**Table S3.** Odds ratios for atopic dermatitis within 12 months according to the number of toothbrushing

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| The number of toothbrushing | ORs for atopic dermatitis within 12 months | | | | | | | |
|  | Crude | P-value | Model 1† | P-value | Model 2‡ | P-value | Model 3§ | P-value |
| ≥ 4 times a d | 1.10 (0.98-1.23) | 0.093 | 1.04 (0.93-1.17) | 0.462 | 1.02 (0.91-1.14) | 0.777 | 1.05 (0.94-1.18) | 0.385 |
| 3 times a d | 1.11 (1.01-1.23) | 0.037\* | 1.05 (0.95-1.16) | 0.349 | 1.04 (0.93-1.15) | 0.509 | 1.07 (0.97-1.19) | 0.199 |
| 2 times a d | 1.06 (0.96-1.17) | 0.288 | 1.03 (0.93-1.14) | 0.579 | 1.02 (0.92-1.13) | 0.746 | 1.04 (0.94-1.15) | 0.489 |
| ≤ 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 allergic rhinitis history

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