

Appendix 4 (as supplied by the authors): Unadjusted and adjusted relative risks for rapid repeat pregnancy occurring within 24 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	199,419 (21.6)	1.00 (Reference)	1.00 (Reference)	1.00 (Reference)
Present	803 (28.1)	1.30 (1.22-1.40)	1.16 (1.08-1.24)	1.06 (0.99-1.14)
Age				
≥25 years	147,593 (19.5)	1.00 (Reference)	1.00 (Reference)	1.00 (Reference)
<25 years	52,629 (31.0)	1.59 (1.68-1.61)	1.48 (1.46-1.49)	1.44 (1.43-1.46)
Parity at the index livebirth				
Primiparous	168,052 (23.9)	1.00 (Reference)	1.00 (Reference)	1.00 (Reference)
Multiparous	32,170 (14.4)	0.60 (0.59-0.61)	0.63 (0.62-0.64)	0.63 (0.62-0.63)
Region of residence				
Rural	21,196 (23.9)	1.00 (Reference)	1.00 (Reference)	1.00 (Reference)
Urban	178,968 (21.4)	0.89 (0.88-0.91)	0.91 (0.90-0.93)	0.91 (0.90-0.93)
Neighbourhood income quintile (Q)				
Q3-Q5 (mid to high)	112,681 (20.7)	1.00 (Reference)	1.00 (Reference)	1.00 (Reference)
Q1-Q2 (low)	86,582 (22.8)	1.10 (1.09-1.11)	---	1.03 (1.02-1.04)
Social assistance				
Not receiving	190,098 (21.3)	1.00 (Reference)	1.00 (Reference)	1.00 (Reference)
Receiving	10,124 (28.7)	1.35 (1.32-1.37)	---	1.26 (1.23-1.28)
Stable chronic medical condition				
Absent	149,393 (22.2)	1.00 (Reference)	1.00 (Reference)	1.00 (Reference)
Present	50,829 (20.1)	0.91 (0.90-0.91)	---	0.95 (0.94-0.96)
Unstable chronic medical condition				
Absent	174,798 (21.8)	1.00 (Reference)	1.00 (Reference)	1.00 (Reference)
Present	25,424 (20.7)	0.95 (0.94-0.97)	---	0.98 (0.97-0.99)
Mental illness or substance use disorder				
Absent	142,098 (21.5)	1.00 (Reference)	1.00 (Reference)	1.00 (Reference)
Present	58,124 (22.0)	1.03 (1.02-1.04)	---	1.03 (1.02-1.04)
Continuity of primary care				
Moderate to high continuity	145,088 (21.2)	1.00 (Reference)	1.00 (Reference)	1.00 (Reference)
Infrequent use or low continuity	55,134 (22.8)	1.07 (1.06-1.08)	---	1.03 (1.02-1.04)

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^a Rapid repeat pregnancies among women with intellectual and developmental disabilities most often ended in livebirths (62.8%), followed by induced abortion (23.4%) and pregnancy loss (13.8%), compared to livebirth (65.2%), induced abortion (20.9%), and pregnancy loss (13.9%) in women without intellectual and developmental disabilities