Susceptibility to tobacco use and associated factors among youth in five central and eastern European countries

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Table S1. Susceptibility to tobacco use among never smokers from five central and eastern European countries

Characteristics*	Czech Republic		Slovakia		Slovenia		Lithuania		Romania	
	N=1997 (100%)	n=490 (24.5%)	N=1998 (100%)	n=450 (22.5%)	N=1765 (100%)	n=394 (22.3%)	N=1305 (100%)	n=297 (22.8%)	N=3718 (100%)	n=587 (15.8%)
Sex										
Male	953 (47.7)	210 (22.0)	946 (47.5)	208 (22.0)	812 (46.2)	154 (19.0)	581 (44.5)	126 (21.7)	1723 (46.5)	283 (16.4)
Female	1044 (52.3)	280 (26.8)	1046 (52.5)	241 (23.0)	946 (53.8)	236 (25.0)	724 (55.5)	171 (23.6)	1986 (53.5)	303 (15.3)
Missing ^{**}	0 (0.0)		6 (0.3)		7 (0.4)		0 (0.0)		9 (0.2)	
Age										
13 years or younger	922 (46.2)	210 (22.8)	931 (46.6)	182 (19.5)	408 (23.2)	77 (18.9)	347 (26.6)	63 (18.2)	2112 (56.9)	266 (12.6)
14 years	604 (30.2)	154 (25.5)	642 (32.1)	150 (23.4)	595 (33.8)	119 (20.0)	481 (36.9)	121 (25.2)	1130 (30.4)	229 (20.3)
15 years or older	471 (23.6)	126 (26.8)	424 (21.2)	118 (27.8)	756 (43.0)	196 (25.9)	476 (36.5)	112 (23.5)	472 (12.7)	92 (19.5)
Missing ^{**}	0 (0.0)		1 (0.1)		6 (0.3)		1 (0.1)		4 (0.1)	
Money available per week for own expenses										
None or little	1522 (76.5)	341 (22.4)	764 (38.8)	130 (17.0)	855 (48.8)	139 (16.3)	335 (25.8)	79 (24.7)	2080 (56.1)	254 (12.2)
More	467 (23.5)	145 (31.0)	1205 (61.2)	315 (26.1)	896 (51.2)	252 (28.1)	965 (74.2)	216 (22.4)	1625 (43.9)	333 (20.5)
Missing ^{**}	8 (0.4)		29 (1.5)		14 (0.8)		5 (0.4)		13 (0.3)	
Mother's education										
Below College or University	N/A	N/A	958 (59.8)	220 (19.2)	N/A	N/A	213 (22.5)	57 (31.5)	1592 (54.0)	248 (15.6)
College or University			645 (40.2)	163 (25.3)			734 (77.5)	168 (22.4)	1355 (46.0)	228 (16.8)
Missing or I don't know**			395 (19.8)				358 (27.4)		771 (20.7)	
Father's education										
Below College or University	N/A	N/A	999 (65.8)	230 (23.0)	N/A	N/A	224 (25.8)	53 (23.7)	1436 (51.7)	225 (16.5)
College or University			520 (34.2)	128 (24.6)			643 (74.2)	155 (24.1)	1343 (48.3)	227 (22.9)
Missing or I don't know**			479 (24.0)				438 (24.8)		939 (25.3)	
Exposure to SHS at home										
No	1552 (77.8)	358 (23.1)	1467 (74.1)	300 (20.5)	1341 (76.2)	287 (21.4)	894 (68.6)	192 (21.5)	2698 (72.9)	385 (14.3)
Yes	444 (22.2)	131 (29.5)	514 (25.9)	142 (27.6)	419 (23.8)	107 (25.5)	409 (31.4)	105 (25.7)	1003 (27.1)	198 (19.7)
Missing ^{**}	1 (0.1)		17 (0.9)		5 (0.3)		2 (0.2)		17 (0.5)	
Exposure to SHS in public places										
No	1361 (68.2)	279 (20.5)	1166 (58.8)	215 (18.4)	1413 (80.4)	287 (20.3)	704 (54.1)	138 (19.6)	2750 (74.2)	355 (12.9)
Yes	634 (31.8)	210 (33.1)	818 (41.2)	230 (28.1)	345 (19.6)	103 (29.9)	597 (45.9)	157 (26.3)	954 (25.8)	224 (23.5)
Missing ^{**}	2 (0.1)		14 (0.7)		7 (0.4)		4 (0.3)		14 (0.4)	
Parental smoking										
No (none)	1287 (65.0)	290 (22.5)	1263 (63.5)	274 (21.7)	N/A	N/A	773 (61.3)	167 (21.6)	1940 (53.4)	269 (13.9)
Yes (one or both)	693 (35.0)	193 (27.9)	725 (36.5)	171 (23.6)			489 (38.7)	120 (24.5)	1696 (46.6)	302 (17.8)
Missing or don't know ^{**}	17 (2.3)		10 (0.5)				43 (3.3)		82 (2.2)	
Peers smoking										
No	1298 (65.1)	238 (18.3)	1051 (53.0)	169 (16.1)	N/A	N/A	699 (53.6)	104 (14.9)	2306 (62.4)	239 (10.4)
Yes	697 (34.9)	251 (36.0)	933 (47.0)	277 (29.7)			605 (46.4)	192 (31.7)	1387 (37.6)	341 (24.6)
Missing ^{**}	2 (0.1)		14 (0.7)				1 (0.1)		25 (0.7)	
Seen anyone smoking inside the school or outside										
on school property										
Yes	611 (30.7)	168 (27.5)	660 (33.1)	161 (24.4)	829 (47.2)	212 (25.6)	651 (50.1)	170 (26.1)	1548 (42.5)	274 (17.7)
No	1382 (69.3)	320 (23.2)	1333 (66.9)	289 (21.7)	928 (52.8)	182 (19.6)	649 (49.9)	124 (19.1)	2092 (57.5)	287 (13.7)
Missing**	4 (0.2)		5 (0.3)		8 (0.5)		5 (0.4)		78 (2.1)	
Knowledge about harmful effects of smoking										
No	108 (5.4)	36 (33.3)	N/A	N/A	N/A	N/A	102 (7.9)	35 (34.3)	N/A	N/A
Yes	1886 (94.6)	453 (24.0)					1191 (92.1)	257 (21.6)		
Missing**	3 (0.2)						12 (0.9)			
Knowledge about harmful effects of SHS										

No	129 (6.5)	44 (34.1)	124 (6.2)	45 (36.3)	94 (5.3)	35 (37.2)	160 (12.3)	49 (30.6)	572 (15.5)	136 (23.8)
Yes	1866 (93.5)	446 (23.9)	1868 (93.8)	404 (21.6)	1667 (94.7)	358 (21.5)	1144 (87.7)	248 (21.7)	3120 (84.5)	445 (14.3)
Missing**	2 (0.1)		6 (0.3)		4 (0.2)		1 (0.1)		26 (0.7)	
Seen people using tobacco when watched TV,										
videos or movies										
Yes	1423 (71.3)	371 (26.1)	1018 (51.5)	250 (24.6)	1323 (75.0)	323 (24.4)	724 (56.2)	185 (25.6)	1986 (54.0)	335 (16.9)
No	572 (28.7)	118 (20.6)	960 (48.5)	197 (20.5)	440 (25.0)	71 (161)	565 (43.8)	109 (19.3)	1694 (46.0)	239 (14.1)
Missing**	2 (0.1)		20 (1.0)		2 (0.1)		16 (1.2)		38 (1.0)	
Exposure to advertisements or promotions at points										
of sale										
Yes	878 (44.0)	240 (27.3)	603 (30.4)	169 (28.0)	543 (30.8)	156 (28.7)	226 (17.4)	58 (25.7)	923 (25.0)	171 (18.5)
No	1117 (56.0)	248 (22.2)	1383 69.6)	281 (20.3)	1218 (69.2)	237 (19.5)	1076 (82.6)	239 (22.2)	2763 (75.0)	403 (14.6)
Missing**	2 (0.1)		12 (0.6)		4 (0.2)		3 (0.2)		32 (0.9)	
Exposure to antismoking media messages			· /				· · ·		<u>```</u>	
Yes	949 (47.7)	229 (24.1)	932 (47.3)	191 (20.5)	787 (44.8)	184 (23.4)	602 (46.7)	127 (21.1)	2213 (60.4)	338 (15.3)
No	1042 (52.3)	259 (24.9)	1040 (52.7)	250 (24.0)	969 (55.2)	206 (21.3)	687 (53.5)	162 (23.6)	1452 (39.6)	227 (15.6)
Missing**	6 (0.3)		26 (1.3)		9 (0.5))	16 (1.2)		53 (1.4)	()
School discussion about health effects of smoking										
Yes	872 (43.8)	189(21.7)	879 (44.1)	177 (20.1)	741 (42.1)	140 (18.9)	823 (63.1)	149 (18.1)	1550 (42.0)	239 (15.4)
No	1119 (56.2)	297 (26.5)	1112 (55.9)	272 (24.5)	1018 (57.9)	253 (24.9)	481 (36.9)	147 (30.6)	2137 (58.0)	327(15.3)
Missing**	6(0.3)	_,. (,	7(0.4)	(,	6 (0.3)		1 (0 1)		31 (0.8)	
School discussion about the reasons why people use	0 (010)		, (011)		0 (012)		1 (011)		01 (010)	
tobacco										
Yes	592 (29 7)	142 (24.0)	648 (32 6)	144(222)	443 (25 3)	103 (23 3)	506 (38.8)	108 (21.3)	1361 (36.9)	243 (17.9)
No	1398 (70.3)	346(24.8)	1340(67.4)	304(22.2)	1310 (74 7)	289 (22.1)	798 (61.2)	189(23.7)	2328 (63.1)	331(142)
Missing**	7 (0 4)	510 (21.0)	10 (0 5)	501 (22.7)	12(0.7)	20) (22.1)	1 (0 1)	10) (25.7)	29 (0.8)	551 (11.2)
Antismoking education provided by family	7 (0.1)		10 (0.5)		12 (0.7)		1 (0.1)		2) (0.0)	
Yes	1268 (63.8)	298 (23.5)	N/A	N/A	1210 (69 5)	238 (197)	765 (59.7)	167 (21.8)	2532 (69.4)	353 (13.9)
No	719 (36.2)	190(26.4)	10/11	1.0/2.1	530 (30 5)	150 (28.3)	517(40.3)	123 (23.8)	1116(30.6)	195(17.5)
Missing**	10 (0.5)	1)0 (20.4)			25(14)	150 (20.5)	23 (1.8)	125 (25.6)	70 (1.9)	1)5 (17.5)
Difficulty of quitting smoking by smoker	10 (0.5)				25 (1.4)		25 (1.0)		70 (1.7)	
Not difficult	152 (77)	12 (29.1)	228 (16.5)	80 (24.4)	281 (16 1)	67 (22.8)	502 (28 5)	117 (22.2)	022(24.0)	188 (20.4)
Difficult	18/3 (02.3)	43(20.1)	1658 (83.5)	364(21.9)	1468 (83.0)	323(22.0)	302 (38.3) 801 (61 5)	117(23.3) 170(22.3)	222(24.9)	304(14.2)
Missing**	10+3(92.3) 1(0.1)	447 (24.3)	10.06 (00.0)	504 (21.9)	1408 (05.9)	323 (22.0)	2 (0 2)	179 (22.3)	12 (0.2)	594 (14.2)
funssing	1 (0.1)		12 (0.0)		10 (0.9)		2 (0.2)		13 (0.3)	
smoking helps people feel more comfortable of less										
software at celebrations parties of in other social										
gamenings More comfortable	722 (26 1)	202 (27.0)	862 (11 0)	220 (25 5)	840 (48 0)	220 (25.0)	248 (27.0)	110(21.6)	702 (21.9)	170 (22.6)
	125 (50.4)	202 (27.9)	802 (44.0) 1006 (56.0)	220(23.3)	049 (40.9) 096 (51.1)	220(23.9)	546 (27.0) 041 (72.0)	110 (51.0)	792 (21.8)	179(22.0)
Less comfortable or no differences	1204 (03.0)	280 (22.0)	1096 (50.0)	220 (20.1)	880 (51.1)	105 (18.0)	941 (75.0)	179 (19.0)	2840 (78.2)	370 (13.2)
	10 (0.3)		40 (2.0)		50 (1.7)		10(1.2)		80 (2.3)	
People who smoke have more or less friends	NT / A	27/4	220 (167)	75 (00 7)	NT / A	27/4	105 (00 5)	05 (00 1)	576 (15.0)	100 (01.0)
More fiends	N/A	N/A	330 (16.7)	/5 (22.7)	N/A	N/A	425 (32.7)	95 (22.4)	5/6 (15.8)	122 (21.2)
Less friends			432 (21.9)	68 (15.7)			267 (20.6)	42 (15.7)	1067 (29.3)	104 (9.8)
No differences			1211 (61.4)	297 (24.5)			606 (46.&)	157 (25.9)	2002 (54.9)	338 (16.9)
Missing			25 (1.3)				7 (0.5)		73 (2.0)	
Smoking makes young people look more or less										
attractive										
More attractive	N/A	N/A	63 (3.4)	54 (33.1)	N/A	N/A	75 (5.8)	20 (26.7)	317 (8.7)	82 (25.9)
Less attractive			1228 (65.9)	225 (18.3)			874 (67.6)	170 (19.5)	1727 (47.2)	169 (9.8)
No differences			572 (30.7)	154 (26.9)			344 (26.6)	105 (30.5)	1618 (44.2)	311 (19.2)
Missing			35 (1.8)				12 (0.9)		56 (1.5)	
* 1 1 1 1 0 1 1 1	also de	0 1 1	0 1 1							

^{*}percentages calculated for observed values; **percentages of total number of subjects SHS – secondhand smoke

N/A – data is not available

Table S2. Factors associated with susceptibility to tobacco use among never smoking youth from five central and eastern European countries - univariable logistic regression

Czech R Characteristics N=1		Czech Republic Slovakia N=1997 N=1998			Slovenia N=1765	Lithuania N=1305	Lithuania N=1305			
	OR (95 CI)	p-value	OR (95 CI)	p-value	OR (95 CI)	p-value	OR (95 CI)	p-value	OR (95 CI)	p-value
Sex										
Male (ref.)										
Female	1.30 (1.06-1.59)	0.01	1.06 (0.86-1.31)	0.57	1.42 (1.13-1.79)	< 0.01	1.12 (0.86-1.45)	0.41	0.92 (0.77-1.09)	0.33
Age										
13 years or younger (ref.)										
14 years	1.16 (0.91-1.47)	0.22	1.25 (0.98-1.60)	0.07	1.07 (0.78-1.48)	0.66	1.52 (1.08-2.13)	0.02	1.76 (1.45-2.14)	< 0.01
15 years or older	1.24 (0.96-1.60)	0.10	1.59 (1.21-2.07)	< 0.01	1.50(1.12-2.02)	< 0.01	1.39 (0.98-1.96)	0.06	1.68 (1.29-2.18)	< 0.01
Money available per week for own expenses		0.00								
None or little (ref.)										
More	1 56 (1 24-1 96)	<0.01	1.73(1.37-2.17)	<0.01	2.02(1.60-2.54)	<0.01	0.93 (0.70 - 1.25)	0.65	1 85 (1 55-2 21)	0.93
Mother's advantion	1.50 (1.24-1.50)	<0.01	1.75 (1.57-2.17)	<0.01	2.02 (1.00-2.54)	<0.01	0.95 (0.70-1.25)	0.05	1.05 (1.55-2.21)	0.75
Palow Collage or University (ref.)										
Callere an University (Iel.)	NT/A		1 12 (0 00 1 42)	0.20	NT/A		0.91 (0.57, 1.15)	0.24	1 10 (0 00 1 22)	0.26
College of University	N/A		1.13 (0.90-1.43)	0.29	IN/A		0.81 (0.57-1.15)	0.24	1.10 (0.90-1.55)	0.30
Father's education										
Below College or University (ref.)										
College or University	N/A		1.09 (0.85-1.40)	0.49	N/A		1.02 (0.72-1.47)	0.89	1.09 (0.89-1.34)	0.38
Exposure to SHS at home										
No (ref.)										
Yes	1.40 (1.10-1.77)	0.01	1.48 (1.18-1.87)	< 0.01	1.26 (0.98-1.63)	0.08	1.26 (0.96-1.66)	0.09	1.48 (1.22-1.79)	< 0.01
Exposure to SHS in public places										
No (ref.)										
Yes	1.92 (1.55-2.37)	< 0.01	1.73 (1.40-2.14)	< 0.01	1.67 (1.28-2.18)	< 0.01	1.46 (1.13-1.90)	< 0.01	2.07 (1.72-2.49)	< 0.01
Parental smoking										
No (none) (ref.)										
Yes (one or both)	1.33 (1.07-1.64)	0.01	1.11 (0.90-1.38)	0.33	N/A		1.18 (0.90-1.54)	0.23	1.35 (1.13-1.61)	< 0.01
Peers smoking	· · · · · ·		· · · · · · · · · · · · · · · · · · ·							
No (ref.)										
Yes	2,51 (2,03-3,09)	< 0.01	2,20 (1,77-2,74)	< 0.01	N/A		2.66 (2.03-3.48)	< 0.01	2,82 (2,35-3,38)	< 0.01
Seen anyone smoking inside the school or	2101 (2100 010))	(0101	2.20 (1, 2)	(0101	1.011		2100 (2102 0110)	(0101	2102 (2100 0100)	
outside on school property										
No (ref.)										
Ves	1.26(1.01-1.56)	0.04	1 17 (0 93-1 45)	0.17	1.41(1.12-1.76)	<0.01	1.50(1.15-1.94)	<0.01	1 35 (1 13-1 62)	<0.01
Knowledge about hermful effects of smoking	1.20 (1.01-1.50)	0.04	1.17 (0.75-1.45)	0.17	1.41 (1.12-1.70)	<0.01	1.50 (1.15-1.94)	<0.01	1.55 (1.15-1.02)	<0.01
Vac (ref.)										
ies (iei.)	1 59 (1 05 0 20)	0.02	NT/A		NT/A		1.00 (1.22.2.02)	-0.01	NT/A	
	1.58 (1.05-2.59)	0.03	N/A		IN/A		1.90 (1.23-2.92)	<0.01	N/A	
Knowledge about narmful effects of SHS										
Yes (ref.)	1 (5 (1 10 0 11)	0.01	2.06 (1.41.2.02)	0.01	0.17 (1.40.0.05)	0.01	1.50 (1.11.0.00)	0.01	1 00 (1 51 0 00)	0.01
NO	1.05 (1.13-2.41)	0.01	2.06 (1.41-3.03)	<0.01	2.17 (1.40-3.35)	<0.01	1.59 (1.11-2.30)	0.01	1.88 (1.51-2.33)	<0.01
Seen people using tobacco when watched										
TV, videos or movies										
No (ref.)										
Yes	1.36 (1.07-1.72)	0.01	1.26 (1.02-1.56)	0.03	1.67 (1.26-2.23)	< 0.01	1.44 (1.10-1.88)	0.01	1.24 (1.03-1.48)	0.03
Exposure to advertisements or promotions at points of sale										

Yes 1.32 (1.07-1.62) 0.01 1.53 (1.22-1.90) <0.01	No (ref.)										
Exposure to antismoking media messages Ves (ref.) 0.04 (0.85-1.28) 0.71 1.23 (0.99-1.52) 0.06 0.88 (0.71-1.11) 0.29 1.15 (0.89-1.50) 0.29 1.03 (0.86-1.23) 0.77 School discussion about health effects or sorking 0.77 School discussion about health effects or sorking 0.77 School discussion about health effects or sorking 1.31 (1.06-1.61) 0.01 1.28 (1.04-1.59) 0.02 1.42 (1.13-1.79) <0.01	Yes	1.32 (1.07-1.62)	0.01	1.53 (1.22-1.90)	< 0.01	1.67 (1.32-2.11)	< 0.01	1.21 (0.87-1.68)	0.26	1.33 (1.09-1.62)	$<\!0.01$
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Exposure to antismoking media messages										
No 1.04 (0.85-1.28) 0.71 1.23 (0.99-1.52) 0.06 0.88 (0.71-1.11) 0.29 1.15 (0.89-1.50) 0.29 1.03 (0.86-1.23) 0.77 School discussion about health effects of smoking Yes (ref.)	Yes (ref.)										
School discussion about health effects of smoking Yes (ref.) No 1.31 (1.06-1.61) 0.01 1.28 (1.04-1.59) 0.02 1.42 (1.13-1.79) <0.01 1.99 (1.53-2.59) <0.01 0.99 (0.83-1.19) 0.92 School discussion about the reasons why people use tobacco Yes (ref.) 0.02 1.42 (1.13-1.79) <0.01	No	1.04 (0.85-1.28)	0.71	1.23 (0.99-1.52)	0.06	0.88 (0.71-1.11)	0.29	1.15 (0.89-1.50)	0.29	1.03 (0.86-1.23)	0.77
sinking Yes (ref.) No 1.31 (1.06-1.61) 0.01 1.28 (1.04-1.59) 0.02 1.42 (1.13-1.79) <0.01 1.99 (1.53-2.59) <0.01 0.99 (0.83-1.19) 0.92 School discussion about the reasons why people use tobacco 0.99 (0.83-1.09) 0.92 0.99 (0.83-1.19) 0.92 0.92 0.93 (0.72-1.21) 0.60 1.14 (0.87-1.50) 0.33 0.76 (0.64-0.91) <0.01	School discussion about health effects of										
Yes (rcf.) No 1.31 (1.06-1.61) 0.01 1.28 (1.04-1.59) 0.02 1.42 (1.13-1.79) <0.01 1.99 (1.53-2.59) <0.01 0.99 (0.83-1.19) 0.92 School discussion about the reasons why people use tobacco Yes (rcf.) Ves	smoking										
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Anismoking education provided by family Yes (ref.) No 1.17 (0.95-1.44) 0.15 NA 1.61 (1.27-2.04) <0.01	No	1.04 (0.83-1.30)	0.72	1.03 (0.82-1.29)	0.82	0.93 (0.72-1.21)	0.60	1.14 (0.87-1.50)	0.33	0.76 (0.64-0.91)	< 0.01
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	Less attractive			0.61 (0.48-0.77)	< 0.01			0.55 (0.41-0.73)	< 0.01	0.46 (0.37-0.56)	< 0.01

SHS - secondhand smoke

N/A – data is not available



Fig. S1. Forest plots showing adjusted associations of selected sociodemographic factors and susceptibility to tobacco use among never smoking youth from five central and eastern European countries. Countryspecific odds ratio (OR) and 95% confidence interval (CI) were estimated by multivariable logistic regression models, and overall OR and 95% CI were estimated by random-effects meta-analysis by country. The following factors were included in the model: sex, age, money available for own expenses, SHS exposure at home and in public places, parental and peers smoking, knowledge about harmfulness of active and passive smoking, difficulty of quitting smoking, attractiveness and popularity of smoking, antismoking education provided by the school or family, tobacco advertising at point of sale, noticing people smoking at school and in movies. I², percentage of the total variability attributable to between-country heterogeneity; p, p value of heterogeneity using the Cochran's Q test.



Fig. S2. Forest plots showing adjusted associations of selected factors related to SHS exposure and susceptibility to tobacco use among never smoking youth from five central and eastern European countries. Country-specific odds ratio (OR) and 95% confidence interval (CI) were estimated by multivariable logistic regression models, and overall OR and 95% CI were estimated by random-effects meta-analysis by country. The following factors were included in the model: sex, age, money available for own expenses, SHS exposure at home and in public places, parental and peers smoking, knowledge about harmfulness of active and passive smoking, difficulty of quitting smoking, attractiveness and popularity of smoking, antismoking education provided by the school or family, pro-tobacco media and advertising. I², percentage of the total variability attributable to between-country heterogeneity; p, p value of heterogeneity using the Cochran's Q test.



Fig. S3. Forest plots showing adjusted associations of noticing tobacco advertising at point of sale, people smoking at school and in movies and susceptibility to tobacco use among never smoking youth from five central and eastern European countries. Country-specific odds ratio (OR) and 95% confidence interval (CI) were estimated by multivariable logistic regression models, and overall OR and 95% CI were estimated by random-effects meta-analysis by country. The following factors were included in the model: sex, age, money available for own expenses, SHS exposure at home and in public places, parental and peers smoking, knowledge about harmfulness of active and passive smoking, difficulty of quitting smoking, attractiveness and popularity of smoking, antismoking education provided by the school or family, protobacco media and advertising. I², percentage of the total variability attributable to between-country heterogeneity; p, p value of heterogeneity using the Cochran's Q test.



B) Knowledge about harmful effects of SHS: no vs. yes (ref.)







Fig. S4. Forest plots showing adjusted associations of knowledge about harmfulness of active and passive smoking, difficulty of quitting smoking, and susceptibility to tobacco use among never smoking youth from five central and eastern European countries. Country-specific odds ratio (OR) and 95% confidence interval (CI) were estimated by multivariable logistic regression models, and overall OR and 95% CI were estimated by random-effects meta-analysis by country. The following factors were included in the model: sex, age, money available for own expenses, SHS exposure at home and in public places, parental and peers smoking, knowledge about harmfulness of active and passive smoking, difficulty of quitting smoking, attractiveness and popularity of smoking, antismoking education provided by the school or family, tobacco advertising at point of sale, noticing people smoking at school and in movies. I², percentage of the total variability attributable to between-country heterogeneity; p, p value of heterogeneity using the Cochran's Q test.

 A) Smoking helps people feel more or less comfortable at celebrations parties or in other social gatherings more comfortable vs. less comfortable or no differences (ref.)



B) Attitudes towards popularity of people who smoke People who smoke have more fiends vs. no differences (ref.)









E) Attitudes towards attractiveness of people who smoke less attractive vs. no differences (ref.)



Fig. S5. Forest plots showing adjusted associations of attractiveness and popularity of smoking and susceptibility to tobacco use among never smoking youth from five central and eastern European countries. Country-specific odds ratio (OR) and 95% confidence interval (CI) were estimated by multivariable logistic regression models, and overall OR and 95% CI were estimated by random-effects meta-analysis by country. The following factors were included in the model: sex, age, money available for own expenses, SHS exposure at home and in public places, parental and peers smoking, knowledge about harmfulness of active and passive smoking, difficulty of quitting smoking, attractiveness and popularity of smoking, antismoking education provided by the school or family, tobacco advertising at point of sale, noticing people smoking at school and in movies. I², percentage of the total variability attributable to between-country heterogeneity; p, p value of heterogeneity using the Cochran's Q test.