|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Modela | ΔAICc b | ωc | Kd | neg2lle | βf | seg |
| Bobcat |  |  |  |  |  |  |  |
|  | ONROAD | 0.00 | 0.993 | 3 | 582.84 | 1.075 | 0.250 |
|  | TEMP | 10.16 | 0.006 | 3 | 593.00 | -0.341 | 0.120 |
|  | (.) | 16.22 | 0.000 | 2 | 601.34 | -0.051 | 0.303 |
|  | PRECIP | 16.91 | 0.000 | 3 | 599.75 | 0.130 | 0.101 |
| Coyote |  |  |  |  |  |  |  |
|  | PRECIP | 0.00 | 0.991 | 3 | 851.38 | -0.541 | 0.116 |
|  | TEMP | 9.50 | 0.009 | 3 | 860.89 | 0.393 | 0.092 |
|  | (.) | 26.26 | 0.000 | 2 | 879.92 | -1.229 | 0.087 |
|  | ONROAD | 27.17 | 0.000 | 3 | 878.56 | -0.223 | 0.193 |
| Gray Fox |  |  |  |  |  |  |  |
|  | ONROAD | 0.00 | 1.000 | 3 | 769.21 | -1.570 | 0.272 |
|  | (.) | 42.70 | 0.000 | 2 | 814.20 | -1.243 | 0.090 |
|  | TEMP | 43.88 | 0.000 | 3 | 813.09 | -0.096 | 0.091 |
|  | PRECIP | 44.73 | 0.000 | 3 | 813.94 | 0.043 | 0.084 |
| Opossum |  |  |  |  |  |  |  |
|  | TEMP | 0.00 | 0.946 | 3 | 1474.38 | 0.209 | 0.067 |
|  | PRECIP | 7.09 | 0.027 | 3 | 1481.47 | -0.108 | 0.064 |
|  | (.) | 7.73 | 0.020 | 2 | 1484.40 | -0.778 | 0.064 |
|  | ONROAD | 9.85 | 0.007 | 3 | 1484.24 | 0.092 | 0.227 |
| Raccoon |  |  |  |  |  |  |  |
|  | ONROAD | 0.00 | 1.000 | 3 | 1425.96 | -2.795 | 0.402 |
|  | TEMP | 97.44 | 0.000 | 3 | 1523.41 | -0.099 | 0.064 |
|  | (.) | 97.58 | 0.000 | 2 | 1525.83 | -0.555 | 0.062 |
|  | PRECIP | 98.97 | 0.000 | 3 | 1524.93 | 0.056 | 0.059 |
| Striped Skunk |  |  |  |  |  |  |  |
|  | ONROAD | 0.00 | 0.963 | 3 | 715.65 | -0.670 | 0.221 |
|  | (.) | 7.59 | 0.022 | 2 | 725.53 | -1.462 | 0.098 |
|  | TEMP | 9.45 | 0.009 | 3 | 725.10 | 0.064 | 0.098 |
|  | PRECIP | 9.81 | 0.007 | 3 | 725.46 | -0.023 | 0.093 |
| a PRECIP, weekly sum of precipitation during survey week; TEMP, weekly average temperature during survey week; ONROAD, whether or not a camera was placed on road (paved or unpaved). | | | | | | | |
| b Akaike’s Information Criterion. | | | | | |  |  |
| c Model weight. | | | | | |  |  |
| d Number of model parameters. | | | | | |  |  |
| e Difference in -2Log(Likelihood) of the current model and -2log(Likelihood) of the saturated model as a measure of model fit. | | | | | |  |  |
| f Estimate of effect size. | | | | | |  |  |
| g Standard error of effect size. | | | | | |  |  |