

Supplementary data

Table S1: The crude association between tobacco use and respiratory health and sleep-related symptoms (unadjusted odds ratio (95% CI)).

	Tobacco users		
	Snus users (n =2,265)	Smokers (n= 3,136)	Smokers and snus users (n=597)
Asthma	1.39 (1.19-1.61)	0.93 (0.79-1.08)	0.83 (0.57-1.18)
Asthmatic symptoms			
Wheezing	1.47 (1.31-1.64)	2.78 (2.55-3.03)	1.93 (1.59-2.34)
Wheezing and breathlessness	1.36 (1.18-1.56)	2.09 (1.88-2.33)	1.35 (1.04-1.74)
Wheezing without having a cold	1.50 (1.31-1.72)	2.64 (2.38-2.92)	2.09 (1.68-2.61)
Night-time chest tightness	1.16 (1.01-1.32)	1.68 (1.51-1.87)	1.44 (1.14-1.82)
Night-time attacks of breathlessness	1.06 (0.88-1.28)	1.56 (1.35-1.80)	1.67 (1.24-2.23)
Night-time coughing	0.91 (0.82-1.01)	1.74 (1.61-1.89)	1.47 (1.23-1.75)
Chronic bronchitis	1.22 (1.07-1.40)	2.56 (2.32-2.65)	1.95 (1.57-2.41)
Allergic rhinitis	1.16 (1.05-1.28)	0.93 (0.85-1.02)	0.88 (0.72-1.07)
Chronic rhinosinusitis	1.27 (1.09-1.48)	1.89 (1.68-2.13)	1.92 (1.50-2.44)
Sleeping problems			
Snoring	1.74 (1.56-1.94)	1.74 (1.58-1.91)	2.44 (2.04-2.93)
DIS ^a	1.60 (1.43-1.80)	2.21 (2.01-2.43)	2.90 (2.41-3.49)
DMS ^b	0.65 (0.58-0.72)	1.07 (0.98-1.16)	0.77 (0.63-0.93)
EDS ^c	1.13 (1.03-1.24)	1.35 (1.25-1.47)	1.41 (1.19-1.67)
EMA ^d	0.80 (0.70-0.91)	1.31 (1.18-1.44)	0.83 (0.65-1.07)
Use of hypnotics	1.02 (0.83-1.24)	2.39 (2.10-2.72)	1.99 (1.49-2.64)

^aDIS, difficulty initiating sleep; ^bDMS, difficulty maintaining sleep; ^cEDS, excessive day sleepiness; ^dEMA, early morning awakening at least three to five nights/week

Associations with a *p*-value of < 0.05 are marked as bold