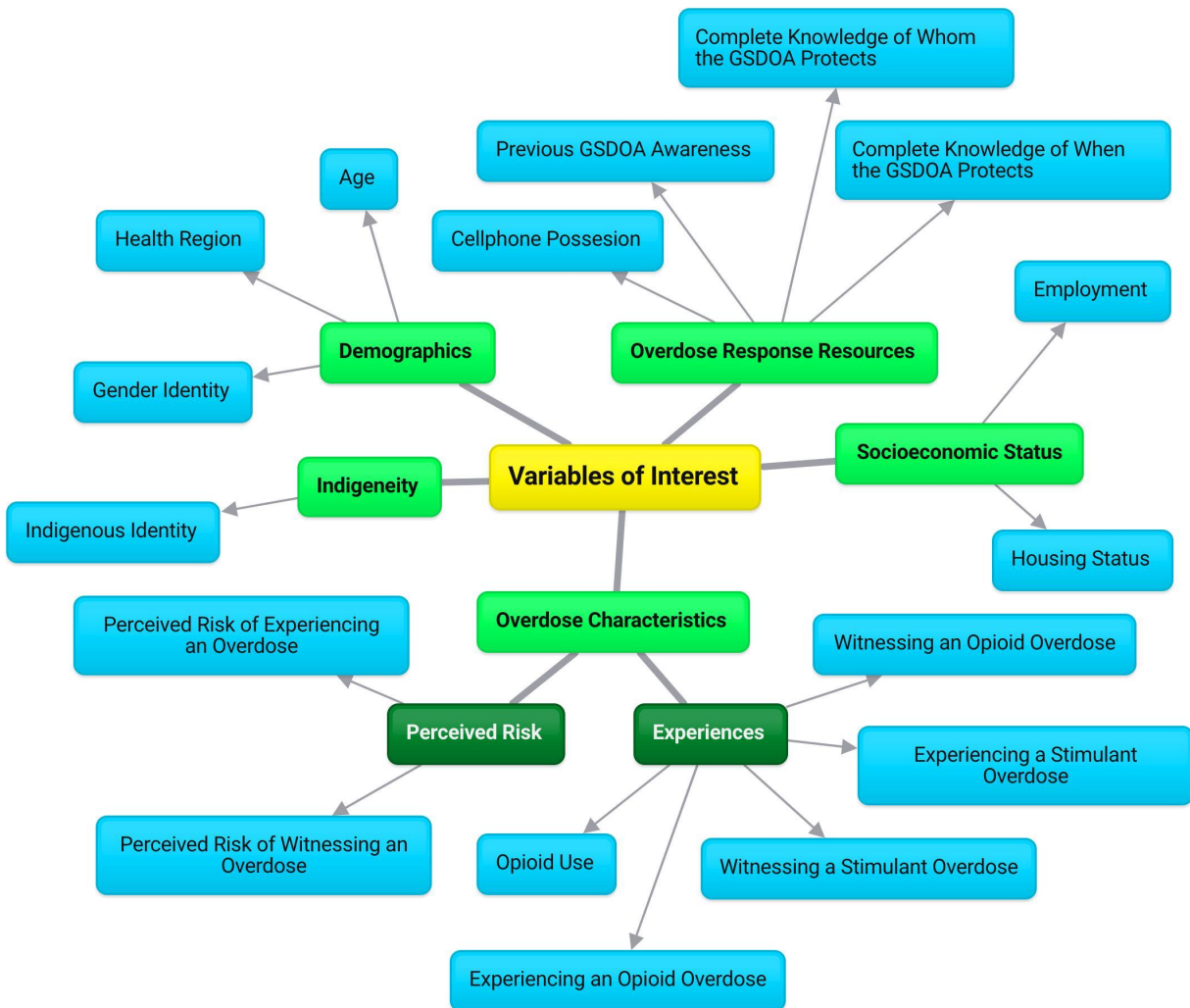


Additional File 2



Supplementary Figure 1. Concept map of study variables of interest used to inform the development of a hierarchical regression model. Variables (blue) were assembled into categories (green) and subcategories (dark green) with categories ultimately becoming the “blocks” upon which the regression was built.

Supplementary Table 1. Adjusted odds ratios (AOR) for predictors of intention to call 9-1-1 with multiple imputations by chained equation (MICE).

	Calling 911 at an OD event	
	Block 5 (OD Characteristics) ^a AOR (95% CI)	Imputed Block 5 (OD Characteristics) ^b AOR (95% CI)
Demographic Characteristics		
<i>Age (years)</i>		
16 – 24	—	—
25 – 34	0.20 (0.04, 0.98) *	0.24 (0.08, 0.76) *
35 – 44	0.24 (0.05, 1.18)	0.33 (0.11, 1.06)
45 – 54	0.55 (0.10, 3.07)	0.78 (0.20, 3.03)
55 +	0.17 (0.03, 0.90) *	0.40 (0.12, 1.36)
<i>Gender</i>		
Cis man	—	—
Cis woman	3.37 (1.19, 9.50) *	1.64 (0.76, 3.54)
<i>Indigenous Identity^c</i>		
Non-indigenous	—	—
Indigenous	0.64 (0.25, 1.64)	0.84 (0.40, 1.80)
SES Factors		
<i>Housing Status</i>		
Private - Alone	—	—
Private - With others	4.96 (1.21, 20.29) *	4.76 (1.69, 13.44) **
Supportive/Unstable Housing	3.96 (1.31, 11.98) *	5.20 (2.29, 11.78) ***
Homeless	2.39 (0.58, 9.82)	3.42 (1.15, 10.16) *
<i>Employment Status</i>		
Not employed	—	—
Employed	0.46 (0.18, 1.18)	0.44 (0.21, 0.91) *
Overdose Response Resources		
<i>Previous awareness of GSDOA</i>		
Unaware	—	—
Aware	4.16 (1.62, 10.67) **	2.28 (1.08, 4.79) *
Overdose Characteristics		
<i>Stimulant OD</i>		
No	—	—
Yes	0.24 (0.09, 0.65) **	0.46 (0.19, 1.13)

Note: *p<0.05, **p<0.01, ***p<0.001.

^a Final unimputed model is based on N = 327 observations after exclusion of “unknown” responses for each variable.

^b Final imputed model is based on N = 493 observations after “unknown” responses were imputed via MICE (54).

^d The authors recognize that Indigenous identity is often a proxy for factors like intergenerational trauma, systemic racism, and socioeconomic status.

^d “Never” = “Never”; “Ever” = “Rarely/sometimes/often/all the time”