2015~2018年BBS獼猴調查資料概況

Generalized Linear Mixed-Effects Model (GLMM, n = 12803) for the Effect of Forest Type.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Estimate | SE | z value | P |  |
| (Intercept) | -5.2339 | 0.513 | -10.194 | 0.000 | \*\*\* |
| 年 | 0.1304 | 0.070 | 1.858 | 0.0632 |  |
| 森林類型 |  |  |  |  |  |
| 闊葉林 | reference |  |  |  |  |
| 竹林 | -0.8676 | 0.436 | -1.992 | 0.0464 | \* |
| 針葉林 | -0.7577 | 0.482 | -1.571 | 0.1163 |  |
| 混淆林 | 0.5353 | 0.328 | 1.632 | 0.1026 |  |
| 海拔高度 |  |  |  |  |  |
| 低海拔 | reference |  |  |  |  |
| 中海拔 | 0.7182 | 0.547 | 1.314 | 0.1889 |  |
| 高海拔 | 2.0105 | 0.910 | 2.210 | 0.0271 | \* |
| 旅次 |  |  |  |  |  |
| 第1旅次 | reference |  |  |  |  |
| 第2旅次 | 0.3003 | 0.153 | 1.964 | 0.0496 | \* |
| 分區 |  |  |  |  |  |
| 東部 | reference |  |  |  |  |
| 中部 | -1.8377 | 0.540 | -3.404 | 0.0007 | \*\*\* |
| 北部 | -2.6633 | 0.550 | -4.840 | 0.0000 | \*\*\* |
| 南部 | -1.3932 | 0.619 | -2.250 | 0.0245 | \* |

Summary of Model Selection by Generalized Linear Mixed-Effects Model (GLMM) used to Model the Effect of Forest Type.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Intercept | Altitude | Region | Survey | Forest  Type | Year | df | logLik | AICc | delta | weight |
| -5.234 | + | + | + | + | 0.1304 | 12 | -827.06 | 1678.1 | 0 | 0.324 |
| -4.897 | + | + | + | + |  | 11 | -828.79 | 1679.6 | 1.47 | 0.155 |
| -5.172 |  | + | + | + | 0.1294 | 10 | -829.93 | 1679.9 | 1.74 | 0.136 |
| -5.090 | + | + |  | + | 0.1300 | 11 | -829.00 | 1680.0 | 1.88 | 0.126 |