

Appendix

Logistic regression models of predictors of incarceration over a three-year follow-up among participants with co-occurring disorders^a

Variable	Initial Model			Final Model		
	OR	95% CI	p	OR	95% CI	p
Age	.96	.92-1.02	.18	.96	.91-1.02	.15
Male (reference: female)	1.01	.42-2.40	.99	.98	.37-2.59	.97
Race-ethnicity (reference: white)						
Hispanic	1.83	.70-4.77	.22	1.67	.61-4.59	.32
African American	1.16	.32-4.23	.83	.81	.20-3.22	.76
Other	.22	.17-2.80	.24	.08	.01-1.30	.08
Psychotic disorder (reference: mood disorder)	.82	.28-2.39	.72	.97	.31-3.09	.96
Prior incarceration (reference: none)	3.55	1.57-8.02	.002	3.26	1.38-7.71	.007
Homeless (reference: none)	1.87	.89-3.94	.10	2.21	.99-4.93	.06
Substance Abuse Treatment Scale	.61	.47-.80	<.001	.60	.45-.79	<.001
Employment (reference: none)	---	---	---	.77	.32-1.89	.57
Social contact with nonuser of substances (reference: none)	---	---	---	.19	.08-.43	<.001

^a For the initial model without employment or social contact: N=170, -2 log likelihood=172.704. For the final model with employment and social contact included: N=170, -2 log likelihood=154.709. Change in model fit: $\chi^2=17.99$, $df=2$, $p<.001$