**Table S1.**

**Wilcoxon rank-sum test statistics of alpha-diversity between three groups.** *P* < 0.05 represents significant difference. *P* < 0.01 represents extremely significant difference.

|  |  |  |  |
| --- | --- | --- | --- |
| Index type | ALHV vs ALMS *P*-value | ALHV vs SLHV *P*-value | ALMS vs SLHV *P*-value |
| Chao1 | 0.2476 | 0.0119 | 0.0022 |
| Shannon | 0.1278 | 0.7470 | 0.0655 |