|  |  |  |  |
| --- | --- | --- | --- |
| **Variable analysed** | **Lepidoptera-Families** | **Lepidoptera-MajorLineages** | **Papilionoidea-Genera** |
| Total subst. | 16 | - | 66 |
| dS | 18 | - | 66 |
| dN | 17 | - | 66 |
| HOSTS data | 9 | 31 | 16 |

**Table. Number of sister pair comparisons available for each dataset used in the regression analysis.** Numbers of pairs differ when analysing the three different substitution types because different numbers of pairs are removed by the Welch filter. The number of pairs is reduced when analysing host plant data because not all taxa have entries in the HOSTS database.