

Supplementary Table 4. Additional analysis between pre- and post-menopausal women for the association between oral health score and hyperuricemia

| Variable | Hyperuricemia (uric acid > 7.0 mg/dL in male, > 6.0 mg/dL in female) | | | | | |
|---|--|-----------|---------|---------------------------|-----------|---------|
| | Crude OR | 95% CI | p value | Adjusted OR ^{a)} | 95% CI | p value |
| Pre-menopausal women subjects (n = 4,930/5,581,335) | | | | | | |
| The number of dental caries | | | | | | |
| 0 | 1 | | | 1 | | |
| 1–2 | 1.36 | 1.02–1.82 | 0.005 | 1.07 | 0.78–1.46 | 0.68 |
| ≥ 3 | 1.87 | 1.26–2.77 | 0.04 | 1.19 | 0.77–1.85 | 0.44 |
| The number of tooth brushing | | | | | | |
| ≤ 1 | 1 | | | 1 | | |
| 2 | 0.45 | 0.27–0.72 | < 0.001 | 0.52 | 0.30–0.89 | 0.02 |
| ≥ 3 | 0.47 | 0.30–0.75 | < 0.001 | 0.68 | 0.41–1.16 | 0.16 |
| The use of secondary oral products | | | | | | |
| No | 1 | | | 1 | | |
| Yes | 0.87 | 0.68–1.12 | 0.27 | 1.02 | 0.78–1.34 | 0.88 |
| Regular dental examination | | | | | | |
| No | 1 | | | 1 | | |
| Yes | 0.85 | 0.67–1.09 | 0.20 | 0.97 | 0.75–1.27 | 0.85 |
| Post-menopausal women subjects (n = 4,810/4,564,621) | | | | | | |
| The number of dental caries | | | | | | |
| 0 | 1 | | | 1 | | |
| 1–2 | 1.33 | 1.04–1.70 | 0.02 | 1.22 | 0.93–1.59 | 0.18 |
| ≥ 3 | 1.08 | 0.69–1.69 | 0.73 | 1.03 | 0.63–1.67 | 0.15 |
| The number of tooth brushing | | | | | | |
| ≤ 1 | 1 | | | 1 | | |
| 2 | 0.64 | 0.48–0.86 | 0.003 | 0.94 | 0.68–1.31 | 0.32 |
| ≥ 3 | 0.46 | 0.35–0.62 | < 0.001 | 0.89 | 0.63–1.26 | 0.71 |
| The use of secondary oral products | | | | | | |
| No | 1 | | | 1 | | |
| Yes | 0.64 | 0.53–0.78 | < 0.001 | 0.86 | 0.69–1.08 | 0.20 |
| Regular dental examination | | | | | | |
| No | 1 | | | 1 | | |
| Yes | 0.75 | 0.60–0.92 | 0.007 | 1.02 | 0.81–1.30 | 0.85 |

OR, odds ratio; CI, confidence interval.

^{a)}Logistic model was adjusted for age, sex, income level, body mass index, glomerular filtration rate, hypertension, diabetes, dyslipidemia, cancer, depression, smoking, alcohol consumption, and exercise status.