Table S5. The significant difference between NPPS and PPS by the *Adnois* and *Anosim* tests

|  |  |  |  |
| --- | --- | --- | --- |
| Methods | Number of permutations | statistic R or R2 | *P*-value |
| *Adnois* | 719 | 1 | 0.1 |
| *Anosim* | 719 | 0.71489 | 0.1 |

The permutation test is applied for *Adnois* and *Anosim* tests under a reduced model.

Statistic R in *Anosim* represents a scaled contrast between the among- and within-group ranks.

The R2 in *Adonis* represents the interpretation of differentiation between groups.

*P* < 0.05 represented a significant difference between groups.