

Table 4 Relationship between nasal allergy and asthma symptoms, self-reported asthma and asthma medication use in 20–44-year-old adults in Urmia

Question	Nasal allergy				OR (95% CI)
	Yes (<i>n</i> = 477)		No (<i>n</i> = 2510)		
	No.	%	No.	%	
1 Wheeze	48	10.1	96	3.8	2.8 (1.9–4.0)
1.1 Breathless with wheezing	38	8.0	60	2.4	3.5 (2.3–5.4)
1.2 Wheeze without cold	35	7.3	67	2.7	2.8 (1.8–4.3)
2 Shortness of breath at rest	33	6.9	55	2.2	3.3 (2.1–5.1)
3 Shortness of breath after exercise	66	13.8	145	5.8	2.6 (1.9–3.5)
4 Chest tightness	54	11.3	95	3.8	3.2 (2.3–4.6)
5 Nocturnal shortness of breath	35	7.3	53	2.1	3.6 (2.3–5.7)
6 Nocturnal cough	99	20.8	210	8.4	2.8 (2.2–3.7)
7 Asthma attack	19	4.0	16	0.6	6.4 (3.3–12.6)
8 Asthma medication	16	3.4	16	0.6	5.4 (2.7–10.9)
7 or 8 Current asthma ^a	22	4.6	21	0.8	3.3 (2.4–4.5)

P-value for all variables < 0.001.

^aThose who answered yes to question 7 and/or question 8 were designated as “diagnosed current asthma”.

OR = odds ratio; CI = confidence interval.