

Table S4. Female poisson risk ratios and unimputed odds ratios for poor physical health, poor mental health, binge drinking, using illicit drugs, and using cannabis across sex and sexual orientation for Canadians

Sexual Orientation	Risk Ratio (95% CI)	p-value	Odds Ratio (95% CI)	p-value
Model	Poisson models		Unimputed models	
	Model 6c: Poor Mental Health (Female)		Model 6d: Poor Mental Health (Female)	
Heterosexual	Reference		Reference	
Homosexual	1.26 (0.96-1.65)	0.090	1.33 (0.95-1.86)	0.099
Bisexual	2.64 (2.21-3.17)	0.000	3.47 (2.64-4.57)	0.000
Don't Know	1.03 (0.63-1.68)	0.904	1.18 (0.61-2.29)	0.627
Refuse	1.30 (0.78-2.18)	0.317	0.88 (0.41-1.90)	0.749
	Model 7c: Poor Physical Health (Female)		Model 7d: Poor Physical Health (Female)	
Heterosexual	Reference		Reference	
Homosexual	1.13 (0.87-1.46)	0.369	1.22 (0.86-1.73)	0.267
Bisexual	2.00 (1.65-2.41)	0.000	2.53 (1.89-3.40)	0.000
Don't Know	0.87 (0.56-1.36)	0.532	0.69 (0.36-1.33)	0.266
Refuse	1.16 (0.71-1.89)	0.563	1.35 (0.58-3.16)	0.492
	Model 8c: Binge Drinks Alcohol (Female)		Model 8d: Binge Drinks Alcohol (Female)	
Heterosexual	Reference		Reference	
Homosexual	1.20 (1.08-1.33)	0.001	1.53 (1.14-2.05)	0.005
Bisexual	1.21 (1.13-1.30)	0.000	1.61 (1.28-2.03)	0.000
Don't Know	0.50 (0.35-0.70)	0.000	0.33 (0.21-0.54)	0.000
Refuse	0.67 (0.45-1.00)	0.050	0.58 (0.26-1.32)	0.196
	Model 9c: Uses Illicit Drugs (Female)		Model 9d: Uses Illicit Drugs (Female)	
Heterosexual	Reference		Reference	
Homosexual	1.74 (1.27-2.38)	0.001	1.85 (1.26-2.71)	0.002
Bisexual	2.08 (1.61-2.67)	0.000	2.32 (1.62-3.30)	0.000
Don't Know	0.30 (0.09-0.99)	0.047	0.22 (0.04-1.17)	0.076
Refuse	0.69 (0.21-2.21)	0.526	0.48 (0.14-1.67)	0.249
	Model 10c: Uses Cannabis (Female)		Model 10d: Uses Cannabis (Female)	
Heterosexual	Reference		Reference	

Homosexual	1.68 (1.22-2.31)	0.002	1.79 (1.21-2.64)	0.003
Bisexual	2.07 (1.62-2.65)	0.000	2.36 (1.66-3.34)	0.000
Don't Know	0.36 (0.13-1.03)	0.056	0.31 (0.08-1.16)	0.081
Refuse	0.66 (0.21-2.09)	0.476	0.45 (0.12-1.62)	0.220

Note **Data pooled from 2009 to 2014, total weighted sample size n=19,980,000 individuals. Adjusted models are controlled for variables including year of birth, marital status, educational attainment, student status, self-reported ethnic minority status, employment status, rurality status, province of residence, year of interview, and federal income.**