

Appendix table 1. Interaction terms for first onset and persistence baseline socio-demographics and lifetime SROs as predictors of suicide ideation, plans, gestures and attempts in the NCS-2¹

	Total sample			Among NCS-2 lifetime suicidal ideators								
	Ideation 646/5001			Plan 197/1221			Gesture 55/1221			Attempt 84/1221		
	OR	95% CI	χ^2	OR	95% CI	χ^2	OR	95% CI	χ^2	OR	95% CI	χ^2
Baseline age												
15-24	2.4*	(1.8-3.0)		1.6	(0.9-2.9)		2.2*	(1.0-5.0)		1.3	(0.6-3.0)	
25-55	1.0			1.0			1.0			1.0		
Sex												
Female	1.3	(0.9-1.8)		1.4	(0.9-2.2)		2.2	(0.7-7.1)		1.3	(0.8-2.1)	
Male	1.0			1.0			1.0			1.0		
Race/ethnicity			14.17*			6.81*			1.68			2.02
Non-Hispanic White	1.0			1.0			1.0			1.0		
Non-Hispanic Black	0.5*	(0.4-0.8)		1.1	(0.5-2.2)		0.6	(0.1-2.7)		1.7	(0.8-3.7)	
Hispanic	1.0	(0.7-1.4)		0.6	(0.3-1.2)		1.2	(0.5-2.7)		0.7	(0.2-2.5)	
Other	1.4	(0.7-2.7)		0.4	(0.2-1.2)		0.3	(0.0-4.5)		1.0	(0.2-5.2)	
Baseline marital status			26.92*			1.30			2.24			0.88
Married or cohabiting	1.0			1.0			1.0			1.0		
Previously married	2.2*	(1.6-3.0)		0.8	(0.5-1.3)		0.4	(0.1-1.4)		1.2	(0.7-2.2)	
Never married	1.2	(0.8-1.7)		1.2	(0.6-2.2)		0.6	(0.1-2.5)		1.5	(0.6-4.0)	
Baseline employment Status			29.74*			2.59			1.98			2.08
Working or Student	1.0			1.0			1.0			1.0		
Homemaker	1.0	(0.6-1.5)		1.9	(0.8-4.3)		1.6	(0.6-4.0)		0.9	(0.2-3.5)	
Other	2.8*	(1.9-4.2)		1.2	(0.6-2.2)		1.4	(0.6-3.6)		1.7	(0.7-4.1)	
Baseline education			5.51			2.52			3.50			15.12*
0-11 years	1.0	(0.7-1.5)		0.7	(0.3-1.4)		2.0	(0.8-5.1)		1.6	(0.5-5.1)	
12 years	0.8	(0.6-1.2)		0.7	(0.4-1.2)		0.9	(0.4-2.2)		0.7	(0.3-1.8)	
13-15 years	1.1	(0.8-1.5)		0.9	(0.5-1.4)		1.4	(0.5-3.9)		2.6*	(1.0-6.7)	
16 and more	1.0			1.0			1.0			1.0		
Baseline poverty level												
Poverty	1.3*	(1.1-1.7)		1.0	(0.6-1.7)		1.9	(0.8-4.3)		0.9	(0.3-2.5)	
All others	1.0			1.0			1.0			1.0		
Baseline parenting status			29.06*			2.26			6.18*			3.51
No young child	1.0			1.0			1.0			1.0		
Child 0-4 years old	2.1*	(1.5-2.9)		1.1	(0.6-1.9)		0.6	(0.2-1.7)		1.1	(0.5-2.4)	
Child 5-12 years old	2.1*	(1.4-3.1)		1.6	(0.8-3.0)		2.2	(0.9-5.5)		0.5	(0.2-1.3)	
Religion			3.99*			5.54			4.53			3.19
Protestant	1.0			1.0			1.0			1.0		
Catholic	0.9	(0.7-1.2)		0.6	(0.3-1.2)		1.6	(0.7-3.5)		0.6	(0.3-1.4)	
Other	1.3	(0.8-2.1)		1.1	(0.5-2.7)		1.6	(0.5-5.1)		0.5	(0.1-2.9)	
No preference	1.3	(0.8-2.0)		1.5	(0.8-2.8)		0.3	(0.1-1.4)		1.5	(0.8-2.9)	
Baseline lifetime suicide ideation	42.3*	(24.2-73.9)		0.5*	(0.3-0.8)		0.7	(0.3-1.7)		0.2*	(0.1-0.5)	
Baseline years (x 10) since first ideation²	0.2*	(0.1-0.4)		0.7*	(0.6-0.9)		0.8	(0.5-1.2)		0.9	(0.6-1.2)	
Baseline lifetime suicide plan				4.8*	(1.4-16.9)		3.0	(0.8-11.4)		0.9	(0.2-3.2)	
Baseline lifetime suicide gesture							0.9	(0.1-14.6)		2.4	(0.8-7.1)	
Baseline lifetime suicide attempt							1.4	(0.4-5.5)		25.8*	(5.7-117.3)	
INTERACTIONS of ideation at baseline with...			56.33*									
Age	0.2*	(0.1-0.3)										
Sex	0.9	(0.5-1.6)										
Race black	1.1	(0.5-2.5)										
Previously married	0.6	(0.3-1.2)										
Employment other	0.9	(0.5-1.9)										
Poverty	0.7	(0.3-1.4)										
Any children 0-12 y	0.6	(0.3-1.2)										
INTERACTIONS of plan at baseline with...						2.56						
Age				0.5	(0.2-1.4)							
Sex				0.7	(0.3-1.9)							
Employment homemaker				0.9	(0.1-7.3)							
Religion catholic				1.1	(0.3-3.5)							

Child 5-12 years old

0.8 (0.2-2.9)

INTERACTIONS of gesture at baseline with...

Age	1.2 (0.2-7.0)	4.17
Sex	2.5 (0.2-33.2)	
Child 5-12 years old	2.9 (0.5-15.6)	
Plan	0.7 (0.1-5.4)	

INTERACTIONS of attempts at baseline with...

Age	0.4 (0.1-1.4)	15.00*
Sex	0.4 (0.1-1.5)	
Education 13-15 years	0.5 (0.1-2.6)	
Child 5-12 years old	0.4 (0.1-1.7)	
Plan	1.6 (0.3-7.2)	

*Significant at the P<0.05 level, 2-sided test

¹Odds ratios (OR) from logistic regression coefficients. The 95% Confidence Interval (95% CI) were obtained using the Taylor series linearization method.

Appendix table 2. Models for number and types of mental disorders at baseline NCS as predictors of suicide ideation, plans, gestures and attempts in the NCS-2¹

	Total sample		Among NCS-2 lifetime suicidal ideators							
	Ideation		Plan		Gesture		Attempt			
	OR	(95% CI)	OR	(95% CI)	OR	(95% CI)	OR	(95% CI)		
	646/5001		197/1221		55/956		84/1221			
A. We computed a variable that counts the number of lifetime disorders the respondent had as of baseline and included this continuous variable along with socio-demographics and baseline measures of the SROs in models to predict the NCS-2 SROs.										
Number of lifetime disorders (0-10).	1.2*	(1.1 - 1.3)	1.1*	(1.0 - 1.2)	1.0	(0.8 - 1.1)	1.0	(0.8 - 1.2)		
B. We computed a variable that categorized in four levels the number of lifetime disorders the respondent had as of baseline and included this variable as dummies along with socio-demographics and baseline measures of the SROs in models to predict the NCS-2 SROs.										
Exactly one disorder	1.4	(0.9 - 2.1)	1.1	(0.5 - 2.4)	0.7	(0.2 - 2.5)	0.8	(0.3 - 2.1)		
Exactly two disorders	1.7*	(1.1 - 2.7)	1.6	(0.7 - 3.2)	0.5	(0.2 - 1.4)	0.7	(0.2 - 2.3)		
Three or more disorders	2.6*	(1.8 - 3.9)	1.7	(0.9 - 3.2)	0.6	(0.3 - 1.6)	0.9	(0.4 - 2.4)		
C. We used in a single regression equation 15 individual lifetime disorders the respondent had as of baseline and included these variables along with socio-demographics and baseline measures of the SROs in models to predict the NCS-2 SROs.										
Mood Disorders										
Major depressive	1.2	(0.9 - 1.7)	1.2	(0.8 - 2.0)	1.0	(0.4 - 2.2)	0.9	(0.5 - 1.9)		
Bipolar	1.1	(0.5 - 2.2)	1.7	(0.7 - 3.8)	0.7	(0.2 - 3.0)	0.4	(0.1 - 2.1)		
Dysthymia	1.5	(0.9 - 2.6)	0.9	(0.4 - 2.0)	0.9	(0.2 - 3.7)	0.9	(0.2 - 3.7)		
Anxiety Disorders										
Panic disorder	1.4	(0.9 - 2.4)	1.2	(0.6 - 2.3)	2.1	(0.8 - 5.6)	0.8	(0.2 - 2.6)		
Agoraphobia without panic	1.1	(0.7 - 1.8)	1.2	(0.6 - 2.3)	2.0	(0.9 - 4.3)	0.5	(0.2 - 1.4)		
Social phobia	1.2	(0.9 - 1.7)	1.3	(0.7 - 2.3)	1.0	(0.4 - 2.7)	1.3	(0.7 - 2.4)		
Simple phobia	1.2	(0.8 - 1.9)	1.0	(0.6 - 1.6)	0.9	(0.4 - 2.1)	0.7	(0.3 - 1.5)		
Generalized anxiety disorder	1.5	(0.9 - 2.9)	1.6	(0.9 - 2.9)	1.1	(0.3 - 3.9)	0.6	(0.2 - 1.5)		
Post-traumatic stress disorder	1.4	(0.9 - 2.3)	1.1	(0.7 - 1.9)	0.7	(0.3 - 1.9)	1.1	(0.4 - 2.9)		
Substance Disorder										
Alcohol abuse	0.9	(0.6 - 1.3)	0.7	(0.4 - 1.5)	0.2	(0.0 - 1.1)	1.3	(0.5 - 3.4)		
Alcohol dependence	1.0	(0.6 - 1.5)	1.2	(0.8 - 1.8)	1.5	(0.6 - 3.6)	1.2	(0.6 - 2.4)		
Drug abuse	1.4	(0.8 - 2.4)	1.3	(0.6 - 2.8)	1.2	(0.1 - 8.9)	0.9	(0.2 - 3.0)		
Drug dependence	1.6	(1.0 - 2.6)	0.7	(0.4 - 1.2)	0.8	(0.2 - 2.6)	1.1	(0.5 - 2.2)		
Impulse-control disorders										
Adult antisocial behavior	1.0	(0.6 - 1.8)	1.3	(0.7 - 2.2)	1.0	(0.3 - 3.2)	1.0	(0.5 - 2.0)		
Conduct disorder	1.3	(0.9 - 1.8)	1.3	(0.7 - 2.3)	0.5	(0.2 - 1.3)	1.2	(0.5 - 2.7)		
D. We used in a single regression equation 14 individual lifetime disorders (left out depression) the respondent had as of baseline and included plus a set of dummies for number of disorders along with socio-demographics and baseline measures of the SROs in models to predict the NCS-2 SROs.										
Mood Disorders										
Bipolar	1.0	(0.4 - 2.1)	1.2	(0.5 - 3.1)	1.0	(0.3 - 3.6)	0.2	(0.0 - 1.6)		
Dysthymia	1.4	(0.7 - 2.7)	0.7	(0.3 - 2.1)	0.8	(0.1 - 6.1)	0.8	(0.1 - 4.3)		
Anxiety Disorders										
Panic disorder	1.2	(0.7 - 2.7)	0.9	(0.3 - 2.1)	1.5	(0.4 - 6.2)	0.8	(0.2 - 3.4)		
Agoraphobia without panic	1.0	(0.5 - 1.8)	1.0	(0.5 - 1.9)	1.5	(0.5 - 4.1)	0.7	(0.2 - 2.1)		
Social phobia	1.1	(0.7 - 1.6)	1.0	(0.4 - 2.1)	0.8	(0.2 - 2.9)	1.5	(0.6 - 3.5)		
Simple phobia	1.1	(0.7 - 1.7)	0.8	(0.4 - 1.4)	0.6	(0.2 - 2.4)	0.7	(0.3 - 1.8)		
Generalized anxiety disorder	1.3	(0.7 - 2.5)	1.3	(0.7 - 2.7)	0.8	(0.2 - 3.3)	0.8	(0.3 - 2.1)		
Post-traumatic stress disorder	1.3	(0.7 - 2.3)	0.9	(0.4 - 1.9)	0.5	(0.2 - 1.5)	1.3	(0.4 - 4.5)		
Substance Disorder										
Alcohol abuse	0.8	(0.5 - 1.2)	0.6	(0.3 - 1.2)	0.2*	(0.0 - 1.0)	1.9	(0.5 - 6.7)		
Alcohol dependence	0.9	(0.5 - 1.4)	0.9	(0.4 - 2.0)	1.0	(0.3 - 4.0)	1.7	(0.6 - 4.8)		
Drug abuse	1.2	(0.6 - 2.4)	1.0	(0.5 - 2.2)	0.8	(0.1 - 4.9)	1.0	(0.2 - 4.5)		
Drug dependence	1.5	(0.7 - 2.9)	0.6	(0.3 - 1.3)	0.4	(0.1 - 1.5)	1.2	(0.5 - 3.1)		
Impulse-control disorders										
Adult antisocial behavior	0.9	(0.5 - 1.8)	1.0	(0.4 - 2.3)	0.6	(0.2 - 2.3)	1.0	(0.4 - 3.1)		
Conduct disorder	1.1	(0.7 - 1.7)	1.0	(0.5 - 1.7)	0.3	(0.1 - 1.2)	1.5	(0.6 - 3.5)		

¹Odds ratios (OR) from logistic regression coefficients. The 95% Confidence Interval (95% CI) were obtained using the Taylor series linearization method.

*Significant at the .05 level, two-sided test