

Supplementary Materials Table S2. Summary results of coyote prey preferences.

Species	Scientific name	Pref/Avoid	Jacobs index	n	Body mass (kg)	Kills	t	d.f.	p
Beaver, American	<i>Castor canadensis</i>	~	-0.77 +- 0.14	2	21.82	0.03 +- 0.04	-5.58	1	0.110
Birds	Aves	~	-0.09 +- 0.20	6	0.2	0.05 +- 0.1	-0.45	5	0.670
Chipmunk, least	<i>Neotamias minimus</i>	-	-0.75 +- 0.06	7	0.14	0.02 +- 0.01	-12.72	6	0.000
Chipmunks	Sciuridae	~	-0.49 +- 0.18	7	0.11	0.01 +- 0.01	-2.79	6	0.030
Coyote	<i>Canis latrans</i>	-	-0.74 +- 0.04	5	13.41	0.02 +- 0.01	-17.9	4	0.000
Deer, mule	<i>Odocoileus hemionus</i>	~	0.14 +- 0.20	18	54.21	0.08 +- 0.03	0.7	17	0.490
Deer, white-tailed	<i>Odocoileus virginianus</i>	+	0.47 +- 0.10	38	55.51	0.16 +- 0.03	4.71	37	0.000
Elk	<i>Cervus canadensis</i>	~	0.23 +- 0.39	2	131.25	0.16 +- 0.12	0.58	1	0.660
Gopher, northern pocket	<i>Thomomys talpoides</i>	-	-0.56 +- 0.15	8	0.13	0.11 +- 0.04	-3.86	7	0.010
Grasshopper	Caelifera	~	-0.05 +- 0.55	3	0.01	0.06 +- 0.05	-0.09	2	0.930
Grouse, spruce	<i>Falcapennis canadensis</i>	-	-0.85 +- 0.06	5	0.47	0.03 +- 0.01	-13.85	4	0.000
Hare, showshoe	<i>Lepus americanus</i>	~	0.2 +- 0.13	30	1.71	0.2 +- 0.04	1.52	29	0.140
Invertebrates	Invertebrata	~-	-0.71 +- 0.22	4	0	0.07 +- 0.05	-3.22	3	0.050
Jackrabbit	<i>Lepus spp.</i>	+	0.96 +- 0.01	4	2.45	0.1 +- 0.08	75.76	3	0.000
Jackrabbit, black-tailed	<i>Lepus californicus</i>	~	0.2 +- 0.11	29	2.42	0.15 +- 0.04	1.84	28	0.080
Lemming, southern bog	<i>Synaptomys cooperi</i>	~	0.62 +- 0.20	2	0.03	0.03 +- 0.08	3.12	1	0.200
Marmot, yellow-bellied	<i>Marmota flaviventris</i>	~	-0.43 +- 0.29	2	3.35	0.03 +- 0.02	-1.47	1	0.380
Moose	<i>Alces alces</i>	~	0.04 +- 0.20	7	357	0.11 +- 0.06	0.19	6	0.860
Mouse, California deer	<i>Peromyscus californicus</i>	-	-0.91 +- 0.09	4	0.02	0 +- 0	-9.92	3	0.000
Mouse, deer	<i>Peromyscus spp.</i>	-	-0.72 +- 0.06	64	0.02	0.03 +- 0.01	-11.86	63	0.000
Mouse, fulvous harvest	<i>Reithrodontomys fulvescens</i>	~	-0.39 +- 0.58	2	0.01	0.01 +- 0.01	-0.67	1	0.620
Mouse, Great Basin pocket	<i>Perognathus parvus</i>	~	-0.1 +- 0.20	12	0.02	0.03 +- 0.01	-0.5	11	0.630
Mouse, harvest	<i>Reithrodontomys spp.</i>	-	-0.83 +- 0.05	8	0.01	0.03 +- 0.02	-18.42	7	0.000
Mouse, hispid pocket	<i>Chaetodipus hispidus</i>	~	-0.37 +- 0.30	6	0.03	0.01 +- 0	-1.24	5	0.270
Mouse, northern grasshopper	<i>Onychomys leucogaster</i>	~	-0.63 +- 0.27	4	0.03	0.01 +- 0.01	-2.32	3	0.100
Mouse, pinyon deer	<i>Peromyscus truei</i>	-	-0.66 +- 0.18	4	0.03	0.01 +- 0	-3.66	3	0.040
Mouse, pocket	<i>Chaetodipus spp.</i>	~	-0.24 +- 0.16	10	0.03	0.04 +- 0.02	-1.52	9	0.160
Mouse, southern marsh harvest	<i>Reithrodontomys megalotis</i>	-	-0.79 +- 0.21	4	0.01	0.01 +- 0.01	-3.7	3	0.030

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Mouse, western harvest	<i>Reithrodontomys megalotis</i>	~	0.14 +- 0.20	10	0.01	0.03 +- 0.02	0.72	9	0.490
Mouse, western jumping	<i>Zapus princeps</i>	~	-0.65 +- 0.35	2	0.02	0.03 +- 0.03	-1.85	1	0.320
Mouse, white-footed	<i>Peromyscus leucopus</i>	-	-0.56 +- 0.17	6	0.02	0.05 +- 0.02	-3.33	5	0.020
Muskrat	<i>Ondatra zibethicus</i>	-	-0.83 +- 0.08	8	1.07	0.02 +- 0.02	-9.86	7	0.000
Opossum, Virginia	<i>Didelphis virginiana</i>	~ -	-0.92 +- 0.08	2	2.2	0.01 +- 0.01	-12.19	1	0.050
Pheasant, ring-necked	<i>Phasianus colchicus</i>	~	0.34 +- 0.45	4	1.12	0.02 +- 0.02	0.75	3	0.510
Pronghorn	<i>Antilocapra americana</i>	~	-0.12 +- 0.35	4	46.08	0.03 +- 0.03	-0.34	3	0.760
Rabbit, desert cottontail	<i>Sylvilagus audubonii</i>	~ +	0.35 +- 0.16	14	0.89	0.08 +- 0.02	2.11	13	0.050
Rabbit, eastern cottontail	<i>Sylvilagus floridanus</i>	+	0.36 +- 0.09	15	1.17	0.13 +- 0.03	4.21	14	0.000
Rabbit, mountain cottontail	<i>Sylvilagus nuttallii</i>	~ +	0.67 +- 0.21	3	0.76	0.06 +- 0.04	3.23	2	0.080
Raccoon, northern	<i>Procyon lotor</i>	-	-0.94 +- 0.02	2	6.55	0.02 +- 0.04	-56.8	1	0.010
Rat, hispid cotton	<i>Sigmodon hispidus</i>	~	0.02 +- 0.10	27	0.09	0.81 +- 1.80	0.23	26	0.820
Rat, Ord's kangaroo	<i>Dipodomys ordii</i>	-	-0.48 +- 0.10	11	0.06	0.04 +- 0.01	-4.67	10	0.000
Sheep	<i>Ovis aries</i>	~	-0.02 +- 0.13	6	70	0.04 +- 0.04	-0.13	5	0.900
Sheep, Dall	<i>Ovis dalli</i>	+	0.67 +- 0	3	55.65	0.06 +- 0.01	229.15	2	0.000
Skunk, striped	<i>Mephitis mephitis</i>	~	-0.41 +- 0.59	2	2.09	0.02 +- 0.03	-0.7	1	0.610
Small mammals	<i>Mammalia</i>	-	-0.55 +- 0.15	15	0.03	0.43 +- 0.9	-3.64	14	0.000
Squirrel, American red	<i>Tamiasciurus hudsonicus</i>	-	-0.82 +- 0.04	8	0.2	0.02 +- 0.01	-18.9	7	0.000
Squirrel, fox	<i>Sciurus niger</i>	-	-0.98 +- 0.02	2	0.7	0 +- 0	-42.69	1	0.010
Squirrel, golden-mantled ground	<i>Callospermophilus lateralis</i>	~	0.04 +- 0.29	3	0.19	0.03 +- 0.03	0.15	2	0.900
Squirrel, ground	Sciuridae	~	-0.48 +- 0.31	4	0.27	0.06 +- 0.07	-1.57	3	0.220
Squirrel, Townsend's ground	<i>Uroditellus townsendii</i>	~	-0.24 +- 0.14	3	0.41	0.04 +- 0.02	-1.76	2	0.220
Squirrel, Uinta ground	<i>Uroditellus armatus</i>	~	0.12 +- 0.50	4	0.31	0.06 +- 0.03	0.25	3	0.820
Vole, California	<i>Microtus californicus</i>	+	0.25 +- 0.05	4	0.06	0.08 +- 0.05	5.38	3	0.010
Vole, meadow	<i>Microtus pennsylvanicus</i>	-	-0.82 +- 0.13	3	0.04	0.08 +- 0.05	-6.3	2	0.020
Vole, prairie	<i>Microtus ochrogaster</i>	~	-0.13 +- 0.18	11	0.04	0.1 +- 0.02	-0.74	10	0.470
Vole, southern red-backed	<i>Myodes gapperi</i>	-	-0.87 +- 0.10	6	0.02	0.03 +- 0.02	-8.43	5	0.000
Waterfowl	Anatidae	-	-0.97 +- 0.02	3	1	0.04 +- 0.04	-58.55	2	0.000
Woodchuck/groundhog	<i>Marmota monax</i>	~	-0.61 +- 0.16	2	3.81	0.05 +- 0.05	-3.84	1	0.160
Woodrat, desert	<i>Neotoma lepida</i>	~	-0.52 +- 0.38	2	0.16	0.05 +- 0.06	-1.35	1	0.410

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Woodrat, eastern	<i>Neotoma floridana</i>	~	0.47 +- 0.05	2	0.24	0.02 +- 0.01	9.98	1	0.060
Woodrat, southern plains	<i>Neotoma micropus</i>	~	-0.07 +- 0.08	27	0.24	0.06 +- 0.01	-0.86	26	0.400