|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Per. Spiriferida** | **Per. Spiriferinida** | **Tri. Spiriferinida** | **Jur. Spiriferinida** |
| **Per. Spiriferida** |  | **0.000** | **0.000** | **0.001** |
| **Per. Spiriferinida** | **0.000** |  | **0.000** | **0.000** |
| **Tri. Spiriferinida** | **0.000** | **0.000** |  | **0.018** |
| **Jur. Spiriferinida** | **0.007** | **0.002** | 0.108 |  |

Supplementary Table 3. PERMANOVA results comparing the distribution of the four groups in ecomorphospace. Numbers above the diagonal are uncorrected *p*-values, those below are Bonferroni corrected. Bold values (*p*-values < 0.05) indicate significant differences in distribution between groups. Per, Permian; Tri, Triassic; Jur, Jurassic.