|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Leaf Mass Fraction** | | | **Stem Mass Fraction** | | | **Root Mass Fraction** | | |
| *Predictors* | *std. Beta* | *std. SE* | *std. p* | *std. Beta* | *std. SE* | *std. p* | *std. Beta* | *std. SE* | *std. p* |
| (Intercept) | -0.596 | 0.107 | **<0.001** | 0.263 | 0.088 | **0.003** | 0.341 | 0.135 | **0.011** |
| Ln(Tree height) | -0.268 | 0.059 | **<0.001** | 0.735 | 0.034 | **<0.001** | -0.618 | 0.051 | **<0.001** |
| Leaf habit [evergreen] | 0.598 | 0.128 | **<0.001** | -0.263 | 0.105 | **0.012** | -0.407 | 0.161 | **0.011** |
| Mycorrhizal group [ECM] | 0.173 | 0.122 | 0.156 | 0.115 | 0.101 | 0.256 | -0.326 | 0.151 | **0.031** |
| Temperature | 0.469 | 0.081 | **<0.001** | -0.038 | 0.079 | 0.634 | -0.269 | 0.102 | **0.008** |
| Precipitation | -0.275 | 0.076 | **<0.001** | 0.232 | 0.065 | **<0.001** | 0.049 | 0.097 | 0.616 |
| Ln(Tree height)\* Leaf habit [evergreen] | -0.276 | 0.053 | **<0.001** | -0.099 | 0.050 | **0.046** | 0.391 | 0.075 | **<0.001** |
| Ln(Tree height)\* Mycorrhizal group [ECM] | -0.195 | 0.060 | **0.001** |  |  |  |  |  | |
| Leaf habit [evergreen]\* Temperature |  |  |  | -0.204 | 0.102 | **0.046** |  |  | |
| **Random Effects** | | | | | | | | | |
| σ2 | 0.003 | | | 0.006 | | | 0.006 | | |
| τ00 | 0.004 study\_species | | | 0.005 study\_species | | | 0.004 study\_species | | |
| ICC | 0.544 | | | 0.438 | | | 0.444 | | |
| N | 78 study\_species | | | 78 study\_species | | | 78 study\_species | | |
| Observations | 1429 | | | 1429 | | | 1429 | | |
| Marginal R2 / Conditional R2 | 0.620 / 0.826 | | | 0.616 / 0.784 | | | 0.278 / 0.599 | | |