**Table2 | Intergroup Wilcoxon rank-sum difference test for α-diversity between conspecifics from the same habitat and heterospecific from different habitats.** Bold indicates significant differences in the compared groups.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Group-Pair** | | **Chao1** | | | **Shannon** | | |
| **Difference** | ***P* value** | | **Difference** | ***P* value** | |
| Same site, heterospecific | S1.Ap.a-S1.Ts.t | 4.233 | | 0.5945 | -2.344 | | 0.8320 |
| S2.Ap.a-S2.Ra.n | -3.222 | | 0.6728 | -13.056 | | 0.2204 |
| S3.Ap.a-S3.Cr.b | -12.733 | | 0.1564 | -19.533 | | 0.1185 |
| S4.Ap.a-S4.Cr.b | 22.175 | | **0.0081** | 35.575 | | **0.0024** |
| S5.Ap.a-S5.Cr.b | -13.875 | | 0.1924 | -24.250 | | 0.1024 |
| S5.Ap.a-S5.Ra.n | -15.458 | | 0.1890 | 10.917 | | 0.5031 |
| S5.Cr.b-S5.Ra.n | -1.583 | | 0.9046 | 35.167 | | 0.0583 |
| Different site, conspecific | S1.Ap.a-S2.Ap.a | 25.900 | | **0.0007** | 25.267 | | **0.0159** |
| S1.Ap.a-S3.Ap.a | -9.767 | | 0.1690 | 2.833 | | 0.7730 |
| S1.Ap.a-S4.Ap.a | -37.400 | | **0.0000** | 5.400 | | 0.6159 |
| S1.Ap.a-S5.Ap.a | 32.025 | | **0.0002** | 11.850 | | 0.3005 |
| S2.Ap.a-S3.Ap.a | -35.667 | | **0.0000** | -22.433 | | **0.0179** |
| S2.Ap.a-S4.Ap.a | -63.300 | | **0.0000** | -19.867 | | 0.0564 |
| S2.Ap.a-S5.Ap.a | 6.125 | | 0.4386 | -13.417 | | 0.2237 |
| S2.Ra.n-S5.Ra.n | -6.111 | | 0.5963 | 10.556 | | 0.5109 |
| S3.Ap.a-S4.Ap.a | -27.633 | | **0.0002** | 2.567 | | 0.7938 |
| S3.Cr.b-S4.Cr.b | 7.275 | | 0.4613 | 57.675 | | **0.0001** |
| S3.Ap.a-S5.Ap.a | 41.792 | | **0.0000** | 9.017 | | 0.3929 |
| S3.Cr.b-S5.Cr.b | 40.650 | | **0.0007** | 4.300 | | 0.7899 |
| S4.Ap.a-S5.Ap.a | 69.425 | | **0.0000** | 6.450 | | 0.5722 |
| S4.Cr.b-S5.Cr.b | 33.375 | | **0.0022** | -53.375 | | **0.0005** |