

**Table 1 Univariate analysis of potential risk factors for bronchial asthma in the study sample (n = 1325)**

Variable	Ever had asthma		Crude OR	95% CI
	No.	%		
<i>Altitude</i>				
Sea level	111	19.5	3.27*	(2.30–4.64)
High altitude	52	6.9		
<i>Age group</i>				
Adult	111	14.0	1.49*	(1.05–2.11)
Adolescent (11–19 years)	52	9.8		
<i>Sex</i>				
Male	82	13.1	1.15	(0.83–1.60)
Female	81	11.6		
<i>Education</i>				
Illiterate	88	14.5	1.46*	(1.05–2.03)
Educated	75	10.4		
<i>Occupation</i>				
Shepherd/farmer	18	13.5	1.13	(0.67–1.91)
Other	145	12.2		
<i>Monthly income per capita</i>				
Low (< 400 SR)	46	17.0	1.65*	(1.14–2.38)
High (> 400 SR)	117	11.1		
<i>Crowding index</i>				
High (4+)	43	14.1	1.23	(0.85–1.79)
Low (< 4)	120	11.8		
<i>Type of house</i>				
Mud/tent	10	17.9	1.59*	(1.12–2.18)
Concrete	153	12.0		
<i>Electricity</i>				
No	42	17.5	1.69*	(1.157–2.47)
Yes	121	11.1		
<i>Heating method</i>				
Wood/coal	31	21.1	2.12*	(1.37–3.27)
Other	132	11.2		
<i>Air-conditioning</i>				
Yes	131	14.9	2.28*	(1.52–3.42)
No	32	7.1		
<i>Cooking method</i>				
Wood/coal	36	15.4	1.38	(0.93–2.06)
Other	127	11.6		
<i>Having sheep in house</i>				
Yes	50	15.7	1.47*	(1.03–2.11)
No	113	11.2		

OR = odds ratio; CI = confidence interval; SR = Saudi rials.

\*P < 0.05.