

**Supplemental Tables: Links Between Suicidal Intent, Polysubstance Use, and Medical
Treatment after Non-fatal Opioid Overdose**

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Supplemental Table 1. Bivariate correlates of depressive symptoms and suicidal intent at the time of treatment with characteristics of last opioid overdose among a sample of 274 people who use opioids receiving addiction treatment services, Michigan, 2014-2016

	Evidence of MDD^a Bivariate PR (95% CI)	Thoughts of Suicide or Self-Harm^b Bivariate PR (95% CI)	Tasks Very/Extremely Difficult^c Bivariate PR (95% CI)
Suicidal Intent at Last OD	1.39 (1.13-1.72)	2.20 (1.35-3.57)	1.63 (1.17-2.27)
Number of Lifetime Overdoses			
1	ref	ref	ref
2-4	0.97 (0.7-1.35)	2.79 (0.88-8.82)	2.35 (1.07-5.13)
≥5	1.13 (0.83-1.54)	3.82 (1.25-11.74)	2.89 (1.35-6.21)
Timing of Last OD			
<i>Within the last 6 mos.</i>	1.23 (0.95-1.60)	1.73 (0.95-3.15)	1.48 (0.96-2.28)
<i>>6 mos. to ≤1 year ago</i>	1.25 (0.94-1.67)	1.79 (0.93-3.44)	1.70 (1.08-2.68)
<i>>1 year ago</i>	ref	ref	ref
Opioid use at Last OD			
<i>POs only</i>	1.20 (0.93-1.55)	1.19 (0.66-2.14)	1.33 (0.90-1.98)
<i>Heroin & POs</i>	1.46 (1.17-1.81)	2.05 (1.27-3.31)	1.73 (1.21-2.45)
<i>Heroin only</i>	ref	ref	ref
Marijuana at Last OD	1.17 (0.94-1.45)	1.67 (1.07-2.59)	1.58 (1.16-2.16)
Cocaine/crack at Last OD	1.15 (0.92-1.44)	1.61 (1.02-2.54)	1.51 (1.09-2.09)
# Substances Used at Last OD			
1	ref	ref	ref
2	1.03 (0.77-1.37)	1.35 (0.69-2.64)	1.26 (0.76-2.08)
3-4	1.20 (0.91-1.58)	1.63 (0.83-3.18)	1.88 (1.18-3.00)
≥5	1.42 (1.08-1.86)	3.01 (1.63-5.53)	2.69 (1.73-4.17)
<i># Substances (Modeled Linearly)</i>	1.08 (1.04-1.12)	1.22 (1.14-1.30)	1.18 (1.13-1.24)
African American	1.26 (0.94-1.69)	1.78 (0.99-3.23)	1.06 (0.60-1.87)
Female	0.97 (0.78-1.20)	0.85 (0.52-1.37)	1.05 (0.75-1.45)
Age	1.00 (0.99-1.01)	1.02 (1.00-1.04)	1.00 (0.98-1.01)

^aScore of 10 or higher on the Patient Health Questionnaire-9, indicating moderate, moderately severe, or severe depressive symptoms in the past two weeks. ^bParticipant endorsed thoughts they would be better off dead or hurting themselves in some way on several days, more than half of days, or nearly every day in the past two weeks. ^cParticipant indicated that problems indicated on the Patient Health Questionnaire-9 made it very difficult or extremely difficult to do their work, take care of things at home, or get along with other people in the past two weeks. Abbreviations: mos.: months, OD: overdose, POs: Prescription Opioids, PR: prevalence ratio.

Supplemental Table 2. Bivariate correlates of medical involvement during last opioid overdose among a sample of 274 people who use opioids receiving addiction treatment services, Michigan, 2014-2016

	Called 911 Bivariate PR (95% CI)	Emergency Room Visit Bivariate PR (95% CI)	Hospitalized Bivariate PR (95% CI)
Opioid use			
<i>POs only</i>	0.99 (0.67-1.46)	0.7 (0.45-1.07)	1.47 (0.91-2.38)
<i>Heroin & POs</i>	1.06 (0.72-1.56)	1.2 (0.88-1.65)	1.66 (1.04-2.64)
<i>Heroin only</i>	ref	ref	ref
Prescription sedatives or sleeping pills	1.43 (1.05-1.94)	1.39 (1.05-1.83)	1.79 (1.20-2.66)
Alcohol	0.88 (0.60-1.28)	0.76 (0.53-1.10)	1.07 (0.68-1.67)
Marijuana	0.94 (0.65-1.36)	0.86 (0.61-1.22)	0.94 (0.59-1.50)
Cocaine or crack	0.96 (0.65-1.41)	0.93 (0.65-1.33)	1.21 (0.78-1.90)
Number of substances			
1	ref	ref	ref
2	1.13 (0.77-1.68)	1.20 (0.83-1.73)	1.28 (0.74-2.23)
3-4	1.05 (0.68-1.61)	1.24 (0.85-1.82)	1.57 (0.91-2.72)
≥5	1.05 (0.64-1.72)	0.99 (0.61-1.60)	1.57 (0.85-2.89)
# <i>Substances (Modeled Linearly)</i>	1.03 (0.95-1.11)	1.01 (0.94-1.09)	1.09 (1.01-1.19)
African American	0.37 (0.13-1.06)	0.33 (0.11-0.95)	0.71 (0.29-1.75)
Female	1.16 (0.84-1.58)	1.18 (0.88-1.57)	0.90 (0.59-1.38)
Age	1.00 (0.98-1.01)	0.99 (0.97-1.00)	1.00 (0.98-1.02)
Number of Lifetime Overdoses			
1	ref	ref	ref
2-4	0.72 (0.46-1.12)	1.05 (0.67-1.63)	1.33 (0.66-2.67)
≥5	0.84 (0.56-1.27)	1.03 (0.67-1.58)	1.40 (0.71-2.75)

Abbreviations: POs: Prescription Opioids, PR: prevalence ratio.