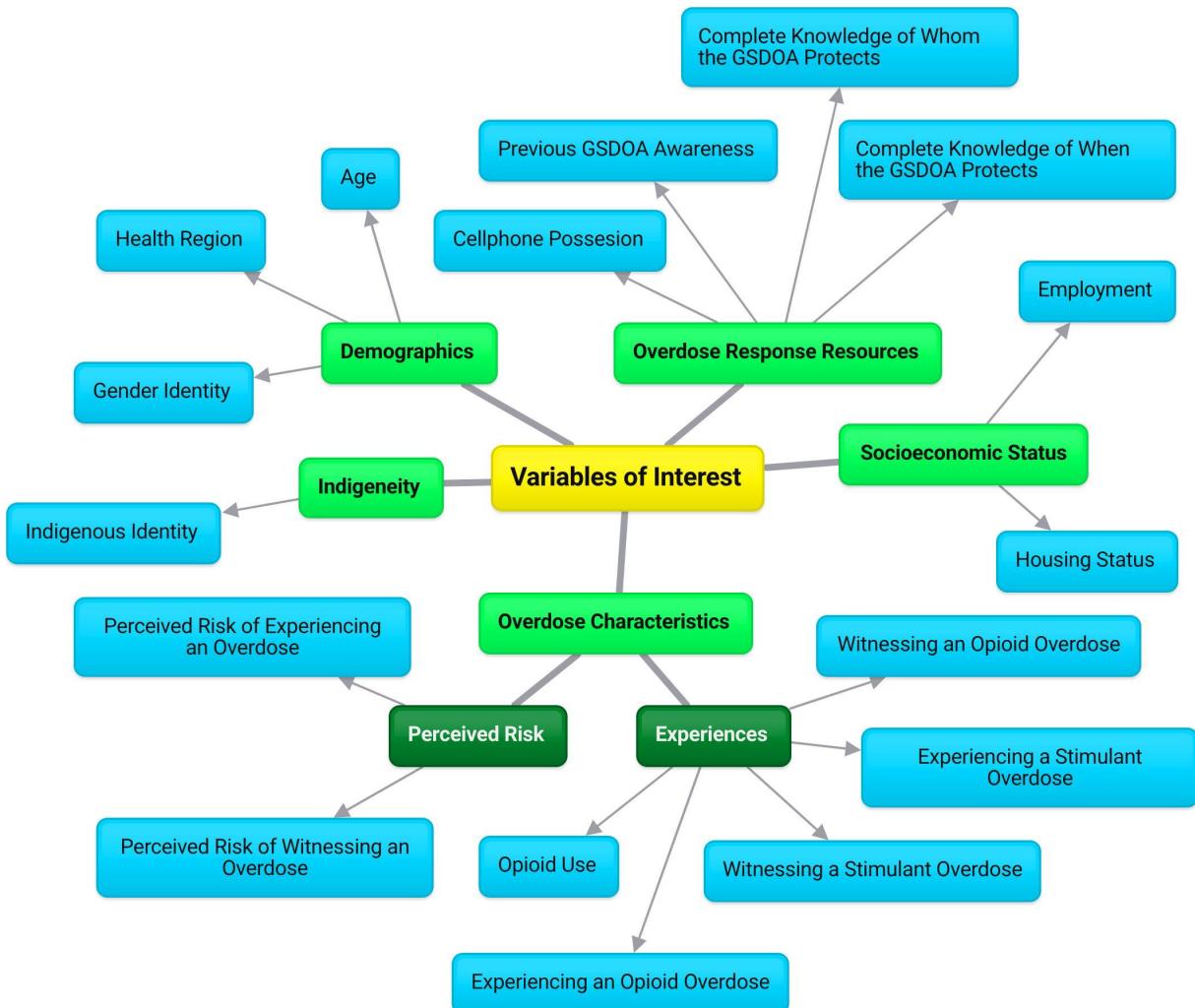


## **Additional File 2**



**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) <sup>a</sup>	Imputed Block 5 (OD Characteristics) <sup>b</sup>
	AOR (95% CI)	AOR (95% CI)
<b>Demographic Characteristics</b>		
<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<sup>c</sup></i>		
Non-indigenous	—	—
Indigenous	0.64 (0.25, 1.64)	0.84 (0.40, 1.80)
<b>SES Factors</b>		
<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) *
<b>Overdose Response Resources</b>		
<i>Previous awareness of GSDOA</i>		
Unaware	—	—
Aware	4.16 (1.62, 10.67) **	2.28 (1.08, 4.79) *
<b>Overdose Characteristics</b>		
<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.

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

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

<sup>c</sup> The authors recognize that Indigenous identity is often a proxy for factors like intergenerational trauma, systemic racism, and socioeconomic status.

<sup>d</sup> “Never” = “Never”; “Ever” = “Rarely/sometimes/often/all the time”