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| **Supplementary Material 6.** Association between sIgE levels and asthma status in children, aged 6 to 19 years (n = 2,875) |
| sIgEs | OR1 (95%CI) |  | OR2 (95%CI) |
| Never (n = 2,401) | Ever(n = 474) | Current asthma (n = 160) | 　 | Asthma in remission (n = 314) | Current asthma(n = 160) |
| Der F | Reference | 1.17 (1.13-1.21)\*\*\* | 1.22 (1.15-1.28)\*\*\* |  | Reference | 1.08 (1.01-1.15)\* |
| Der P | Reference | 1.16 (1.12-1.21)\*\*\* | 1.19 (1.13-1.26)\*\*\* |  | Reference | 1.05 (0.98-1.12) |
| Cat | Reference | 1.29 (1.22-1.37)\*\*\* | 1.39 (1.29-1.49)\*\*\* |  | Reference | 1.15 (1.06-1.26)\*\* |
| Dog | Reference | 1.47 (1.37-1.58)\*\*\* | 1.60 (1.46-1.75)\*\*\* |  | Reference | 1.18 (1.07-1.29)\*\* |
| *Alternaria* | Reference | 1.31 (1.24-1.37)\*\*\* | 1.40 (1.31-1.50)\*\*\* |  | Reference | 1.12 (1.04-1.22)\*\* |
| *Aspergillus* | Reference | 1.52 (1.41-1.63)\*\*\* | 1.71 (1.56-1.88)\*\*\* | 　 | Reference | 1.19 (1.08-1.31)\*\*\* |
| sIgE was log 2 transformed. |
| #p<0.1; \*p<0.05; \*\*p<0.01; \*\*\*p<0.001 |
| Der F, *Dermatophagoides farina*; Der P, *Dermatophagoides pteronyssinus*; OR, odds ratio. |