**Table S2.** Odds ratios for allergic rhinitis within 12 months according to the number of toothbrushing

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| The number of brushing teeth | ORs for allergic rhinitis within 12 months | | | | | | | |
|  | Crude | P-value | Model 1† | P-value | Model 2‡ | P-value | Model 3§ | P-value |
| ≥ 4 times a d | 1.30 (1.20-1.40) | <0.001\* | 1.20 (1.11-1.30) | <0.001\* | 1.22 (1.13-1.32) | <0.001\* | 1.28 (1.18-1.38) | <0.001\* |
| 3 times a d | 1.21 (1.13-1.29) | <0.001\* | 1.14 (1.06-1.22) | <0.001\* | 1.15 (1.08-1.24) | <0.001\* | 1.20 (1.12-1.29) | <0.001\* |
| 2 times a d | 1.15 (1.07-1.23) | <0.001\* | 1.11 (1.04-1.19) | 0.003\* | 1.12 (1.04-1.20) | 0.002\* | 1.15 (1.07-1.23) | <0.001\* |
| ≤ 1 times a d | 1 |  | 1 |  | 1 |  | 1 |  |

\* Logistic regression with sampling weights, Significance at P < 0.05

† Model 1 was adjusted for age, sex, economic level, region of residence, education level of father, education level of mother, obesity, smoking, alcohol intake, and physical activity

‡ Model 2 was adjusted for model 1 with asthma and atopic dermatitis history

§ Model 3 was adjusted for model 2 with sealant, scaling, and oral health-related symptoms