Supplementary Table 4 Sensitivity analysis of the association between urinary caffeine metabolites with periodontitis by excluding pregnant and breastfeeding women.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Variables | Model 1 | | |  | | | Model 2 | |
| OR (95%CI) | *P* value | | |  | OR (95%CI) | | *P* value |
| 1-MU | 1.10(1.01,1.19) | | 0.020 | |  | 1.10(1.02,1.19) | | 0.020 |
| 7-MU | 1.02(0.78,1.34) | | 0.890 | |  | 0.99(0.75,1.32) | | 0.960 |
| 1,3-DMU | 1.86(0.96,3.59) | | 0.070 | |  | 1.86(1.05,3.27) | | 0.030 |
| 1,7-DMU | 1.10(0.87,1.39) | | 0.400 | |  | 1.10(0.87,1.39) | | 0.420 |
| 3,7-DMU | 0.94(0.90,0.98) | | 0.003 | |  | 0.94(0.90,0.98) | | 0.003 |
| 1,3,7-TMU | 1.97(0.07,53.58) | | 0.680 | |  | 1.68(0.06,46.12) | | 0.750 |
| 1-MX | 1.08(0.92,1.25) | | 0.340 | |  | 1.09(0.93,1.26) | | 0.270 |
| 3-MX | 1.08(0.91,1.28) | | 0.350 | |  | 1.06(0.89,1.27) | | 0.470 |
| 7-MX | 1.02(0.92,1.13) | | 0.690 | |  | 1.02(0.91,1.13) | | 0.730 |
| 1,7-DMX | 1.27(1.01,1.59) | | 0.040 | |  | 1.29(1.02,1.62) | | 0.030 |
| AAMU | 1.15(1.05,1.27) | | 0.004 | |  | 1.15(1.05,1.26) | | 0.004 |

Note: Model 1: adjusted for age, sex, race, educational level, marital status, PIR, BMI, alcohol drinking, smoking status, and DII. Model 2: additionally adjusted for hypertension and diabetes.