**Table S1** Plaque bacteria correlated with dt in the female and male groups.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Group** | **feature** | **PF** | | |  | **PM** | | |
|  |  | *R2* | *p* | *q* |  | *R2* | *p* | *q* |
| **PF** | *g\_\_Moryella* | 0.009 | 0.017 | 0.213 |  | - | - | - |
| *g\_\_Veillonella* | 0.045 | 0.013 | 0.213 |  | - | - | - |
| *f\_\_Veillonellaceae* | 0.050 | 0.007 | 0.100 |  | - | - | - |
| *o\_\_Clostridiales* | 0.060 | 0.001 | 0.016 |  | - | - | - |
| *o\_\_Lactobacillales* | -0.040 | 0.037 | 0.234 |  | - | - | - |
| *o\_\_Pseudomonadales* | -0.010 | 0.049 | 0.234 |  | - | - | - |
| *c\_\_Clostridia* | 0.060 | 0.001 | 0.010 |  | - | - | - |
| *c\_\_TM7.3* | 0.036 | 0.002 | 0.011 |  | - | - | - |
| *c\_\_Bacilli* | -0.040 | 0.049 | 0.194 |  | - | - | - |
| *p\_\_TM7* | 0.036 | 0.002 | 0.015 |  | - | - | - |
| **PM** | *g\_\_Porphyromonas* | - | - | - |  | -0.018 | 0.003 | 0.095 |
| *g\_\_Fusobacterium* | - | - | - |  | -0.042 | 0.004 | 0.095 |
| *g\_\_Neisseria* | - | - | - |  | -0.043 | 0.009 | 0.116 |
| *g\_\_Acinetobacter* | - | - | - |  | -0.008 | 0.008 | 0.116 |
| *g\_\_Granulicatella\_f\_\_Carnobacteriaceae* | - | - | - |  | -0.012 | 0.021 | 0.214 |
| *f\_\_Fusobacteriaceae* | - | - | - |  | -0.042 | 0.004 | 0.129 |
| *f\_\_Porphyromonadaceae* | - | - | - |  | -0.017 | 0.013 | 0.152 |
| *f\_\_Neisseriaceae* | - | - | - |  | -0.045 | 0.009 | 0.152 |
| *f\_\_Carnobacteriaceae* | - | - | - |  | -0.012 | 0.021 | 0.188 |
|  | *o\_\_Neisseriales* | - | - | - |  | -0.045 | 0.009 | 0.190 |
|  | *c\_\_Betaproteobacteria* | - | - | - |  | -0.044 | 0.009 | 0.122 |
|  | *c\_\_Actinobacteria* | - | - | - |  | 0.045 | 0.049 | 0.194 |
|  | *p\_\_Actinobacteria* | - | - | - |  | 0.045 | 0.049 | 0.125 |

Abbreviations: PF, Females' supragingival plaque; PM, Males' supragingival plaque.