

Appendix 6. SARS-CoV-2 vaccination analysis hard-matched on age

Supplementary Table 5. SARS-CoV-2 vaccination among birthing persons <25 years

	Unadjusted Model	Adjusted Matched Model
	Relative Risk (95% CI)	Adjusted Relative Risk (95% CI)
SARS-CoV-2 vaccine		
First dose ^a	0.71 (0.69-0.74)	0.78 (0.75-0.81)
Second dose ^a	0.65 (0.62-0.67)	0.71 (0.69-0.74)
^a Vaccine records were examined between December 1, 2020, and June 30, 2022.		

Supplementary Table 6. Factors associated with first and second SARS-CoV-2 vaccine doses (<25 years and general population – Unmatched cohort)

	SARS-CoV-2 Dose 1	SARS-CoV-2 Dose 2
	Adjusted Relative Risk (95% CI)	Adjusted Relative Risk (95% CI)
Population Group		
Group		
Not pregnant ^a	-	-
2022 birth group	0.77 (0.75-0.79)	0.71 (0.68-0.74)
Sociodemographic Characteristics		
Age (years)	1.00 (1.00-1.00)	1.00 (1.00-1.00)
Rural residence	0.96 (0.95-0.96)	0.95 (0.94-0.95)
Neighbourhood-level Ethnocultural composition	-	-
1, least diversity ^a	1.00 (1.00-1.01)	1.00 (1.00-1.01)
2	1.01 (1.00-1.01)	1.01 (1.00-1.01)
3	1.01 (1.00-1.01)	1.01 (1.01-1.01)
4	1.01 (1.00-1.01)	1.01 (1.01-1.02)
5, greatest diversity		
Neighbourhood-level Economic dependency	-	-
1, least dependency ^a	0.99 (0.98-0.99)	0.98 (0.98-0.99)
2	0.99 (0.98-0.99)	0.98 (0.97-0.98)
3	0.98 (0.98-0.98)	0.98 (0.97-0.98)
4		
5, greatest dependency	-	-
Neighbourhood-level Residential instability	0.99 (0.99-0.99)	0.99 (0.99-0.99)
1, least instability ^a	0.98 (0.98-0.99)	0.98 (0.98-0.98)
2	0.98 (0.97-0.98)	0.97 (0.97-0.97)
3	0.96 (0.96-0.97)	0.95 (0.95-0.95)
4		
5, greatest instability		
Perinatal Health Services Contact		
Parity		
0 ^a	-	-

Appendix 6, as supplied by the authors. Appendix to: Greyson D, Correia R, Howard M, et al. SARS-CoV-2, Tdap, and influenza vaccination during pregnancy from 2019 to 2022 in Ontario, Canada: a population-based retrospective cohort study. *CMAJ* 2024. doi: 10.1503/cmaj.231522. Copyright © 2024 The Author(s) or their employer(s). To receive this resource in an accessible format, please contact us at cmajgroup@cmaj.ca.

1	0.81 (0.80-0.82)	0.76 (0.75-0.77)
2	0.74 (0.73-0.76)	0.69 (0.67-0.70)
3 or more	0.69 (0.66-0.72)	0.61 (0.57-0.64)
^a Reference group		