|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Ln(Total biomass)** | | | **Ln(Total biomass)** | | |
| *Predictors* | *std. Beta* | *std. SE* | *std. p* | *std. Beta* | *std. SE* | *std. p* |
| (Intercept) | 0.084 | 0.056 | 0.137 | 0.252 | 0.208 | 0.225 |
| Ln(Tree height) | 0.910 | 0.024 | **<0.001** | 0.891 | 0.024 | **<0.001** |
| Leaf Habit [evergreen] | -0.027 | 0.067 | 0.682 | -0.148 | 0.109 | 0.174 |
| Mycorrhizal Group [ECM] | 0.129 | 0.066 | 0.051 | 0.052 | 0.088 | 0.556 |
| Temperature | 0.198 | 0.051 | **<0.001** | 0.102 | 0.053 | 0.056 |
| Precipitation | -0.105 | 0.037 | **0.004** | -0.100 | 0.043 | **0.019** |
| Ln(Tree height)\* Leaf Habit [evergreen] | -0.072 | 0.024 | **0.003** | -0.112 | 0.021 | **<0.001** |
| Ln(Tree height)\* Mycorrhizal Group [ECM] | -0.118 | 0.026 | **<0.001** | -0.070 | 0.025 | **0.005** |
| Ln(Tree height)\* Temperature | -0.025 | 0.014 | 0.084 |  |  |  |
| Leaf Habit [evergreen] \* Temperature | -0.226 | 0.065 | **<0.001** |  |  |  |
| order [Boraginales] |  |  |  | 0.309 | 0.325 | 0.342 |
| order [Cornales] |  |  |  | 0.093 | 0.331 | 0.777 |
| order [Dipsacales] |  |  |  | -0.087 | 0.331 | 0.793 |
| order [Ericales] |  |  |  | -0.359 | 0.245 | 0.142 |
| order [Fabales] |  |  |  | -0.141 | 0.211 | 0.503 |
| order [Fagales] |  |  |  | -0.168 | 0.244 | 0.489 |
| order [Lamiales] |  |  |  | 0.110 | 0.245 | 0.654 |
| order [Magnoliales] |  |  |  | -0.275 | 0.264 | 0.299 |
| order [Malpighiales] |  |  |  | -0.113 | 0.302 | 0.709 |
| order [Malvales] |  |  |  | -0.264 | 0.234 | 0.260 |
| order [Myrtales] |  |  |  | -0.356 | 0.212 | 0.093 |
| order [Oxalidales] |  |  |  | -0.387 | 0.240 | 0.107 |
| order [Pinales] |  |  |  | 0.168 | 0.192 | 0.382 |
| order [Rosales] |  |  |  | -0.341 | 0.231 | 0.140 |
| order [Sapindales] |  |  |  | -0.135 | 0.222 | 0.543 |
| **Random Effects** | | | | | | |
| σ2 | 0.288 | | | 0.288 | | |
| τ00 | 0.821 study\_species | | | 0.646 study\_species | | |
| ICC | 0.741 | | | 0.691 | | |
| N | 78 study\_species | | | 78 study\_species | | |
| Observations | 1429 | | | 1429 | | |
| Marginal R2 / Conditional R2 | 0.888 / 0.971 | | | 0.916 / 0.974 | | |