**Table S1.** Summary of model selection to assess spatial occurrence of human fatalities due to HEC in Chhattisgarh. Incident, presence or absence of occurrence of human fatality. ROD is Euclidean distance between grid and the nearest road, HD intensity of house damage by elephants in the grid; AG percentage of crop fields in the grid; BLT percentage of human settlement in the grid; FOR percentage of forest cover in the grid; RIV Euclidean distance from the grid to the nearest stream of 4th order and above; MSI Mean shape index; ELEUSE Intensity of habitat use by elephants.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Model** | **AIC** | **ΔAIC** | **AIC weight** | **Deviance** |
| incident~AG+HD+ELEUSE+MSI+ROD | 1069.1 | 0.0 | 0.414 | 1053.2 |
| incident~HD+ELEUSE+MSI+ROD | 1069.2 | 0.1 | 0.411 | 1055.2 |
| incident~AG+FOR+HD+ELEUSE+MSI+ROD | 1071.1 | 2.0 | 0.155 | 1053.1 |
| incident~ELEUSE+MSI+ROD | 1075.3 | 6.2 | 0.019 | 1063.3 |
| incident~ELEUSE+ROD | 1090.7 | 21.6 | 0.000 | 1080.7 |
| incident~ELEUSE | 1109.7 | 40.6 | 0.000 | 1101.7 |
| incident~ROD | 1170.5 | 101.4 | 0.000 | 1166.5 |
| Incident~HD | 1188.9 | 119.8 | 0.000 | 1184.9 |
| incident~MSI | 1199.0 | 129.9 | 0.000 | 1195.0 |
| incident~AG | 1199.3 | 130.2 | 0.000 | 1195.3 |
| incident~FOR | 1201.4 | 132.3 | 0.000 | 1197.4 |
| Incident~1 (Intercept only) | 1203.1 | 134.0 | 0.000 | 1201.1 |
| incident~PD | 1203.8 | 134.7 | 0.000 | 1199.8 |
| incident~BLT | 1204.4 | 135.3 | 0.000 | 1200.4 |
| incident~RIV | 1204.7 | 135.6 | 0.000 | 1200.7 |