|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Obs. | Detection Model | Con | -log(lik) | K | AIC | ΔAIC | ω | CumWt |
| In-person | ~ type + time + date + date2 | No | 16.4 | 7 | 46.7 | 0.0 | 0.5 | 0.48 |
| In-person | ~ type + time + date | No | 17.7 | 6 | 47.4 | 0.7 | 0.3 | 0.81 |
| In-person | ~ type + time + time2 + date + date2 | No | 16.3 | 8 | 48.7 | 1.9 | 0.2 | 0.99 |
| In-person | ~ type + time | Yes | 22.8 | 5 | 55.6 | 8.9 | 0.0 | 1.00 |
| In-person | ~ type | Yes | 25.2 | 4 | 58.4 | 11.7 | 0.0 | 1.00 |
| All | ~ type + time + time2 + date + date2 | Yes | 88.1 | 9 | 194.2 | 0.0 | 0.6 | 0.59 |
| All | ~ type + time + date | Yes | 91.2 | 7 | 196.3 | 2.1 | 0.2 | 0.80 |
| All | ~ type + time + date + date2 | Yes | 90.7 | 8 | 197.3 | 3.1 | 0.1 | 0.93 |
| All | ~ type | Yes | 94.6 | 5 | 199.2 | 4.9 | .01 | 0.98 |
| All | ~ type + time | Yes | 94.3 | 6 | 200.7 | 6.4 | 0.0 | 1.00 |

a Model convergence.

b Negative log-likelihood

c Aikaike’s Information Criterion.

e Difference in AIC from the smallest value.

f Model weight.

g Cumulative model weight.

h Categorical variable for active, passive, and ARU survey types.

i Time of day in minutes after midnight.

j Julian date.

k Year of survey

l Metric of woody vegetation density within 100 m of survey location.