|  |  |  |  |
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| **Table S6.A two-way ANOVA of α diversity indices** | | | |
|  |  | **F** | **P** |
| Grazing | **Chao1** | **2.937** | **0.029** |
| **Observed\_otus** | **2.934** | **0.030** |
| Pielou\_e | 1.131 | 0.353 |
| Shannon | 1.808 | 0.142 |
| Simpson | 0.865 | 0.491 |
| Depth | Chao1 | 3.452 | 0.069 |
| Observed\_otus | 3.333 | 0.074 |
| Pielou\_e | 0.113 | 0.738 |
| Shannon | 0.036 | 0.851 |
| Simpson | 1.800 | 0.186 |
| Grazing \* Depth | Chao1 | 0.637 | 0.639 |
| Observed\_otus | 0.627 | 0.646 |
| Pielou\_e | 1.260 | 0.298 |
| Shannon | 1.234 | 0.309 |
| Simpson | 1.402 | 0.247 |
| Values in bold show statistically significant differences | | | |