

Supplementary material Table S1. Baseline characteristics by snus and snuff use.

	Total (N=5198; 100%)	Snus			p- value	Snuff			p- value
		Never user (n=4726; 90.9%)	Infrequent user (n=362; 7.0%)	Frequent user (n=110; 2.1%)		Never user (n=3973; 76.4%)	Infrequent user (n=1037; 19.9%)	Frequent user (n=188;3.6%)	
Categorical variables (in %)									
Education					.338 <sup>a</sup>				<.001 <sup>a</sup>
Level 1 (about 9 years of schooling)	48.6%	48.3%	50.6%	56.4%		47.0%	52.8%	60.6%	
Level 2 (about 12 years of schooling))	29.1%	29.3%	27.3%	28.2%		29.2%	28.2%	31.9%	
Level 3 (13+ years of schooling)	22.3%	22.4%	22.1%	15.5%		23.8%	19.0%	7.4%	
Linguistic region					<.001 <sup>a</sup>				<.001 <sup>a</sup>
French	55.8%	57.6%	37.8%	37.3%		59.2%	45.9%	36.2%	
German	44.2%	42.4%	62.2%	62.7%		40.8%	54.1%	63.8%	
Parents financial situation					.064 <sup>a</sup>				.017 <sup>a</sup>
Below average	14.3%	14.6%	12.7%	6.4%		14.7%	12.3%	16.0%	
Average	41.3%	41.4%	40.1%	40.0%		41.7%	39.0%	45.2%	
Above average	44.4%	44.0%	47.2%	53.6%		43.6%	48.7%	38.8%	
Binge drinking past 12 months					<.001 <sup>a</sup>				<.001 <sup>a</sup>
Never	20.8%	22.4%	4.1%	4.5%		26.2%	3.5%	2.1%	
Less than monthly	33.1%	34.5%	19.1%	20.0%		35.0%	28.5%	19.7%	
Monthly or more	46.1%	43.1%	76.8%	75.5%		38.9%	68.0%	78.2%	
Cannabis use past 12 months					<.001 <sup>a</sup>				<.001 <sup>a</sup>
Never	69.9%	71.3%	52.5%	65.5%		73.6%	56.5%	66.5%	
Less than weekly	21.2%	19.9%	35.1%	28.2%		17.3%	34.4%	29.3%	
Weekly or more	8.9%	8.7%	12.4%	6.4%		9.1%	9.1%	4.3%	



Table S1. Continued

	Total (N=5198; 100%)	Snus			p- value	Snuff			p- value
		Never user (n=4726; 90.9%)	Infrequent user (n=362; 7.0%)	Frequent user (n=110; 2.1%)		Never user (n=3973; 76.4%)	Infrequent user (n=1037; 19.9%)	Frequent user (n=188; 3.6%)	
Continuous variables, mean (SD)									
Age	19.98 (1.23)	20.01 (1.24)	19.75 (1.20)	19.68 (0.76)	<.001 <sup>b</sup>	20.06 (1.28)	19.73 (1.01)	19.67 (1.03)	<.001 <sup>b</sup>
Depression symptomatology (0-50)	7.06 (7.08)	7.09 (7.16)	6.96 (6.53)	5.76 (5.12)	.145 <sup>b</sup>	7.20 (7.36)	6.67 (6.16)	6.22 (5.60)	.025 <sup>b</sup>
Aggression trait (0-10)	4.15 (2.22)	4.11 (2.21)	4.50 (2.19)	4.73 (2.34)	<.001 <sup>b</sup>	4.10 (2.24)	4.28 (2.13)	4.43 (2.18)	.011 <sup>b</sup>
Sensation seeking (1-5)	3.05 (0.87)	3.01 (0.86)	3.42 (0.79)	3.38 (0.81)	<.001 <sup>b</sup>	2.97 (0.87)	3.29 (0.78)	3.30 (0.81)	<.001 <sup>b</sup>
Arguments or fights (0-11)	0.59 (1.44)	0.56 (1.41)	0.87 (1.59)	0.91 (1.97)	<.001 <sup>b</sup>	0.54 (1.38)	0.74 (1.60)	0.86 (1.67)	<.001 <sup>b</sup>
Problems with the police (0-11)	0.22 (0.82)	0.21 (0.82)	0.30 (0.89)	0.37 (0.78)	.024 <sup>b</sup>	0.20 (0.80)	0.28 (0.89)	0.30 (0.84)	.011 <sup>b</sup>
Property damage (0-11)	0.45 (1.25)	0.43 (1.23)	0.68 (1.49)	0.55 (1.14)	.001 <sup>b</sup>	0.38 (1.13)	0.65 (1.57)	0.67 (1.40)	<.001 <sup>b</sup>
Tobacco norms (0-100)	52.85 (18.86)	52.97 (18.94)	50.55 (17.60)	55.27 (19.08)	.025 <sup>b</sup>	53.67 (19.11)	49.81 (17.60)	52.42 (18.71)	<.001 <sup>b</sup>
Nicotine dependence (0-10)	0.84 (1.65)	0.79 (1.61)	1.36 (2.02)	1.42 (1.88)	<.001 <sup>b</sup>	0.75 (1.57)	1.18 (1.86)	1.08 (1.88)	<.001 <sup>b</sup>

Note. <sup>a</sup>p-value for chi-square test. <sup>b</sup>p-value for analysis of variance. SD = standard deviation.