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

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**Table S2: Multivariate analysis comparing the fungal communities associated with the exotic ambrosia beetle *X. germanus* and the native ambrosia beetle *X. saxesenii***. For each sampling site. *P*-value as adjusted for multiple comparisons using FDR method. \* = number of samples after filtering

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| --- | --- | --- | --- | --- | --- |
| **Site** | **Forest type** | ***X. germanus* (n)\*** | ***X. saxesenii* (n)\*** | **F** | ***P*adj** |
| Avronchi | Old-growth | 14 | 4 | 4.07 | 0.002 |
| Bando | Old-growth | 13 | 8 | 5.31 | 0.001 |
| Cessalto | Old-growth | 15 | 12 | 5.52 | 0.001 |
| Malisana | Old-growth | 8 | 13 | 2.55 | 0.001 |
| Pampaluna | Old-growth | 15 | 9 | 4.9 | 0.001 |
| Brussa | Restored | 5 | 15 | 1.47 | 0.01 |
| Muzzana | Restored | 9 | 10 | 1.39 | 0.004 |
| Otello | Restored | 14 | 13 | 1.63 | 0.001 |
| Sacile | Restored | 9 | 9 | 1.52 | 0.002 |
| San Marco | Restored | 9 | 9 | 1.69 | 0.001 |