

Table A3.1 AIC ranking of polynomial models for Common Nighthawk (*Chordeiles minor*) presence-absence recall from acoustic data processed with automated acoustic recognition programs. Bold indicates the model selected.

Recognizer	Model	df	logLik	AIC	Δ AIC	AICw
CNN	Presence = null	1	-2048.3	4098.6	200.3	0.00
CNN	Presence = score	2	-1951.0	3905.9	7.6	0.02
CNN	Presence = score + I(score ²)	3	-1949.5	3905.0	6.7	0.03
CNN	Presence = score + I(score²) + I(score³)	4	-1945.2	3898.3	0.00	0.95
Kaleidoscope	Presence = null	1	-3087.4	6176.8	502.3	0.00
Kaleidoscope	Presence = score	2	-2838.1	5680.2	5.7	0.05
Kaleidoscope	Presence = score + I(score ²)	3	-2837.7	5681.3	6.8	0.03
Kaleidoscope	Presence = score + I(score²) + I(score³)	4	-2833.2	5674.5	0.0	0.92
MonitoR	Presence = null	1	-3103.4	6208.9	634.3	0.00
MonitoR	Presence = score	2	-2795.2	5594.3	19.7	0.00
MonitoR	Presence = score + I(score²)	3	-2784.3	5574.6	0.0	0.69
MonitoR	Presence = score + I(score ²) + I(score ³)	4	-2784.1	5576.2	1.6	0.31
RavenPro	Presence = null	1	-3047.7	6097.3	0.0	0.43
RavenPro	Presence = score	2	-3046.8	6097.6	0.3	0.37
RavenPro	Presence = score + I(score ²)	3	-3046.8	6099.6	2.3	0.14
RavenPro	Presence = score + I(score ²) + I(score ³)	4	-3046.7	6101.4	4.0	0.06
Song Scope	Presence = null	1	-2615.7	5233.3	610.6	0.00
Song Scope	Presence = score	2	-2320.8	4645.7	23.0	0.00
Song Scope	Presence = score + I(score ²)	3	-2311.9	4629.9	7.16	0.03
Song Scope	Presence = score + I(score²) + I(score³)	4	--2307.4	4622.7	0.0	0.97