

Table 3. Association of laboratory markers of atopy and eosinophilic activity at the time of index hospital admission with asthma aged 17–20 years.

Parameters	Current asthma <i>n</i> = 26 (53%)	No asthma <i>n</i> = 23 (47%)	Statistical significance* <i>p</i> OR (95% CI)
Serum total IgE, kU/L, median (IQR) [#]	28.0 (3.5-87.75)	9.0 (1.0-46.5)	0.247
Serum total IgE ≥60 kU/L, <i>n</i> , (%)	7/24 (29.2%)	4/21 (19.0%)	0.431 1.75 (0.43-7.10)
Specific IgE to inhaled allergens, <i>n</i> , (%)	5/22 (22.7%)	3/20 (15.0%)	0.667 1.67 (0.34-8.10)
Specific IgE to food allergens, <i>n</i> , (%)	9/22 (40.9%)	7/20 (35.0%)	0.694 1.29 (0.37-4.50)
Blood eosinophils × 10 ⁹ /L, median (IQR) ^{&}	0.43 (0.12-0.70)	0.14 (0.07-0.34)	0.023
Eosinophils ≥ 0.45 × 10 ⁹ /L, <i>n</i> , (%)	10/24 (41.7%)	3/22 (13.6%)	0.043 5.52 (1.05-19.54)
Serum ECP, µg/L, median (IQR) ^ε	4.5 (2.2-9.4)	4.5 (2.3-8.0)	0.836
Nasopharyngeal ECP, ng/g, median (IQR) ^{&}	347 (171-565)	498 (216-991)	0.140
Serum ECP ≥16 µg/L, <i>n</i> , (%)	4/25 (16.0%)	3/23 (13.0%)	0.772 1.27 (0.252-6.40)
Nasopharyngeal ECP ≥ 870 ng/g, <i>n</i> , (%)	4/23 (17.4%)	6/23 (26.1%)	0.475 0.60 (0.14-2.48)

*Mann–Whitney *U*-test for continuous variables, logistic regression for categorical variables, no adjustments.

OR, odds ratio; 95%CI, 95% confidence interval; IQR, interquartile range (25–75%); IgE, immunoglobulin E; ECP, eosinophil cationic protein. [#]*n* = 45; [&]*n* = 46; ^ε*n* = 48