Table 2.

Unstandardized regression coefficients from the structural equation model pathways.

Pathway	Unadjusted model			Adjusted model		
	b	*se*	*p*	*b*	*se*	*p*
Baseline						
Trauma$_{baseline}$ → PTSD$_{baseline}$	2.54	0.15	< .001	1.96	0.18	< .001
Trauma$_{baseline}$ → SU$_{baseline}$	0.13	0.02	< .001	0.08	0.02	< .001
Trauma: 6-months						
Trauma$_{baseline}$ → Trauma$_{6-months}$	0.09	0.03	< .001	0.08	0.03	.004
SU$_{baseline}$ → Trauma$_{6-months}$	0.09	0.05	.079	0.08	0.05	.123
PTSD$_{baseline}$ → Trauma$_{6-months}$	0.02	0.01	.002	0.02	0.01	.007
Trauma: 12-months						
Trauma$_{6-month}$ → Trauma$_{12-months}$	0.27	0.05	< .001	0.26	0.05	< .001
SU$_{6-months}$ → Trauma$_{12-months}$	0.05	0.05	.360	0.03	0.05	.634
PTSD$_{6-months}$ → Trauma$_{12-months}$	0.02	0.01	< .001	0.02	0.01	.001
SU behaviors: 6-months						
Trauma$_{6-months}$ → SU$_{6-months}$	0.07	0.03	.026	0.06	0.03	.083
SU$_{baseline}$ → SU$_{6-months}$	0.66	0.06	< .001	0.63	0.06	< .001
PTSD$_{baseline}$ → SU$_{6-months}$	0.01	0.01	.322	0.01	0.04	.897
SU behaviors: 12-months						
Trauma$_{12-months}$ → SU$_{12-months}$	0.03	0.04	.433	0.02	0.04	.590
SU$_{6-months}$ → SU$_{12-months}$	0.64	0.05	< .001	0.62	0.06	< .001
PTSD$_{6-months}$ → SU$_{12-months}$	0.01	0.01	.008	0.01	0.01	.046
PTSD: 6-months						
Trauma$_{6-months}$ → PTSD$_{6-months}$	2.65	0.39	< .001	2.47	0.39	< .001
SU$_{baseline}$ → PTSD$_{6-months}$	0.49	0.36	.175	0.15	0.36	.676
PTSD$_{baseline}$ → PTSD$_{6-months}$	0.46	0.04	< .001	0.37	0.04	< .001
PTSD: 12-months						
Trauma$_{12-months}$ → PTSD$_{12-months}$	1.58	0.31	< .001	1.57	0.31	< .001
SU$_{6-months}$ → PTSD$_{12-months}$	0.83	0.29	.004	0.69	0.30	.023
PTSD$_{6-months}$ → PTSD$_{12-months}$	0.67	0.04	< .001	0.62	0.04	< .001
Covariance						
PTSD$_{baseline}$ ⟨−⟩ SU$_{baseline}$	3.35	0.65	< .001	2.41	0.61	< .001
PTSD$_{6-months}$ ⟨−⟩ SU$_{6-months}$	1.01	0.42	.018	0.78	0.41	.059
PTSD$_{12-months}$ ⟨−⟩ SU$_{12-months}$	1.03	0.39	.008	1.01	0.39	.009
Model fit statistics						
χ^2	291.24		< .001	43.82		< .001
RMSEA	.084			.079		
CFI	.127			.872		
SRMR	.106			.017		

Notes. Unadjusted model does not account for covariates. Adjusted model includes age, sex, race (White, Black, multiracial, other), Hispanic ethnicity, household income, family history of psychiatric conditions, and family history of substance use as controls variables for all regression equations. Unstandardized regression coefficients can be interpreted such that a one unit change in a given variable is associated with a unit change in another variable equivalent to the beta value. Trauma exposure, SU behaviors, and PTSD symptoms were all sum scores which were constituted of whole numbers that, respectively, could range from zero to 18, 6, and 80.