

Appendix
Within-Person Variability in Firearm Carriage Among High-Risk Youth
Sokol et al.

Appendix Table 1. Sensitivity Analyses for Predicting Firearm Carriage Using Data From the Flint Youth Injury Study (n=597)

Characteristic	Between-person effect OR (95% CI)	Within-person effect OR (95% CI)
Individual factors		
Depression/anxiety symptoms	0.97 (0.93, 1.02)	1.03 (0.99, 1.06)
PTSD	5.71 (1.06, 30.7)*	0.79 (0.38, 1.62)
Retaliatory attitudes	1.23 (1.13, 1.35)***	1.10 (1.01, 1.19)*
Substance use disorder	4.01 (1.91, 8.44)***	1.50 (0.95, 2.39)
Social-contextual factors		
Victimization ^a	1.04 (0.99, 1.10)	1.04 (1.00, 1.07)*
Positive peer influences	1.04 (0.92, 1.17)	0.88 (0.81, 0.96)**
Negative peer influences	1.13 (1.03, 1.23)**	1.08 (1.02, 1.15)**
Community involvement	1.03 (0.92, 1.15)	1.01 (0.95, 1.08)
Parental support	1.00 (0.96, 1.05)	1.01 (0.98, 1.05)
Family conflict	0.99 (0.90, 1.09)	1.01 (0.95, 1.08)
Community violence	1.23 (1.11, 1.36)***	1.13 (1.05, 1.21)**
Demographics		
Age, years	1.10 (0.99, 1.21)	0.84 (0.65, 1.10)
Assault-injured [ref=non-assault injured]	0.95 (0.59, 1.52)	–
Male sex [ref=female]	3.81 (2.19, 6.63)***	–
Black [ref=other]	1.53 (0.92, 2.53)	–
Public assistance	1.14 (0.67, 1.93)	–

Notes: Boldface indicates statistical significance (* $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$).

^aThe victimization variable only includes non-partner victimization. The victimization variable in the main analysis incorporates both non-partner and partner victimization.

PTSD, post traumatic stress disorder.