**Table S7. Analysis of the α-diversity in the control and T2D groups.**

|  |  |  |
| --- | --- | --- |
| Alpha name | Observed species index | Shannon index |
| Mean (Control group) | 193.81 | 4.48 |
| Mean (T2D group) | 171.99 | 4.06 |
| P-value | 0.040＊ | 0.009＊ |

The first row is the α-diversity indices. The second and third rows are the mean values of the two indices in the control and T2D groups. The last row is the P-value of the two indices among the two groups using a rank sum test.