

Table S1: Demographic factors associated with frequent nocturnal sweating (≥ 3 x a week) in the general population and OSA cohorts. The associations are expressed as adjusted odds ratio with a 95% confidence interval (OR (95% CI)). Significant findings ($p < 0.05$) are shown in bold.

	General population only		OSA cohort only	
	Unadjusted OR (95% CI)	Adjusted OR (95% CI)*	Unadjusted OR (95% CI)	Adjusted OR (95% CI)*
Female gender	1.37 (0.86 - 2.2)	1.38 (0.85 - 2.24)	1.13 (0.78 - 1.64)	1.24 (0.84 - 1.82)
Age per 10 year	0.92 (0.74 - 1.14)	0.75 (0.57 - 0.99)	0.81 (0.70 - 0.93)	0.79 (0.67 - 0.93)
BMI per 5 units	1.22 (0.97 - 1.52)	1.21 (0.96 - 1.52)	1.12 (0.99 - 1.28)	1.05 (0.92 - 1.21)
Current smoker	1.56 (0.89 - 2.72)	1.77 (0.98 - 3.19)	1.27 (0.89 - 1.81)	1.22 (0.85 - 1.76)
Hypertension	1.32 (0.79 - 2.23)	1.37 (0.75 - 2.51)	1.20 (0.89 - 1.62)	1.48 (1.06 - 2.08)
CVD	1.64 (0.90 - 2.97)	2.38 (1.14 - 4.95)	0.69 (0.46 - 1.04)	0.68 (0.38 - 1.23)
Diabetes	2.77 (0.98 - 7.8)	2.66 (0.87 - 8.16)	0.73 (0.42 - 1.27)	0.83 (0.54 - 1.28)

Abbreviations: BMI, body mass index; CVD, cardiovascular disease, defined as a doctor diagnosis of coronary artery occlusion (myocardial infarction or heart attack), heart failure and/or stroke. Hypertension and diabetes were defined as a doctor diagnosis and treatment with medication. *Adjusted for all other variables in table.

Table S2: Independent associations between reported symptoms with nocturnal sweating in the general population and OSA cohorts. Odds ratios (OR) are shown with 95% confidence intervals (CI) and significant findings ($p < 0.05$) are shown in bold.

	General population only		OSA patients only	
	OR (95% CI) Partially adjusted *	OR (95% CI) Fully adjusted**	OR (95% CI) Partially adjusted *	OR (95% CI) Fully adjusted**
Reported snoring ≥ 3 d/w	1.92 (1.04 – 3.54)	1.00 (0.47 – 2.11)	2.47 (0.94 – 6.53)	1.77 (0.62 – 5.02)
Difficulties initiating sleep ≥ 3 d/w	4.70 (2.66 – 8.32)	4.31 (1.84 – 10.10)	1.64 (1.09 – 2.46)	1.49 (0.88 – 2.52)
Difficulties maintaining sleep ≥ 3 d/w	2.68 (1.63 - 4.41)	1.12 (0.53 - 2.37)	2.01 (1.46 – 2.78)	1.71 (1.15- 2.55)
Feeling sleepy or drowsy during the day (6-7d/w)	2.31 (1.16 - 4.58)	2.28 (0.81 – 6.48)	2.34 (1.57 – 3.49)	1.96 (1.28 – 3.01)
Epworth Sleepiness Scale per 5 unit ^b	1.24 (0.91 - 1.68)	1.26 (0.83 – 1.91)	1.24 (1.07 - 1.45)	1.19 (1.01 - 1.40)
Restless legs syndrome symptoms	2.00 (1.15 - 3.46)	1.27 (0.57 – 2.87)	1.47 (1.07 – 2.00)	1.24 (0.84 – 1.82)
Nocturnal GER symptoms ≥ 1 d/w	1.75 (0.74 – 4.17)	0.97 (0.12 - 7.78)	2.21 (1.46 – 3.33)	1.84 (1.06 – 3.20)
Daytime GER symptoms ≥ 1 d/w	1.19 (0.39 - 3.66)	0.66 (0.08 – 5.37)	1.99 (1.41 – 2.80)	1.76 (0.95 – 2.42)
High risk OSA (MAP score ≥ 0.75) [#]	2.08 (0.94 – 4.59)	1.43 (0.54 – 3.79)		

Abbreviations: d/w, day per week; GER, gastroesophageal reflux.

*Partially adjusted odds ratios are adjusted for the demographics shown in Table S1.

**Fully adjusted odds ratios are adjusted for demographics as well as snoring, difficulties initiating and maintaining sleep, feeling sleepy/drowsy, restless legs syndrome, daytime and nocturnal GER.

§The fully adjusted Epworth score is not adjusted for feeling sleepy/drowsy during the day.

#The partial MAP score is not adjusted for gender, age and BMI, as it forms a part of the MAP score itself. Additionally the fully adjusted MAP score is not adjusted for snoring.