Supplementary File A

Logistic regression models predicting likelihood of missing data within measures of cannabis use, depression, and anxiety across sociodemographic characteristics of high school students participating in the COMPASS study in 2017-2018 (BC, AB, ON, and QC, Canada).

Measure	Model I AOR	Model I 99% CI	Model II AOR	Model II 99% CI	Model III AOR	Model III 99% CI
Sex						
Female (*ref.*)	1.00		1.00		1.00	
Male	**1.69**	**[1.38, 2.05]**	**1.12**	**[1.03, 1.22]**	**1.18**	**[1.10, 1.25]**
Grade						
9 (*ref.*)	1.00		1.00		1.00	
10	0.86	[0.66, 1.13]	0.92	[0.82, 1.04]	**0.85**	**[0.78, 0.93]**
11	0.80	[0.60, 1.06]	**0.83**	**[0.73, 0.94]**	**0.73**	**[0.67, 0.81]**
12	0.84	[0.62, 1.14]	**0.85**	**[0.74, 0.99]**	**0.70**	**[0.63, 0.78]**
Other	1.51	[0.93, 2.47]	**1.39**	**[1.17, 1.65]**	**1.38**	**[1.20, 1.58]**
Ethnicity						
White (*ref.*)	1.00		1.00		1.00	
FNMI	**2.26**	**[1.59, 3.23]**	**1.47**	**[1.23, 1.76]**	**1.28**	**[1.12, 1.47]**
Other	**2.39**	**[1.92, 2.96]**	**1.68**	**[1.52, 1.85]**	**1.44**	**[1.33, 1.55]**
Weekly spending money						
Zero (*ref.*)	1.00		1.00		1.00	
$1 to $20	0.81	[0.62, 1.06]	1.01	[0.90, 1.14]	1.02	[0.93, 1.11]
$21 to $100	0.91	[0.69, 1.20]	1.03	[0.91, 1.16]	1.01	[0.93, 1.11]
$100+	1.07	[0.80, 1.44]	1.11	[0.97, 1.27]	1.08	[0.97, 1.20]
Province						
Alberta (*ref.*)	1.00		1.00		1.00	
B.C.	1.38	[0.78, 2.42]	**1.58**	**[1.21, 2.05]**	**1.46**	**[1.22, 1.74]**
Ontario	**1.74**	**[1.02, 2.98]**	**1.71**	**[1.34, 2.19]**	**1.47**	**[1.24, 1.74]**
Québec	0.89	[0.46, 1.61]	**1.65**	**[1.26, 2.15]**	0.97	[0.80, 1.17]

Model I predicts the likelihood of missing cannabis use data.

Model II predicts the likelihood of missing anxiety (GAD-7) data.

Model III predicts the likelihood of missing depression (CESD-R-10) data.

Note. AOR = adjusted odds ratio. CI = confidence interval. *Ref.* = reference category. FNMI = First Nations, Métis, and Inuit. SE = standard error. Bold values indicate significance at α < .01.