

Univariate Analysis for All Study Intervals, OR (95% CI)

Variable	Entire Study Interval (Jan. 2010–Dec. 2023)	Pandemic Interval (Sep 2018–Feb 2023)	Legislation Interval (Jan 2019–Dec 2023)
Gender			
Female	Reference	Reference	Reference
Male	1.93 (1.70, 2.19)	1.61 (1.33, 1.94)	1.75 (1.48, 2.08)
School Type			
Virtual	Reference	Reference	Reference
In person	0.83 (0.73, 0.94)	0.75 (0.63, 0.89)	1.18 (1.01, 1.37)
Hybrid	0.59 (0.45, 0.79)	0.59 (0.45, 0.79)	0.72 (0.54, 0.96)
SVI Quartile			
Q1	Reference	Reference	Reference
Q2	1.24 (1.08, 1.44)	1.50 (1.20, 1.88)	1.45 (1.17, 1.78)
Q3	1.46 (1.27, 1.69)	1.52 (1.21, 1.91)	1.59 (1.29, 1.96)
Q4	1.73 (1.49, 2.00)	1.52 (1.20, 1.92)	1.82 (1.48, 2.26)
Age Group			
0–4 yrs	Reference	Reference	Reference
5–10 yrs	1.19 (0.97, 1.47)	1.21 (0.87, 1.68)	1.13 (0.84, 1.51)
11–13 yrs	1.30 (1.07, 1.60)	1.19 (0.86, 1.66)	1.14 (0.85, 1.54)
14–18 yrs	2.97 (2.50, 3.53)	2.92 (2.21, 3.84)	3.03 (2.39, 3.85)
Race			
White	Reference	Reference	Reference
Black	1.96 (1.69, 2.27)	2.41 (1.88, 3.09)	2.52 (1.99, 3.21)
Other	0.73(0.58, 0.92)	0.87 (0.59, 1.28)	0.92 (0.65, 1.31)
Pandemic ^a as risk factor			
Pre-pandemic		Reference	
Pandemic		1.1414 (0.94, 27.66)	
Post-Pandemic		0.97 (0.74, 1.27)	
Firearm Legislation ^a as risk factor			
Pre-Law			Reference
Post-Law			1.23(1.07, 1.43)

^a Indicates variable itself as risk factor for firearm injury, only subjects during this interval were exposed to this risk factor

Abbreviations: OR=odds ratio; Q=quartile; SVI=Social Vulnerability Index.