**S3 Table. Parameter (Slope) estimates of prey variables from the GLMs on the abundance of felid groups in the eastern Brazilian Amazon.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Groups | Canopy Openness | | Altitude | | Basal area | | Distance to large rivers | | Distance to stream | | Prey <5kg | | Prey >5kg | | Model | |
|  | Slope  (SE) | Z  value | Slope  (SE) | Z  value | Slope  (SE) | Z  value | Slope  (SE) | Z  value | Slope  (SE) | Z  value | Slope  (SE) | Z  value | Slope  (SE) | Z  value | DE (%) | AIC |
| Large bodied felidsa | -0.495 (0.249) | -1.98\* | -0.078 (0.036) | -2.19\* | 0.142 (0.151) | 0.93† | 0.274 (0.235) | 1.16† | 0.002 (0.001) | 1.54† | 0.291 (0.398) | 0.73† | 0.004 (0.024) | 0.17† | 24.95 | 113.61\* |
| All felids | -0.449 (0.203) | -2.20\* | -0.064 (0.028) | -2.28\* | 0.066 (0.142) | 0.46† | 0.186 (0.203) | 0.91† | 0.002 (0.001) | 1.68† | 0.490 (0.352) | 1.39† | 0.013 (0.016) | -0.78† | 24.1 | 135.16\* |

Slope for variables and Standard Error (SE); Z value for variables; Percentage of Deviance Explained for each model (DE (%)); Akaike Information Criterion value for each model (AIC); Significance values: †not significant, \*p <0.05.

a Includes only *Puma concolor* and *Panthera onca*.