

Table 4 Association between serum 25(OH)D levels (ng/ml) and the risk of wheezing among the studied cases

	B	OR (95% CI)	P
Multivariable model 1*			
Serum 25(OH) D levels	-0.029	0.971 (.957-0.986)	< 0.001
Multivariable model 2**			
Serum 25(OH) D levels	-0.035	0.965 (.948-0.983)	< 0.001
Male sex	0.73	2.078 (1.22-4.3)	0.016
Fall season	1.132	3.1 (1.35-7.1)	0.007
Other atopies in the case	0.83	2.29 (1.22-4.3)	0.01
Age (months)	-0.03	0.97 (0.941-1)	0.052

*Model 1: unadjusted

**Model 2: adjusted for season of serum 25(OH)D measurement, age, sex, day care attendance, parental smoking, other atopies in the cases, family history of atopy, number of persons living in the same house (less than 5, from 5-10 and more than 10), number of children sleeping in the same bedroom (one, two, 3 or more), and consanguinity.