

Supplementary Table.

Adjusted odds ratios for the interpregnancy interval and autism spectrum disorder among second-born children from sibling pairs born in Manitoba to the same mother between January 1, 1988 and March 31, 2005, where no record of autism spectrum disorder found for first-born siblings, stratified by second child's sex, intellectual disability (child), year of birth, and maternal age at delivery

	Adjusted* OR (95% CI)			
	Case Group 2†		Case Group 3‡	
	Interpregnancy interval, months		Interpregnancy interval, months	
	<12	12–23	<12	12–23
Child's sex				
Boy	1.29 (0.89-1.87)	1.15 (0.82-1.63)	1.80 (0.93-3.48)	1.83 (1.00-3.36)
Girl	1.64 (0.78-3.47)	1.35 (0.67-2.74)	1.48 (0.47-4.63)	0.92 (0.30-2.79)
p-value	.57	.69	.77	.28
Intellectual disability (child)				
Yes	1.32 (0.62-2.81)	2.50 (1.25-4.98)	1.25 (0.45-3.46)	2.69 (1.10-6.61)
No	1.39 (0.97-2.00)	0.98 (0.69-1.38)	2.01 (1.02-3.96)	1.18 (0.61-2.28)
p-value	.90	.02	.44	.14
Year of birth				
1998 or earlier	1.37 (0.88-2.13)	1.19 (0.78-1.80)	1.39 (0.71-2.70)	1.21 (0.65-2.25)
1999 or later	1.34 (0.79-2.25)	1.20 (0.76-1.91)	2.42 (0.75-7.80)	2.80 (1.00-7.84)
p-value	.94	.96	.42	.17
Maternal age at delivery, years				
≥35	1.03 (0.43-2.47)	0.96 (0.46-2.03)	0.72 (0.20-2.65)	1.04 (0.38-2.89)
30–34	2.07 (1.14-3.76)	1.60 (0.94-2.71)	4.84 (1.53-15.38)	4.20 (1.44-12.25)
30–34	1.12 (0.71-1.75)	1.02 (0.66-1.59)	1.14 (0.51-2.58)	0.93 (0.41-2.09)
<30				

p-value	.22	.37	.06	.07
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OR: Odds ratio

CI: Confidence interval

Note: In all cases, the reference category is ≥ 36 months. P-values are based on contrast tests.

* Models adjusted for child's sex, mean-centered birth year, mean-centered birth year squared, intellectual disability (child), maternal age at delivery, whether mother ever received income assistance

† At least two autism spectrum disorder (ASD) codes in one of the following databases: Medical Services, Hospital Discharge Abstracts or Education; or at least one ASD code in two or more of the following databases: Medical Services, Hospital Discharge Abstracts, Education, or Children's Special Services dataset

‡ Record in the Children's Special Services dataset