

Appendix 3 (as supplied by the authors): Unadjusted and adjusted relative risks for rapid repeat pregnancy occurring within 18 months of a prior livebirth among women with and without intellectual and developmental disabilities

Measure	N (%) with rapid repeat pregnancy ^a	Unadjusted RR (95% CI)	Model 1 adjusted RR (95% CI)	Model 2 adjusted RR (95% CI)
Intellectual and developmental disabilities				
Absent	102,331 (11.1)	1.00 (Reference)	1.00 (Reference)	1.00 (Reference)
Present	531 (18.6)	1.68 (1.54-1.83)	1.33 (1.22-1.45)	1.10 (1.01-1.20)
Age				
≥25 years	69,499 (9.2)	1.00 (Reference)	1.00 (Reference)	1.00 (Reference)
<25 years	33,363 (19.7)	2.14 (2.11-2.17)	2.10 (2.07-2.13)	1.93 (1.91-1.96)
Parity at the index livebirth				
Primiparous	82,499 (11.8)	1.00 (Reference)	1.00 (Reference)	1.00 (Reference)
Multiparous	20,363 (9.1)	0.77 (0.76-0.79)	0.87 (0.86-0.88)	0.85 (0.84-0.86)
Region of residence				
Rural	10,356 (11.7)	1.00 (Reference)	1.00 (Reference)	1.00 (Reference)
Urban	92,475 (11.0)	0.95 (0.93-0.96)	1.04 (1.02-1.06)	1.02 (1.00-1.05)
Neighbourhood income quintile (Q)				
Q3-Q5 (mid to high)	52,362 (9.6)	1.00 (Reference)	1.00 (Reference)	1.00 (Reference)
Q1-Q2 (low)	49,921 (13.2)	1.37 (1.35-1.38)	---	1.20 (1.19-1.22)
Social assistance				
Not receiving	95,692 (10.7)	1.00 (Reference)	1.00 (Reference)	1.00 (Reference)
Receiving	7,170 (20.3)	1.89 (1.85-1.94)	---	1.46 (1.42-1.50)
Stable chronic medical condition				
Absent	76,361 (11.3)	1.00 (Reference)	1.00 (Reference)	1.00 (Reference)
Present	26,501 (10.5)	0.92 (0.91-0.94)	---	0.97 (0.96-0.98)
Unstable chronic medical condition				
Absent	89,676 (11.2)	1.00 (Reference)	1.00 (Reference)	1.00 (Reference)
Present	13,186 (10.8)	0.96 (0.95-0.98)	---	0.99 (0.97-1.00)
Mental illness or substance use disorder				
Absent	71,305 (10.8)	1.00 (Reference)	1.00 (Reference)	1.00 (Reference)
Present	31,557 (12.0)	1.11 (1.09-1.12)	---	1.07 (1.06-1.09)
Continuity of primary care				
Moderate to high continuity	72,694 (10.6)	1.00 (Reference)	1.00 (Reference)	1.00 (Reference)
Infrequent use or low continuity	30,168 (12.5)	1.17 (1.16-1.19)	---	1.09 (1.08-1.11)

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^a Rapid repeat pregnancies among women with intellectual and developmental disabilities most often ended in livebirths (56.7%), followed by induced abortion (29.0%) and pregnancy loss (14.3%), compared to livebirth (49.5%), induced abortion (32.7%), and pregnancy loss (17.8%) in women without intellectual and developmental disabilities.