**Acquisition of fungi from the environment modifies ambrosia beetle mycobiome during invasion**

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**Table S4:** **Results from the mixed-effects models testing the effect of beetle species and forest type on Chao1, Faith’s phylogenetic diversity and 1-Simpson indexes.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Chao 1** | **Phylogenetic diversity** | **1-Simpson** |
| **Factor** | Χ2 | P | Χ2 | P | Χ2 | P |
| *Beetle species* | 72.29 | <0.001 | 173.74 | <0.001 | 135.20 | <0.001 |
| *Forest type* | 25.06 | <0.001 | 34.47 | <0.001 | 2.37 | 0.12 |
| *Beetle species x Forest type* | 111.53 | <0.001 | 199.45 | <0.001 | 19.20 | <0.001 |

df = 1