**Main findings:**

* Morning hunts are shorter and less intense whe it is hotter.
* Evening hunts are less likely to occur, are shorter and less intense when it is hotter
* Night hunts are more likely to occur when there is more moonlight and when I has been hotter. They are longer and more intense when there is more moonlight (suggesting that they are not catching prey more swiftly).
* Nothing impacts the likelihood, duration or intensity of daytime hunts.

|  |  |  |  |
| --- | --- | --- | --- |
| Time of day | Dependant variable | Independent variable | Estimate |
| Morning | Occurrence | Intercept | 0.76 |
|  | Moonlight before | -0.08 |
| Duration | Intercept | 222.5 |
|  | Temperature | -1.27 |
|  | Rain | 0.45 |
|  | Denning (yes) | -116.9 |
|  | Temperature \* Denning | 5.1 |
| Intensity | Intercept | 55.4 |
|  | Temperature | -0.29 |
| Start time | Intercept | 0.27 |
|  | Temperature | -0.0087 |
|  | Denning | -0.0054 |
| Stop time | Intercept | 0.42 |
|  | Temperature | -0.00017 |
|  | Rainfall | 0.00037 |
|  | Denning | -0.067 |
|  | Temperature \* Denning | 0.0028 |
| Evening | Occurrence | Intercept | 1.17 |
|  | Temperature | -0.16 |
| Duration | Intercept | 212.7 |
|  | Temperature | -2.77 |
|  | Denning (yes) | 17.10 |
| Intensity | Intercept | 63.8 |
|  | Temperature | -0.87 |
|  | Rain | -1.41 |
|  | Denning | 6.49 |
|  | Rain\*Temperature | 0.06 |
| Start time | Intercept | 0.66 |
|  | Temperature | 0.0023 |
|  | Rain | -0.0027 |
|  | Denning | -0.0079 |
| Stop time | Intercept | 0.807 |
|  | Temperature | 0.00046 |
|  | Denning | 0.00037 |
| Night | Occurrence | Intercept | -0.63 |
|  | Temperature | .029 |
|  | Rain | 0.068 |
|  | Moonlight | 0.035 |
|  | Denning | -0.054 |
|  | Temperature \* Rain | -0.0027 |
| Duration | Intercept | 238.32 |
|  | Moonlight | 8.16 |
| Intensity | Intercept | 37.79 |
|  | Moonlight | 0.24 |
| Start time | Intercept | 0.98 |
|  | Temperature | -0.019 |
| Stop time | Intercept | 0.39 |
|  | Temperature | -0.0025 |
|  | Rain | 0.078 |
|  | Moonlight | -0.13 |
|  | Denning | -1.23 |
|  | Temperature\*Rain | -0.0028 |
|  | Temperature\*Denning | 0.049 |