

Table S1. Multivariable modified Poisson regression models for sexual minority status and suicide outcomes: sensitivity analysis.

	Suicidal ideation n=6,800; n _{events} = 980			Suicide attempt n=6,795; n _{events} = 480		
	RR	95% CI		RR	95% CI	
Sexual minority status						
Heterosexual (referent)	-	-	-	-	-	-
Boys attracted to boys	1.87	0.80	4.38	3.39	0.50	22.1
Girls attracted to girls	3.07	2.20	4.29	2.86	1.57	5.20
Attracted to >1 gender	2.72	2.17	3.42	3.72	2.68	5.15
Transgender	4.21	3.10	5.73	6.54	4.14	10.3
Not sure	1.19	0.83	1.70	1.78	1.09	2.91

Note. Analyses adjusted for low income, rural residence, visible minority status, sex at birth, and age.

Table S2. Multivariable modified Poisson regression models for the relationships between sexual attraction and suicide outcomes, stratified by sex assigned at birth.

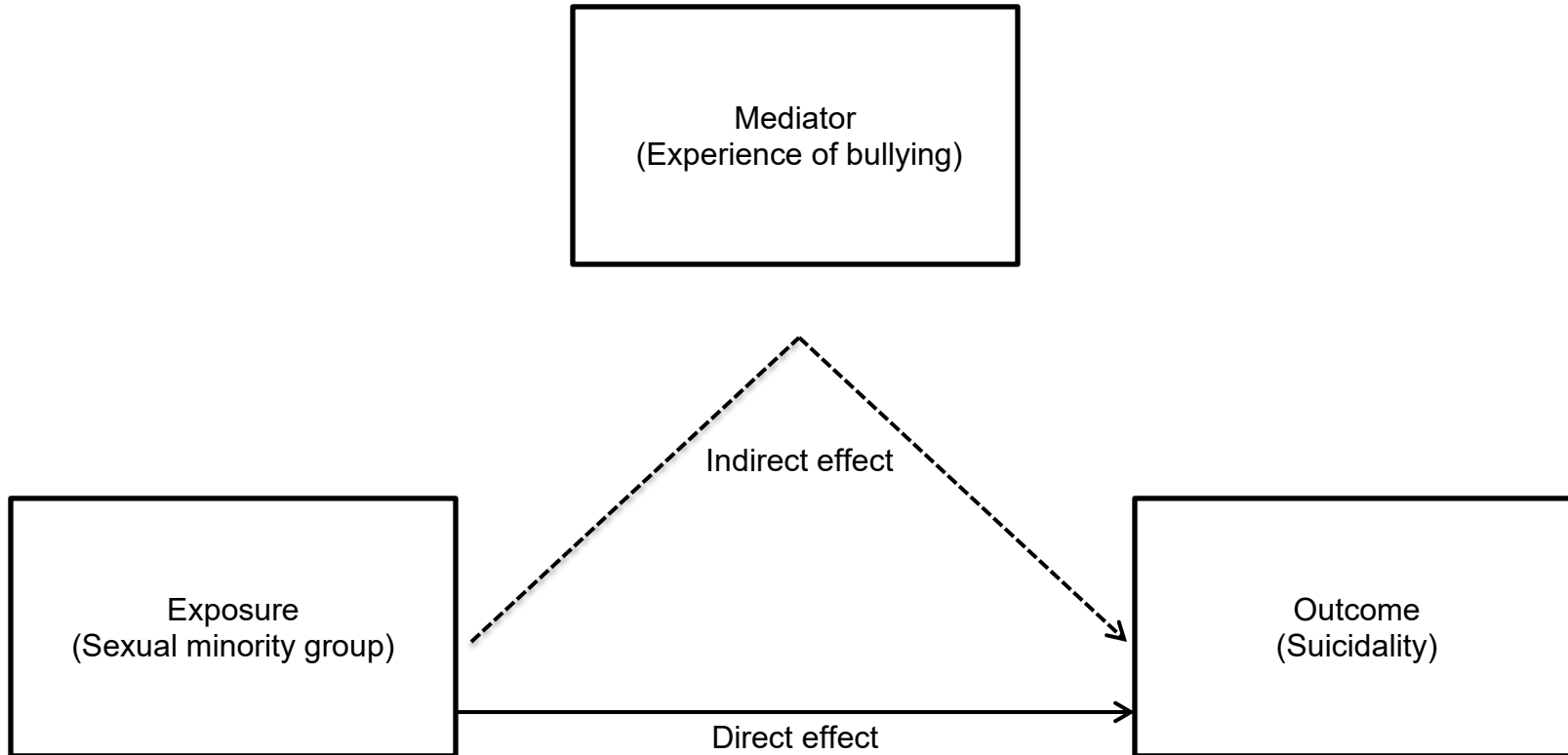
	Suicidal Ideation						Suicide Attempt						
	RR	Males		Females		RR	Males		Females		RR	Females	
		95% CI	95% CI	RR	95% CI		95% CI	95% CI	RR	95% CI		RR	95% CI
Sexual attraction													
Only opposite gender (referent)	-			-			-			-			
Both genders equally /mostly opposite gender	2.81	2.09	3.79	2.41	1.96	2.97	3.64	2.24	5.90	2.63	1.94	3.56	
Mostly or only same gender	2.09	0.88	4.97	3.61	2.55	5.10	3.82	0.56	26.1	3.28	1.81	5.94	
Not sure	1.22	0.60	2.45	1.45	0.93	2.27	2.26	0.83	6.17	2.00	1.09	3.67	

Note. To ensure minimum cell sizes were met (per Statistics Canada guidelines), transgender participants were excluded from this analysis. Attraction*sex interaction was not significant (p > .05). Models adjusted for income, rural residence, visible minority status, and age.

Table S3. Multivariable Poisson regression models for sexual minority status and suicide outcomes, unadjusted for sex assigned at birth

	Suicidal ideation n=6,800; n _{events} = 980			Suicide attempt (n=6,795; n _{events} = 480)		
	RR	95% CI		RR	95% CI	
Sexual minority status						
Heterosexual (referent)	-	-	-	-	-	-
Boys attracted to boys	1.69	0.73	3.93	2.88	0.42	19.5
Girls attracted to girls	4.48	3.23	6.21	4.29	2.37	7.76
Attracted to >1 gender	2.75	2.33	3.24	3.16	2.46	4.08
Transgender	5.59	4.07	7.67	8.82	5.43	14.3
Not sure	1.43	0.99	2.05	2.13	1.28	3.52
Low family income	0.85	0.67	1.08	1.00	0.69	1.44
Rural residence	0.85	0.70	1.04	1.10	0.82	1.47
Visible minority member	1.08	0.92	1.28	1.14	0.88	1.46
Age						
15 years (referent)	-	-	-	-	-	-
16 years	1.09	0.90	1.31	1.32	1.00	1.74
17 years	0.99	0.82	1.20	1.40	1.05	1.86

Figure S1. Sample mediation model



Resources

Trans Suicide Prevention and Mental Health Promotion Toolkit	https://www.wisdom2action.org/trans-suicide-prevention-and-mental-health-promotion-toolkit/
Raising the Bar for 2SLGBTQ+ Youth	https://www.wisdom2action.org/raisingthebar/
Doing Better for 2SLGBTQ+ Communities in Health and Social Services	https://www.wisdom2action.org/doing-better-for-2slgbtq-communities-in-health-and-social-services/
Trauma Informed Youth Engagement	https://www.wisdom2action.org/trauma-informed-youth-engagement/
More resources can be found at	Wisdom2action.org/resources