

Table 4 Risk factors for atopy and the significance of their correlation with various sensitization groups for asthmatic children in Bahrain

| Risk factor | Total | | Correlation (<i>P</i> -values) with sensitivity to: | | |
|---------------------------------------|-------------------------|------|--|--|---|
| | No. (<i>n</i> = 95) | % | Aero-allergens ^a (<i>n</i> = 54) | Foods ^b (<i>n</i> = 37) | Either aero-allergens or foods ^c (<i>n</i> = 64) |
| Consanguinous marriage | 21 | 22.1 | 0.975 | 0.166 | 0.653 |
| Carpeted home | 88 | 92.6 | 0.60 | 0.02 | 0.38 |
| Exposure to animals at home | 49 | 51.6 | 0.899 | 0.398 | 0.694 |
| Smoker in house | 30 | 31.6 | 0.169 | 0.78 | 0.674 |
| Family history of atopy | 77 | 81.1 | 0.685 | 0.473 | 0.062 |
| <i>Other atopic conditions</i> | | | | | |
| Known food allergies | 24 | 25.3 | < 0.001 | 0.789 | 0.015 |
| Allergic rhinitis | 23 | 24.2 | 0.004 | 0.642 | 0.021 |
| Eczema | 15 | 15.8 | 0.048 | 0.018 | 0.256 |
| Allergic conjunctivitis | 4 | 4.2 | 0.454 | 0.548 | 0.739 |

^a*Phadiatop* positive; ^b*fx5* positive; ^c*Phadiatop* or *fx5* positive.