancy	0.91 (0.24, 3.53)	0.894	0.61 (0.09, 4.07)	0.609	n/a	
18-24 months after pregnancy	0.35 (0.04, 2.95)	0.337	0.09 (0.01, 0.76)	0.027	n/a	
Referred by GP to secondary services for depression						
During pregnancy	0.86 (0.54, 1.36)	0.509	0.81 (0.50, 1.30)	0.379	0.71 (0.42, 1.23)	0.221
0-6 months after pregnancy	1.09 (0.62, 1.94)	0.756	0.98 (0.55, 1.75)	0.949	1.56 (0.67, 3.60)	0.301
6-12 months after pregnancy	1.48 (0.81, 2.69)	0.205	1.40 (0.75, 2.63)	0.289	1.56 (0.67, 3.60)	0.301
12-18 months after pregnancy	1.52 (0.78, 2.96)	0.215	1.38 (0.71, 2.69)	0.348	1.86 (0.74, 4.67)	0.187
18-24 months after pregnancy	1.46 (0.68, 3.16)	0.331	1.15 (0.48, 2.76)	0.747	1.57 (0.61, 4.06)	0.350
Prescription status at end of follow-up						
	OR (95% CI) ³	p-value	OR (95% CI) ³	p-value	OR (95% CI) ³	p-value

Prescribed an antidepressant	2.43 (2.13, 2.77)	<0.001	2.32 (2.02, 2.67)	<0.001	2.03 (1.71, 2.41)	<0.001
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Notes: (1) Unadjusted association, (2) Association adjusted for calendar year, maternal age, number of days consulted with GP in year prior to pregnancy, Charlson Comorbidity Index score at conception, past diagnosis of alcohol-related disorders, psychosis, anxiety disorders, self-harm, bipolar affective disorder, eating disorders, personality disorders, sleep disorders and neuropathic pain disorders at conception, use of medications for physical health problems, central nervous system agents, and nutritional supplements during the treatment window, smoking status at conception, any recorded severity of past depressive symptoms, and region of the GP practice. (3) Incidence risk ratio or odds ratio with 95% confidence interval. (4) Multivariable regression estimates based on n=3,633 pregnancies where an antidepressant was initiated and n=7,724 pregnancies where no antidepressants had been prescribed. (5) Propensity score matched regression estimates based on n=3,063 pregnancies where an antidepressant was initiated, and n=3,063 pregnancies where no antidepressants had been prescribed. (6) n/a=Results could not be estimated due to small numbers