

Appendix Table 1. Interactions of the Tobacco Supplement Dummy variable (DTS) with tobacco use and tobacco dependence at the baseline NCS in gross effects¹ models predicting suicide ideation, plans, gestures and attempts in the NCS-2

	Ideation		Plan		Gesture		Attempt	
	OR ¹	(95% CI)	OR ¹	(95% CI)	OR ¹	(95% CI)	OR ¹	(95% CI)
Ever used (EU)								
Yes/No	1.2	(0.7-2.0)	1.1	(0.5-2.7)	2.0	(0.3-11.6)	0.8	(0.3-2.3)
EU x DTS	1.3	(0.6-2.6)	1.4	(0.4-5.1)	0.4	(0.1-2.8)	1.2	(0.3-4.0)
Age of onset of use (AOU)								
Less than 12 (a)	1.4	(0.8-2.5)	1.4	(0.5-3.7)	2.4	(0.5-12.2)	1.1	(0.4-3.3)
13-15 y (b)	1.1	(0.6-2.1)	1.2	(0.4-3.2)	2.7	(0.4-18.0)	0.5	(0.1-1.9)
16 and more (c)	1.2	(0.6-2.1)	0.8	(0.3-2.2)	1.1	(0.1-10.0)	0.8	(0.2-2.8)
AOU-a x DTS	1.3	(0.6-2.7)	1.5	(0.4-6.2)	0.3	(0.0-2.5)	1.3	(0.3-4.8)
AOU-b x DTS	1.4	(0.6-3.4)	1.1	(0.2-5.2)	0.4	(0.0-3.5)	1.0	(0.2-5.4)
AOU-c x DTS	1.1	(0.5-2.7)	1.3	(0.3-5.3)	0.2	(0.0-3.7)	1.1	(0.2-6.2)
$\chi^2_{3^2}$ (p)	1.2057	(0.7516)	0.7249	(0.8673)	1.5716	(0.6658)	0.1682	(0.9825)
Lifetime Daily use (DU)								
Yes/No	1.5	(1.0-2.2)	1.5	(0.9-2.6)	1.7	(0.4-8.0)	1.0	(0.4-2.6)
DU x DTS	1.1	(0.6-1.8)	1.3	(0.6-3.0)	0.3	(0.1-1.6)	1.1	(0.5-2.6)
Age at onset of daily use (ADU)								
Less than 16 (a)	1.7	(1.0-2.8*)	1.7	(0.9-3.2)	2.3	(0.5-10.3)	1.7	(0.6-4.9)
17-19 (b)	1.1	(0.6-1.9)	1.0	(0.4-2.3)	0.9	(0.1-7.8)	0.3	(0.1-1.4)
20+ (c)	1.7	(1.1-2.4*)	1.1	(0.5-2.6)	2.2	(0.4-12.9)	1.3	(0.4-3.9)
ADU-a x DTS	1.2	(0.7-2.2)	1.3	(0.5-3.6)	0.3	(0.1-1.3)	0.7	(0.2-2.1)
ADU-b x DTS	1.0	(0.4-2.4)	1.4	(0.4-5.3)	0.6	(0.0-7.8)	2.4	(0.4-14.3)
ADU-c x DTS	0.8	(0.4-1.6)	1.0	(0.3-3.1)	0.2	(0.0-1.3)	1.4	(0.3-5.8)
$\chi^2_{3^2}$ (p)	1.3090	(0.7270)	0.5759	(0.9019)	4.7747	(0.1891)	1.7756	(0.6203)
Intensity-persistence of use								
Lifetime us but never daily (ND)	1.1	(0.6-2.0)	0.8	(0.3-2.2)	1.8	(0.2-15.7)	0.9	(0.2-3.0)
Past daily use (PD)	1.5	(0.8-2.8)	1.3	(0.5-3.4)	1.9	(0.3-12.9)	0.6	(0.1-3.1)
Current daily use (CD)	1.2	(0.7-2.1)	1.4	(0.6-3.3)	2.1	(0.3-14.1)	0.9	(0.3-2.8)
ND x DTS	1.1	(0.5-2.5)	1.4	(0.2-7.9)	0.6	(0.1-6.5)	1.0	(0.1-6.0)
PD x DTS	1.2	(0.6-2.5)	1.5	(0.4-6.5)	0.3	(0.0-2.9)	1.9	(0.3-11.3)
CD x DTS	1.0	(1.0-1.0)	1.0	(1.0-1.0)	1.0	(1.0-1.0)	1.0	(1.0-1.0)
$\chi^2_{2^2}$ (p)	0.1889	(0.9099)	0.3754	(0.8288)	1.2450	(0.5366)	0.6356	(0.7278)
Tobacco dependence (TD)								
Yes/No	1.7	(1.0-2.7*)	1.8	(1.0-3.2*)	1.8	(0.5-6.5)	1.0	(0.4-2.6)
TD x DTS	0.9	(0.5-1.7)	0.8	(0.4-1.8)	0.5	(0.1-2.9)	0.4	(0.1-1.4)
Age at onset of dependence (AOD)								
Less than 20 (a)	1.9	(1.0-3.6)	1.8	(0.8-3.8)	3.0	(0.5-17.2)	0.9	(0.4-2.5)
21-29 (b)	1.5	(0.9-2.4)	1.3	(0.6-2.8)	2.6	(0.8-8.3)	1.1	(0.3-3.7)
30+ (c)	1.3	(0.8-2.2)	1.2	(0.6-2.8)	1.4	(0.4-4.7)	1.0	(0.2-4.6)
AOD-a x DTS	0.9	(0.4-1.8)	1.4	(0.5-4.1)	0.4	(0.1-2.4)	0.4	(0.1-1.6)
AOD-b x DTS	1.0	(0.5-2.2)	0.8	(0.3-2.1)	0.5	(0.1-2.2)	0.5	(0.1-3.1)
AOD-c x DTS	1.6	(0.7-3.7)	1.5	(0.5-4.2)	0.5	(0.1-2.9)	0.5	(0.1-3.9)
$\chi^2_{3^2}$ (p)	1.6505	(0.6480)	2.2856	(0.5153)	1.5984	(0.6598)	1.9088	(0.5916)
History of dependence								
Past dependence (PD)	1.8	(1.0-3.1)	1.4	(0.7-2.7)	0.9	(0.2-3.2)	0.8	(0.3-2.6)
Current dependence (CD)	1.6	(0.9-2.9)	2.1	(1.1-4.0*)	2.5	(0.6-10.5)	1.1	(0.4-3.1)

PD x DTS	1.0	(0.4-2.5)	1.1	(0.3-4.5)	0.0*	(0.0-0.0)	0.6	(0.1-5.9)
CD x DTS	0.9	(0.4-1.9)	0.7	(0.3-1.7)	0.5	(0.1-2.6)	0.4	(0.1-1.5)
χ^2_2 (p)	0.1012	(0.9507)	0.8477	(0.6545)	174.2*	(0.0000)	2.1249	(0.3456)
(n ₁ /n ₂)	(646/5001)		(197/1221)		(55/1221)		(84/1221)	

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

¹Gross effects are based on separate multivariate logistic regression equations for each tobacco variable, controlling for baseline demographics and the baseline SROs only

²Odds ratios (OR) from logistic regression coefficients. The 95% Confidence Interval (95% CI) were obtained using the Taylor series linearization method.

³The χ^2 test evaluates the joint significance of the set of interaction terms predicting the NCS-2 outcomes

⁴n₁ is the unweighted number of respondents who experienced the SRO in the decade between the two surveys. n₂ is the unweighted number of respondents in the analysis. In the case of ideation, n₂ = 5001 is the number of respondents in the total sample. In the case of the other outcomes, n₂ = 1221 is the number of respondents who either reported having suicide ideation at T1 or in the decade between the two surveys.