**Table S7**. Coefficients (Coef), standard error (SE), z-value and correspondent significance [Pr (>|z|)] and 95% confidence intervals (CI 95%) of the variables included in the best models explaining the variability in density of Dasyproctidae, Tinamidae and Primates. The variable in bold has CI 95% that do not cross 0.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Predictor** | **Coef** | **SE** | **z-value** | **Pr(>|z|)** | **CI 95%** |
| *Dasyproctidae* |  |  |  |  |  |
| Model 1 |   |   |   |   |   |   |
| Intercept | 4.62 | 0.33 | 14.06 | <0.001 | 4.08 | 5.16 |
| **distance to nearest road** | **-0.08** | **0.02** | **-3.38** | **<0.001** | **-0.11** | **-0.04** |
| Model 2 |   |   |   |   |   |   |
| Intercept | 4.91 | 0.36 | 13.73 | <0.00 | 4.32 | 5.50 |
| **distance to nearest road** | **-0.07** | **0.02** | **-3.59** | **0.00** | **-0.11** | **-0.04** |
| human intensity  | 0.00 | 0.00 | -1.42 | 0.16 | 0.00 | 0.00 |
| Model 3 |   |   |   |   |   |   |
| Intercept | 4.67 | 0.36 | 12.91 | <0.001 | 4.07 | 5.26 |
| distance to nearest road | -0.04 | 0.03 | -1.46 | 0.14 | -0.09 | 0.01 |
| human intensity  | 0.00 | 0.00 | 0.01 | 1.00 | 0.00 | 0.00 |
| distance to nearest road:human intensity | 0.00 | 0.00 | -1.44 | 0.15 | 0.00 | 0.00 |
| Model 4 |   |   |   |   |   |   |
| Intercept | 98.40 | 120.70 | 0.82 | 0.41 | -100.13 | 296.93 |
| year | -0.05 | 0.06 | -0.78 | 0.44 | -0.14 | 0.05 |
| **distance to nearest road** | **-0.08** | **0.02** | **-3.38** | **0.00** | **-0.11** | **-0.04** |
| *Tinamidae* |  |  |  |  |  |  |
| Intercept | -63.58 | 119 | -0.53 | 0.59 | -259.28 | 132.11 |
| **Distance to nearest road** | **0.03** | **0.01** | **2.95** | **0.00** | **0.01** | **0.05** |
| *Primates* |  |  |  |  |  |  |
| Model 1 |   |   |   |   |   |   |
| Intercept | -709.00 | 210.60 | -3.37 | 0.00 | -1055.38 | -362.63 |
| **year** | **0.35** | **0.10** | **3.38** | **0.00** | **0.18** | **0.52** |
| **human intensity** | **0.00** | **0.00** | **2.46** | **0.01** | **0.00** | **0.00** |
| Model 2 |   |   |   |   |   |   |
| Intercept | -720.50 | 210.90 | 3.42 | 0.00 | -1067.46 | -373.62 |
| **year** | **0.36** | **0.10** | **3.43** | **0.00** | **0.19** | **0.53** |
| **human intensity** | **0.00** | **0.00** | **2.49** | **0.01** | **0.00** | **0.00** |
| distance to nearest road | 0.03 | 0.03 | 1.20 | 0.23 | -0.01 | 0.07 |
| Model 3 |   |   |   |   |   |   |
| Intercept | -701.73 | 211.78 | -3.31 | 0.00 | -1050.08 | -353.38 |
| **year** | **0.35** | **0.11** | **3.33** | **0.00** | **0.18** | **0.52** |

Text summary:

The table includes coefficients (Coef), standard error (SE), z-value and correspondent significance [Pr (>|z|)] and 95% confidence intervals (CI 95%) of the variables included in the best models explaining the variability in density of Dasyproctidae, Tinamidae and Primates. The variable in bold has CI 95% that do not cross 0.