

The intrepid urban coyote: a comparison of bold and exploratory behavior in coyotes from urban and rural environments

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Supplementary Table S1. Coefficient values (Beta), standard error (SE), lower confidence level (LCL), and upper confidence level (UCL) for all fixed effects in models with a Δ AICc score < 4 from Table 1: Flight Distance. Shaded rows represent coefficient values in which the confidence interval does not overlap zero, an indication of the significance of this value.

Model Rank and Name	Fixed Effect	Beta	SE	LCL	UCL
Model Rank = 1 Cover	Cover Low	25.40	4.68	16.26	34.61
	Cover Med.	6.93	5.59	-4.01	17.89
Model Rank = 2 Region + Cover	Region	-3.47	4.40	-12.10	5.16
	Cover Low	24.94	4.70	15.74	34.14
	Cover Med.	6.71	5.56	-4.19	17.62
Model Rank = 3 Region * Cover	Region	-7.68	5.95	-19.36	3.99
	Cover Low	16.39	7.15	2.38	30.40
	Cover Med.	8.67	9.15	-9.27	26.61
	Region:Cover Low	14.86	9.27	-3.31	33.02
	Region:Cover Med.	-3.97	11.34	-26.20	22.23

Supplementary Table S2. Coefficient values (Beta), standard error (SE), lower confidence level (LCL), and upper confidence level (UCL) for all fixed effects in models with a Δ AICc score < 4 from Table 1: Behavioral State. Shaded rows represent coefficient values in which the confidence interval does not overlap zero, an indication of the significance of this value.

Model Rank and Name	Fixed Effect	Beta	SE	LCL	UCL
Model Rank = 1	Region	-3.25	0.70	-4.62	-1.88
Region + Cover	Cover Low	-1.58	0.63	-2.81	-0.35
	Cover Med.	-0.89	0.94	-2.73	0.95
Model Rank = 2					
Region	Region	-2.79	0.64	-0.61	1.89

Supplementary Table S3. Coefficient values (Beta), standard error (SE), lower confidence level (LCL), and upper confidence level (UCL) for all fixed effects in models with a Δ AICc score < 4 from Table 2: Visits to Sites. Shaded rows represent coefficient values in which the confidence interval does not overlap zero, an indication of the significance of this value.

Model Rank and Name	Fixed Effect	Beta	SE	LCL	UCL
Model Rank = 1	Region	2.23	0.29	1.66	2.80
Region + Trial	Trial	-1.42	0.22	-1.85	-0.99
Model Rank = 2	Region	2.08	0.31	1.47	2.69
Region * Trial	Trial	-2.48	1.04	-4.52	-0.44
	Region:Trial	1.14	1.06	-0.94	3.22

Supplementary Table S4. Coefficient values (Beta), standard error (SE), lower confidence level (LCL), and upper confidence level (UCL) for all fixed effects in models with a Δ AICc score < 4 from Table 2: Spatial Response. Shaded rows represent coefficient values in which the confidence interval does not overlap zero, an indication of the significance of this value.

Model Rank and Name	Fixed Effect	Beta	SE	LCL	UCL
Model Rank = 1 Region*Trial+Distance	Region	0.59	0.25	0.10	1.08
	Trial	-2.00	0.74	-3.45	-0.55
	Distance Far	0.89	0.15	0.60	1.18
	Distance On	-0.17	0.18	-0.52	0.18
	Region:Trial	1.58	0.77	0.07	3.09
Model Rank = 2 Region+Trial+Distance	Region	0.89	0.23	0.44	1.34
	Trial	-0.60	0.19	-1.05	-0.15
	Distance Far	0.89	0.15	0.60	1.18
	Distance On	-0.16	0.18	-0.51	0.19

Supplementary Table S5. Coefficient values (Beta), standard error (SE), lower confidence level (LCL), and upper confidence level (UCL) for all fixed effects in models with a Δ AICc score < 4 from Table 2: Behavioral Response. Shaded rows represent coefficient values in which the confidence interval does not overlap zero, an indication of the significance of this value.

Model Rank and Name	Fixed Effect	Beta	SE	LCL	UCL
Model Rank = 1 Region+Trial+Behavior	Region	0.88	0.32	0.25	1.51
	Trial	-0.59	0.28	-1.14	-0.04
	Behavior-Vigilant	-0.97	0.16	-1.28	-0.66
	Behavior-Comfort	-0.66	0.18	-1.01	-0.31
Model Rank = 2 Region+Behavior	Region	0.67	0.31	0.06	1.28
	Behavior-Vigilant	-0.99	0.16	-1.30	-0.68
	Behavior-Comfort	-0.58	0.18	-0.93	-0.23