

Supplementary Table 4. Association of individual characteristics of snoring with prediabetes and type 2 diabetes mellitus by hypertension prevalence ($n=3,948$)

Snoring characteristic/HTN	Prediabetes			Type 2 diabetes mellitus		
	No. of case (%)	OR (95% CI)	<i>P</i> value	No. of case (%)	OR (95% CI)	<i>P</i> value
Intensity						
Without						
Does not snore	278 (33.3)	1.00 (Ref)	-	47 (26.0)	1.00 (Ref)	-
Slightly louder than breathing	256 (30.7)	1.40 (1.03–1.78)	0.019	55 (30.4)	1.61 (1.05–2.17)	0.028
As loud as talking	176 (21.1)	1.57 (1.13–1.95)	0.007	45 (24.9)	1.75 (1.10–2.57)	0.021
Louder than talking	78 (9.3)	1.75 (1.15–2.03)	0.006	17 (9.4)	1.86 (1.20–2.71)	0.008
Very loud	47 (5.6)	1.94 (1.41–2.42)	0.006	17 (9.4)	2.18 (1.32–3.87)	0.002
With						
Does not snore	93 (24.1)	1.00 (Ref)		39 (22.8)	1.00 (Ref)	
Slightly louder than breathing	105 (27.2)	1.11 (0.82–1.60)	0.632	37 (21.6)	1.26 (0.80–1.61)	0.507
As loud as talking	93 (24.1)	1.21 (0.94–1.74)	0.509	53 (31.0)	1.40 (0.94–2.24)	0.197
Louder than talking	62 (16.1)	1.45 (0.94–2.11)	0.238	25 (14.6)	1.07 (0.52–1.71)	0.806
Very loud	33 (8.6)	1.31 (0.63–1.90)	0.688	17 (9.9)	1.16 (0.57–2.24)	0.690
Frequency						
Without						
Never or nearly never	301 (36.1)	1.00 (Ref)		48 (26.5)	1.00 (Ref)	
1–2 times a month	116 (13.9)	1.20 (1.01–1.69)	0.038	29 (16.0)	1.65 (1.01–2.72)	0.027
1–2 times a week	179 (21.4)	1.48 (1.07–1.99)	0.027	35 (19.3)	1.87 (1.02–2.23)	0.018
3–4 times a week	119 (14.3)	1.68 (1.20–2.02)	0.009	29 (16.0)	2.10 (1.25–3.35)	0.007
Nearly every day	120 (14.4)	1.87 (1.28–2.11)	0.008	40 (22.1)	2.38 (1.49–3.90)	<0.001
With						
Never or nearly never	109 (28.3)	1.00 (Ref)		42 (24.6)	1.00 (Ref)	
1–2 times a month	56 (14.6)	1.67 (1.01–2.76)	0.036	17 (9.9)	0.85 (0.50–1.60)	0.766
1–2 times a week	72 (18.7)	1.00 (0.58–1.62)	0.718	43 (25.2)	1.51 (0.94–2.60)	0.092
3–4 times a week	66 (17.1)	1.08 (0.68–1.83)	0.632	26 (15.2)	1.00 (0.58–1.78)	0.967
Nearly every day	82 (21.3)	1.41 (0.90–2.00)	0.222	43 (25.2)	1.32 (0.76–2.30)	0.261
Bothersome						
Without						
Does not snore	278 (33.3)	1.00 (Ref)		47 (26.0)	1.00 (Ref)	
Not disruptive	418 (50.1)	1.39 (1.01–1.77)	0.038	93 (51.4)	1.57 (1.09–2.22)	0.018
Disruptive	139 (16.7)	1.17 (0.75–1.80)	0.291	41 (22.7)	1.90 (1.21–2.90)	0.007
With						
Does not snore	93 (24.1)	1.00 (Ref)		39 (22.8)	1.00 (Ref)	
Not disruptive	206 (53.4)	1.14 (0.82–1.66)	0.679	92 (53.8)	1.16 (0.77–1.78)	0.490
Disruptive	87 (22.5)	1.20 (0.70–1.90)	0.530	40 (23.4)	1.04 (0.57–1.71)	0.868

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