

Supplement A. Odds Ratios (OR) and 95% confidence intervals (95% CI) for the incidence and risk of congenital malformations among women exposed to individual SSRIs vs. women with no exposure

	SSRI (n=4183)		Citalopram (n=1606)		Escitalopram (n=293)		Fluoxetine (n=928)		Paroxetine (n=568)		Sertraline (n=817)	
	N (%)	OR (95% CI) ^a	N (%)	OR (95% CI) ^a	N (%)	OR (95% CI) ^a	N (%)	OR (95% CI) ^a	N (%)	OR (95% CI) ^a	N (%)	OR (95% CI) ^a
Congenital malformations	208 (4.97)	1.33 (1.16-1.53)	89 (5.54)	89 (5.54-1.51)	8 (2.73)	0.69 (0.34-1.4)	41 (4.42)	1.18 (0.86-1.61)	26 (4.58)	1.25 (0.84-1.85)	44 (5.39)	1.41 (1.03-1.92)
Major	7 (0.17)	1.13 (0.54-2.39)	2 (0.12)	2 (0.12-0.84)	1 (0.34)	2.25 (0.32-16.05)	2 (0.22)	1.44 (0.36-5.79)	1 (0.18)	1.19 (0.17-8.45)	1 (0.12)	0.85 (0.12-6.07)
Of the nervous system	1 (0.02)	0.73 (0.1-5.21)	-	-	0 (0)	-	1 (0.11)	3.22 (0.45-23.03)	0 (0)	-	0 (0)	-
Neural Tube Defects	7 (0.17)	1.43 (0.68-3.01)	5 (0.31)	5 (0.31-2.62)	0 (0)	-	1 (0.11)	0.93 (0.13-6.63)	0 (0)	-	1 (0.12)	1.05 (0.15-7.45)
Of the eye	2 (0.05)	2.36 (0.58-9.61)	0 (0)	-	0 (0)	-	0 (0)	-	1 (0.18)	8.32 (1.16-59.81)	1 (0.12)	6.13 (0.85-44.05)
Of the ear, face and neck	77 (1.84)	2.01 (1.6-2.53)	28 (1.74)	28 (1.74-1.91)	3 (1.02)	1.06 (0.34-3.3)	17 (1.83)	2.05 (1.27-3.31)	8 (1.41)	1.54 (0.77-3.1)	21 (2.57)	2.73 (1.75-4.26)
Of the heart	49 (1.17)	2.04 (1.53-2.72)	17 (1.06)	17 (1.06-1.86)	2 (0.68)	1.12 (0.28-4.51)	9 (0.97)	1.73 (0.89-3.33)	6 (1.06)	1.89 (0.85-4.23)	15 (1.84)	3.09 (1.82-5.25)
Septal defects	21 (0.5)	1.62 (1.05-2.5)	7 (0.44)	7 (0.44-1.41)	0 (0)	0 (0-0)	3 (0.32)	1.03 (0.33-3.2)	2 (0.35)	1.13 (0.28-4.54)	9 (1.1)	3.6 (1.86-6.96)
Ventricular septal defects	34 (0.81)	2.6 (1.84-3.68)	12 (0.75)	12 (0.75-2.41)	1 (0.34)	1.01 (0.14-7.23)	7 (0.75)	2.53 (1.2-5.32)	6 (1.06)	3.51 (1.57-7.87)	8 (0.98)	2.85 (1.35-5.99)
Atrial septal defects	2 (0.05)	1.25 (0.31-5.02)	0 (0)	-	1 (0.34)	8.71 (1.21-62.64)	0 (0)	-	0 (0)	-	1 (0.12)	3.22 (0.45-23.03)
Atrioventricular septal	7 (0.17)	1.41 (0.67-2.98)	2 (0.12)	2 (0.12-1.03)	1 (0.34)	2.66 (0.37-19.02)	1 (0.11)	0.94 (0.13-6.67)	1 (0.18)	1.52 (0.21-10.8)	2 (0.24)	2.09 (0.52-8.38)
Of the respiratory system	6 (0.14)	1.02 (0.46-2.27)	4 (0.25)	4 (0.25-1.8)	0 (0)	-	1 (0.11)	0.76 (0.11-5.4)	0 (0)	0 (0-0)	1 (0.12)	0.88 (0.12-6.24)
Oro-facial clefts	13 (0.31)	1.8 (1.04-3.12)	7 (0.44)	7 (0.44-2.5)	0 (0)	-	2 (0.22)	1.25 (0.31-5)	2 (0.35)	2.09 (0.52-8.39)	2 (0.24)	1.43 (0.36-5.74)
Of the digestive system	1 (0.02)	1.04 (0.14-7.44)	1 (0.06)	1 (0.06-2.54)	0 (0)	-	0 (0)	-	0 (0)	-	0 (0)	-
Abdominal wall defects	11 (0.26)	0.84 (0.45-1.57)	9 (0.56)	9 (0.56-2.02)	0 (0)	-	0 (0)	-	0 (0)	-	2 (0.24)	0.44 (0.06-3.11)
Of the internal urinary system	19 (0.45)	1.55 (0.99-2.44)	8 (0.5)	8 (0.5-1.7)	1 (0.34)	1.08 (0.15-7.67)	3 (0.32)	1.09 (0.35-3.38)	6 (1.06)	3.83 (1.71-8.57)	1 (0.12)	0.41 (0.06-2.93)
Of the external genital organs	53 (1.27)	0.93 (0.71-1.23)	24 (1.49)	24 (1.49-1.13)	1 (0.34)	0.25 (0.04-1.75)	10 (1.08)	0.76 (0.41-1.42)	7 (1.23)	0.91 (0.43-1.92)	11 (1.35)	1 (0.55-1.81)
Of the limbs	8 (0.19)	1.29 (0.64-2.59)	3 (0.19)	3 (0.19-1.25)	1 (0.34)	2.18 (0.31-15.57)	2 (0.22)	1.46 (0.36-5.85)	1 (0.18)	1.2 (0.17-8.55)	1 (0.12)	0.83 (0.12-5.9)
Of the musculoskeletal system	7 (0.17)	1.57 (0.74-3.31)	1 (0.06)	1 (0.06-0.59)	0 (0)	-	1 (0.11)	0.97 (0.14-6.92)	3 (0.53)	4.65 (1.49-14.53)	2 (0.24)	2.35 (0.59-9.45)
Chromosomal abnormalities												

Other malformations	9 (0.22)	1.36 (0.68-2.74)	4 (0.25)	4 (0.25-1.32)	0 (0)	-	4 (0.43)	3.08 (1.15-8.23)	0 (0)	-	1 (0.12)	0.88 (0.12-6.28)
And teratogenic syndromes	2 (0.05)	2.78 (0.67-11.6)	1 (0.06)	1 (0.06-3.58)	0 (0)	-	0 (0)	-	0 (0)	-	1 (0.12)	10.13 (1.36-75.44)
Genetic syndromes	1 (0.02)	0.39 (0.06-2.78)	0 (0)	-	0 (0)	-	1 (0.11)	1.79 (0.25-12.76)	0 (0)	-	0 (0)	-

Incidence is presented as number of cases (N) with percentages (%). Estimates of multivariable logistic regressions are presented as Odds Ratios (OR) with 95% confidence intervals (95% CI) ^aMultivariable logistic regressions are adjusted for mother's age, parity, income, education, smoking and year of conception.