

**Appendix 5 (as supplied by the authors):** Adjusted relative risks for rapid repeat pregnancy among women with versus without intellectual and developmental disabilities after adding individual covariates to the unadjusted models

Covariate added to the unadjusted model	Rapid repeat pregnancy within 12 months		Rapid repeat pregnancy within 12 months among primiparous women		Rapid repeat pregnancy within 18 months		Rapid repeat pregnancy within 24 months	
	Adjusted RR (95% CI) for disability status <sup>a</sup>	% change in $\beta$ <sup>b</sup>	Adjusted RR (95% CI) for disability status <sup>a</sup>	% change in $\beta$ <sup>b</sup>	Adjusted RR (95% CI) for disability status <sup>a</sup>	% change in $\beta$ <sup>b</sup>	Adjusted RR (95% CI) for disability status <sup>a</sup>	% change in $\beta$ <sup>b</sup>
Age <25 years	1.36 (1.20-1.56)	52.9	1.28 (1.10-1.51)	62.2	1.32 (1.21-1.44)	46.0	1.13 (1.05-1.21)	53.6
Multiparity at the index livebirth	1.94 (1.70-2.22)	0.2	---	---	1.70 (1.56-1.85)	-2.0	1.33 (1.24-1.42)	-7.2
Urban region of residence	1.95 (1.70-2.23)	-0.4	1.93 (1.65-2.27)	0.2	1.67 (1.53-1.82)	1.1	1.29 (1.21-1.39)	2.7
Low neighbourhood income quintile (Q1-Q2)	1.72 (1.51-1.97)	18.0	1.75 (1.49-2.05)	15.5	1.57 (1.44-1.71)	12.6	1.27 (1.19-1.36)	9.0
Receiving social assistance	1.23 (1.07-1.41)	69.0	1.24 (1.05-1.45)	67.7	1.29 (1.18-1.40)	51.1	1.16 (1.08-1.25)	42.7
Presence of stable chronic medical condition	1.96 (1.72-2.24)	-1.2	1.95 (1.67-2.29)	-1.4	1.69 (1.55-1.84)	-1.4	1.31 (1.22-1.41)	-3.4
Presence of unstable chronic medical condition	1.95 (1.71-2.23)	-0.7	1.95 (1.66-2.28)	-0.9	1.68 (1.55-1.83)	-0.6	1.31 (1.22-1.40)	-1.4
Presence of mental illness or substance use disorder	1.85 (1.62-2.11)	7.6	1.85 (1.58-2.17)	6.9	1.64 (1.50-1.78)	4.8	1.29 (1.21-1.39)	2.2
Infrequent use or low continuity of primary care	1.29 (1.26-1.32)	2.3	1.92 (1.64-2.25)	1.6	1.66 (1.53-1.81)	1.8	1.30 (1.21-1.39)	1.6

<sup>a</sup> Model contains disability status and the covariate under consideration.

<sup>b</sup> Represents change in  $\beta$  between the model containing disability status only and the model containing disability status and the covariate under consideration.