| **Response** | **Fixed Effects** | **LandUseVar** | **n** | **n\_RB** | **Marginal R2** | **AIC** | **dAIC** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SpeciesRichness | LandUse\*Realm | LandUse4 | 5,536 | 4 | 0.02 | 7,469 | 0.00 |
| LandUse\*Realm | LandUse | 5,536 | 4 | 0.02 | 7,475 | 5.77 |
| LandUse\*Realm | LandUse5 | 5,536 | 4 | 0.02 | 7,482 | 13.03 |
| LandUse\*Realm | LandUse3 | 5,536 | 4 | 0.02 | 7,483 | 13.37 |
| LandUse\*Realm | LandUse2 | 5,536 | 4 | 0.01 | 7,537 | 67.30 |
| LogRichness | UseIntensity:Realm | LU\_UI\_3 | 5,536 | 4 | 0.02 | 7,425 | 0.00 |
| LandUse:Realm | LandUse | 5,536 | 4 | 0.02 | 7,475 | 50.24 |
| LandUse | LandUse | 5,536 | 4 | 0.00 | 7,519 | 94.39 |
| UseIntensity | LU\_UI\_3 | 5,536 | 4 | 0.00 | 7,537 | 112.26 |
| LogAbund | LandUse:Realm | LandUse | 4,766 | 4 | 0.09 | 12,827 | 0.00 |
| LandUse | LandUse | 4,766 | 4 | 0.01 | 12,839 | 12.22 |
| UseIntensity:Realm | LU\_UI\_3 | 4,766 | 4 | 0.08 | 12,888 | 61.56 |
| UseIntensity | LU\_UI\_3 | 4,766 | 4 | 0.00 | 12,913 | 86.83 |