Supplementary 6. OTU richness, evenness, Shannon diversity index and Simpson diversity index of sampling sites based on OTU proportion

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Sites | Total OTU(S) | Total proportion(N) | OTU richness(d) | Pielous evenness(J’) | Shannon diversity index(H’)  | Simpson diversity index(1-Lambda’) |
| 16S | Control | 61 | 100 | 13.03 | 0.6291 | 2.586 | 0.8254 |
| Edge | 103 | 100 | 22.15 | 0.6998 | 3.244 | 0.8863 |
| Bloom | 89 | 100 | 19.11 | 0.7095 | 3.185 | 0.8838 |
| 23S | Control | 67 | 100 | 14.33 | 0.6338 | 2.665 | 0.8505 |
| Edge | 82 | 100 | 17.59 | 0.6607 | 2.912 | 0.8437 |
| Bloom | 81 | 100 | 17.37 | 0.6594 | 2.898 | 0.8583 |