| **Response** | **Fixed Effects** | **LandUseVar** | **n** | **n\_RB** | **Marginal R2** | **AIC** | **dAIC** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SpeciesRichness | LandUse\*Realm | LandUse | 1,906 | 3 | 0.10 | 1,690 | 0.00 |
| LandUse\*Realm | LandUse4 | 1,906 | 3 | 0.11 | 1,698 | 7.84 |
| LandUse\*Realm | LandUse5 | 1,906 | 3 | 0.10 | 1,702 | 11.93 |
| LandUse\*Realm | LandUse3 | 1,906 | 3 | 0.10 | 1,702 | 12.12 |
| LandUse\*Realm | LandUse2 | 1,906 | 3 | 0.10 | 1,725 | 34.36 |
| LogRichness | UseIntensity:Realm | LU\_UI\_3 | 1,906 | 3 | 0.11 | 1,688 | 0.00 |
| LandUse:Realm | LandUse | 1,906 | 3 | 0.10 | 1,690 | 1.84 |
| LandUse | LandUse | 1,906 | 3 | 0.01 | 1,717 | 28.44 |
| UseIntensity | LU\_UI\_3 | 1,906 | 3 | 0.01 | 1,723 | 34.19 |
| LogAbund | UseIntensity:Realm | LU\_UI\_3 | 1,553 | 3 | 0.03 | 4,106 | 0.00 |
| UseIntensity | LU\_UI\_3 | 1,553 | 3 | 0.01 | 4,139 | 32.84 |
| LandUse:Realm | LandUse | 1,553 | 3 | 0.02 | 4,139 | 32.85 |
| LandUse | LandUse | 1,553 | 3 | 0.01 | 4,146 | 40.51 |