

Wildlife Biology

WLB-00489

Signer, J., Filla, M., Schoneberg, S., Kneib, T., Bufka, L., Belotti, E. and Heurich, M. 2019. Rocks rock: the importance of rock formations as resting sites of the Eurasian lynx *Lynx lynx*- – Wildlife Biology 2019: wlb.00489

Appendix 1

Minimum days between revisits: 1; Grid size: 50

Count model coefficients (truncated negbin with log link):

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-1.090e+01	6.441e+01	-0.169	0.8656
dist_fels	9.284e-05	2.329e-04	0.399	0.6902
dist_road	1.518e-03	7.325e-04	2.072	0.0383 *
dist_building	4.170e-04	3.864e-04	1.079	0.2805
tri	2.400e-02	3.096e-02	0.775	0.4383
Log(theta)	-1.026e+01	6.441e+01	-0.159	0.8734

Zero hurdle model coefficients (binomial with logit link):

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-2.002e+00	2.068e-01	-9.678	< 2e-16 ***
dist_fels	-4.528e-04	8.129e-05	-5.570	2.55e-08 ***
dist_road	1.075e-03	3.489e-04	3.080	0.00207 **
dist_building	5.477e-05	1.321e-04	0.415	0.67850
tri	1.914e-02	1.822e-02	1.051	0.29346

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Minimum days between revisits: 1; Grid size: 100

Count model coefficients (truncated negbin with log link):

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-1.276e+01	1.165e+02	-0.110	0.9128
dist_fels	3.845e-05	1.909e-04	0.201	0.8404
dist_road	1.211e-03	5.983e-04	2.024	0.0429 *
dist_building	4.973e-04	2.942e-04	1.690	0.0910 .
tri	3.745e-02	2.777e-02	1.348	0.1775
Log(theta)	-1.247e+01	1.165e+02	-0.107	0.9148

Zero hurdle model coefficients (binomial with logit link):

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-1.368e+00	1.864e-01	-7.338	2.17e-13 ***
dist_fels	-5.068e-04	7.703e-05	-6.578	4.76e-11 ***
dist_road	1.105e-03	3.294e-04	3.354	0.000796 ***
dist_building	-3.613e-05	1.259e-04	-0.287	0.774224
tri	1.847e-02	1.679e-02	1.100	0.271395

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Minimum days between revisits: 1; Grid size: 100

Count model coefficients (truncated negbin with log link):

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-9.953e+00	2.553e+01	-0.390	0.6966
dist_fels	9.994e-05	2.251e-04	0.444	0.6571
dist_road	1.417e-03	6.600e-04	2.146	0.0319 *
dist_building	5.766e-04	3.437e-04	1.678	0.0934 .
tri	4.796e-02	3.026e-02	1.585	0.1130
Log(theta)	-9.186e+00	2.552e+01	-0.360	0.7189

Zero hurdle model coefficients (binomial with logit link):

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-1.579e+00	1.980e-01	-7.973	1.55e-15 ***
dist_fels	-6.049e-04	8.196e-05	-7.380	1.58e-13 ***
dist_road	1.207e-03	3.453e-04	3.494	0.000476 ***
dist_building	3.156e-05	1.320e-04	0.239	0.811079
tri	1.824e-02	1.776e-02	1.027	0.304238

Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Minimum days between revisits: 1; Grid size: 200

Count model coefficients (truncated negbin with log link):

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-1.064e+01	9.109e+01	-0.117	0.9070
dist_fels	-2.061e-04	1.648e-04	-1.251	0.2110
dist_road	1.421e-03	5.742e-04	2.475	0.0133 *
dist_building	4.026e-04	2.544e-04	1.582	0.1135
tri	2.944e-02	3.509e-02	0.839	0.4015
Log(theta)	-1.110e+01	9.109e+01	-0.122	0.9030

Zero hurdle model coefficients (binomial with logit link):

	Estimate	Std. Error	z value	Pr(> z)
(Intercept)	-1.100e+00	1.836e-01	-5.993	2.05e-09 ***
dist_fels	-4.013e-04	7.655e-05	-5.242	1.59e-07 ***
dist_road	1.275e-03	3.378e-04	3.774	0.000161 ***
dist_building	-3.707e-05	1.265e-04	-0.293	0.769495
tri	1.208e-02	1.766e-02	0.684	0.494028
