

Appendix S2. Coefficient tables of the top AIC ranked models. Occupancy and detection estimate were on the logit-scale.

Call:
occu(formula = ~tiger ~ elev + slp, data = sample.unmarkedFrame_cov)

Occupancy:

	Estimate	SE	z	P(> z)
(Intercept)	26.19	39.9	0.6562	0.512
elev	-13.83	NaN	NaN	NaN
slp	-6.33	67.5	-0.0939	0.925

Detection:

	Estimate	SE	z	P(> z)
(Intercept)	-2.141	0.184	-11.6	2.57e-31
tiger	0.963	0.601	1.6	1.09e-01

AIC: 239.6436

Call:
occu(formula = ~1 ~ elev + slp, data = sample.unmarkedFrame_cov)

Occupancy:

	Estimate	SE	z	P(> z)
(Intercept)	22.69	73.9	0.307	0.759
elev	-11.60	52.9	-0.219	0.826
slp	-5.68	35.7	-0.159	0.873

Detection:

	Estimate	SE	z	P(> z)
	-2.07	0.175	-11.9	1.94e-32

AIC: 239.855

Call:
occu(formula = ~tiger ~ ndvi + slp, data = sample.unmarkedFrame_cov)

Occupancy:

	Estimate	SE	z	P(> z)
(Intercept)	3.46	5.47	0.632	0.528
ndvi	-1.60	1.68	-0.948	0.343
slp	-1.28	2.29	-0.562	0.574

Detection:

	Estimate	SE	z	P(> z)
(Intercept)	-2.082	0.292	-7.14	9.43e-13

tiger	0.969	0.610	1.59	1.12e-01
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AIC: 240.0965

Call:

occu(formula = ~1 ~ ndvi + slp, data = sample.unmarkedFrame_cov)

Occupancy:

	Estimate	SE	z	P(> z)
(Intercept)	2.91	3.41	0.853	0.394
ndvi	-1.43	1.30	-1.103	0.270
slp	-1.12	1.43	-0.784	0.433

Detection:

	Estimate	SE	z	P(> z)
	-1.98	0.279	-7.11	1.19e-12

AIC: 240.2684

Call:

occu(formula = ~tiger ~ d.water + slp, data = sample.unmarkedFrame_cov)

Occupancy:

	Estimate	SE	z	P(> z)
(Intercept)	3.839	7.97	0.482	0.630
d.water	-1.286	2.79	-0.460	0.645
slp	-0.915	1.91	-0.479	0.632

Detection:

	Estimate	SE	z	P(> z)
(Intercept)	-2.113	0.288	-7.33	2.38e-13
tiger	0.981	0.615	1.60	1.11e-01

AIC: 240.6514

Call:

occu(formula = ~1 ~ d.water + slp, data = sample.unmarkedFrame_cov)

Occupancy:

	Estimate	SE	z	P(> z)
(Intercept)	2.715	3.265	0.832	0.406
d.water	-0.939	1.149	-0.817	0.414
slp	-0.711	0.881	-0.807	0.420

Detection:

	Estimate	SE	z	P(> z)
	-1.99	0.289	-6.89	5.56e-12

AIC: 240.849
