Table S.1. Parameter estimate (SE in parenthesis) of models of detection probability (*p*) and occupancy *(ψ)* with covariates for the 11 target species.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Border (*p*)** | **Edge (*p*)** |  | **Border (*ψ*)** | **Edge (*ψ*)** | **River (*ψ*)** | **Habitat (*ψ*)** | **Slope (*ψ*)** |
| *Cephalophus harveyi* | 0.188 (0.11) # | -0.155(0.12) |  |  | -1.210(0.60)\* | 0.943(0.56)# |  |  |
| *Bdeogale crassicauda* | -0.256(0.12)\* | -1.184(0.14) |  | -5.584(14.8) |  | -19.37(31.0) |  | 29.87(47.6) |
| *Cricetomys gambianus* |  |  |  | -0.580(0.65) | -0.363(0.47) | 0.998(0.44)\* | 1.474(1.47) |  |
| *Cercocebus sanjei* | -0.278(0.22) | -0.283(0.18) |  |  |  |  | 1.804(0.78)\* |  |
| *Cephalophus spadix* | 0.858(0.23)\*\*\* | 0.772(0.21)\*\*\* |  |  |  |  |  |  |
| *Nesotragus moschatus* |  | 0.503(0.22)\* |  | 0.911(0.49)# |  |  | 3.130(1.06)\*\* |  |
| *Paraxerus vexillarius* |  |  |  |  | 1.293(0.49)\*\* |  |  |  |
| *Rhynchocyon udzungwensis* |  |  |  | 0.619(0.56) | 0.730(0.41)# |  | 2.109(1.24)# |  |
| *Cercopithecus mitis* |  | -0.804(0.37)\* |  |  |  |  |  | 0.860(0.60) |
| *Dendrohyrax arboreus* |  | 0.579(0.315)# |  |  |  | 2.831(1.35)\* |  |  |
| *Potamochoerus larvatus* | -0.649(0.33)\* | -0.365(0.40) |  |  |  |  |  |  |
| # 0.1< P <0.05 |  |  |  |  |  |  |  |  |
| \* 0.05<P<0.01 |  |  |  |  |  |  |  |  |
| \*\* 0.01<P<0.001 |  |  |  |  |  |  |  |  |
| \*\*\* P<0.001 |  |  |  |  |  |  |  |  |