|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **LmTm** | | | **SmTm** | | | **RmTm** | | |
| *Predictors* | *std. Beta* | *std. SE* | *std. p* | *std. Beta* | *std. SE* | *p* | *std. Beta* | *std. SE* | *std. p* |
| (Intercept) | -1.187 | 0.449 | **0.008** | 0.795 | 0.340 | **<0.001** | 0.124 | 0.531 | 0.815 |
| Log (Tree height) | -0.254 | 0.062 | **<0.001** | 0.700 | 0.025 | **<0.001** | -0.622 | 0.051 | **<0.001** |
| Leaf Habit [evergreen] | 0.432 | 0.237 | 0.068 | -0.276 | 0.177 | 0.119 | -0.153 | 0.278 | 0.582 |
| Mycorrhizal Group [ECM] | 0.222 | 0.184 | 0.228 | 0.138 | 0.123 | 0.263 | -0.366 | 0.195 | 0.060 |
| Temperature | 0.511 | 0.118 | **<0.001** | -0.104 | 0.085 | 0.222 | -0.267 | 0.134 | **0.046** |
| Precipitation | -0.197 | 0.100 | **0.049** | 0.118 | 0.077 | 0.125 | 0.085 | 0.120 | 0.480 |
| order [Boraginales] | 0.185 | 0.686 | 0.787 | 0.316 | 0.498 | 0.525 | 0.408 | 0.781 | 0.601 |
| order [Cornales] | 0.235 | 0.716 | 0.742 | -2.296 | 0.543 | **<0.001** | 3.514 | 0.847 | **<0.001** |
| order [Dipsacales] | 0.401 | 0.716 | 0.575 | -0.227 | 0.543 | 0.676 | 0.059 | 0.847 | 0.944 |
| order [Ericales] | 1.004 | 0.529 | 0.058 | -0.596 | 0.399 | 0.135 | -0.547 | 0.622 | 0.379 |
| order [Fabales] | 0.589 | 0.448 | 0.189 | -0.628 | 0.332 | 0.059 | 0.224 | 0.519 | 0.666 |
| order [Fagales] | 0.559 | 0.525 | 0.287 | -0.667 | 0.391 | 0.088 | 0.433 | 0.613 | 0.480 |
| order [Lamiales] | -0.074 | 0.526 | 0.888 | -0.229 | 0.392 | 0.559 | 0.160 | 0.613 | 0.795 |
| order [Magnoliales] | 1.035 | 0.577 | 0.073 | -0.637 | 0.439 | 0.146 | -0.187 | 0.688 | 0.786 |
| order [Malpighiales] | 0.289 | 0.627 | 0.645 | -0.373 | 0.443 | 0.400 | -0.128 | 0.697 | 0.854 |
| order [Malvales] | 0.337 | 0.502 | 0.502 | -0.372 | 0.369 | 0.313 | -0.058 | 0.577 | 0.920 |
| order [Myrtales] | 0.879 | 0.452 | 0.052 | -0.973 | 0.334 | **0.004** | 0.595 | 0.523 | 0.255 |
| order [Oxalidales] | 0.374 | 0.519 | 0.471 | -0.014 | 0.383 | 0.971 | 0.072 | 0.600 | 0.905 |
| order [Pinales] | 0.809 | 0.413 | **0.050** | -0.565 | 0.309 | 0.068 | -0.227 | 0.485 | 0.639 |
| order [Rosales] | 1.019 | 0.500 | **0.042** | -0.374 | 0.373 | 0.317 | -0.295 | 0.584 | 0.614 |
| order [Sapindales] | 0.689 | 0.479 | 0.151 | -0.436 | 0.361 | 0.228 | -0.021 | 0.564 | 0.971 |
| Log (Tree height) \* Leaf Habit [evergreen] | -0.289 | 0.056 | **<0.001** |  |  |  | 0.433 | 0.078 | **<0.001** |
| Log (Tree height) \* Mycorrhizal Group [ECM] | -0.209 | 0.063 | **0.001** |  |  |  |  |  | |
| **Random Effects** | | | | | | | | | |
| σ2 | 0.003 | | | 0.006 | | | 0.006 | | |
| τ00 | 0.004 study\_species | | | 0.003 study\_species | | | 0.003 study\_species | | |
| ICC | 0.526 | | | 0.324 | | | 0.348 | | |
| N | 78 study\_species | | | 78 study\_species | | | 78 study\_species | | |
| Observations | 1429 | | | 1429 | | | 1429 | | |
| Marginal R2 / Conditional R2 | 0.658 / 0.838 | | | 0.717 / 0.809 | | | 0.392 / 0.604 | | |