

Additional file 7. T-test results of the comparison between the habitat suitability value (HS) of corridor vs non-corridor locations from the *full SSF model*. Negative value of “t” implies that the corridor locations had lower habitat suitability than the non-corridor locations.

Species	Individuals	t	p-value	DF	HS corridor (mean±sd)	HS non-corridor (mean±sd)
black bear	BB01	-0.075	0.9399	3559	0.45 ± 0.17	0.45 ± 0.14
black bear	BB03	-1.789	0.0737	7850	0.85 ± 0.08	0.87 ± 0.1
black bear	BB04_09	-4.870	<0.001	8528	0.25 ± 0.1	0.28 ± 0.08
black bear	BB04_10	-4.584	<0.001	2575	0.33 ± 0.09	0.41 ± 0.09
black bear	BB05	-3.463	<0.001	7093	0.42 ± 0.13	0.48 ± 0.14
black bear	BB06	-5.011	<0.001	6713	0.72 ± 0.09	0.76 ± 0.1
black bear	BB07	-7.286	<0.001	5368	0.27 ± 0.11	0.36 ± 0.12
black bear	BB08_09	-4.480	<0.001	7120	0.72 ± 0.07	0.78 ± 0.08
black bear	BB08_10	-5.708	<0.001	13243	0.51 ± 0.1	0.57 ± 0.11
black bear	BB08_11	-2.972	0.003	2455	0.7 ± 0.13	0.77 ± 0.08
black bear	BB09	-8.811	<0.001	6828	0.58 ± 0.1	0.64 ± 0.07
black bear	BB10	-1.090	0.2756	2039	0.72 ± 0.1	0.73 ± 0.06
black bear	BB11	-2.693	0.0071	5801	0.39 ± 0.13	0.44 ± 0.12
black bear	BB12	-2.881	0.004	6029	0.7 ± 0.1	0.73 ± 0.11
black bear	BB14_09	-13.520	<0.001	4914	0.79 ± 0.05	0.92 ± 0.07
black bear	BB14_10	-3.203	0.0014	13059	0.65 ± 0.15	0.7 ± 0.15
black bear	BB15	-5.663	<0.001	10446	0.34 ± 0.11	0.41 ± 0.16
black bear	BB16_10	-9.809	<0.001	13384	0.49 ± 0.1	0.56 ± 0.07
black bear	BB16_11	-0.675	0.5001	1157	0.58 ± 0.13	0.59 ± 0.06
black bear	BB28_10	-7.836	<0.001	13093	0.42 ± 0.14	0.48 ± 0.12
black bear	BB28_11	-14.209	<0.001	12010	0.31 ± 0.13	0.41 ± 0.12
black bear	BB34	0.131	0.8954	7935	0.55 ± 0.07	0.55 ± 0.07
black bear	BB38	-1.073	0.2834	8105	0.51 ± 0.07	0.52 ± 0.08
black bear	BB39_10	-4.945	<0.001	7973	0.36 ± 0.11	0.44 ± 0.12
black bear	BB39_11	-1.450	0.1473	1648	0.23 ± 0.01	0.31 ± 0.12
black bear	BB41	0.138	0.8899	3758	0.51 ± 0.05	0.5 ± 0.08
black bear	BB43_10	-2.116	0.0343	6283	0.45 ± 0.12	0.49 ± 0.12
black bear	BB43_11	-5.518	<0.001	10549	0.52 ± 0.1	0.57 ± 0.1
black bear	BB44_10	-5.098	<0.001	7848	0.34 ± 0.1	0.39 ± 0.1
black bear	BB44_11	-3.425	<0.001	9980	0.35 ± 0.1	0.38 ± 0.09
black bear	BB54	-8.601	<0.001	9224	0.42 ± 0.11	0.47 ± 0.07
black bear	BB55	1.113	0.2658	9547	0.41 ± 0.11	0.4 ± 0.11
black bear	BB58	-0.514	0.6069	6399	0.45 ± 0.08	0.45 ± 0.09
bobcat	BC01	-2.062	0.0392	6574	0.62 ± 0.13	0.67 ± 0.11
bobcat	BC03	-1.492	0.1357	2268	0.37 ± 0.14	0.42 ± 0.13
bobcat	BC04	0.880	0.3789	9034	0.83 ± 0.09	0.82 ± 0.08
bobcat	BC05	-3.237	0.0012	11307	0.48 ± 0.13	0.54 ± 0.14
bobcat	BC06	-1.541	0.1233	3556	0.57 ± 0.04	0.63 ± 0.08
bobcat	BC07	-4.065	<0.001	10894	0.4 ± 0.13	0.49 ± 0.11
bobcat	BC08	-5.623	<0.001	12683	0.67 ± 0.1	0.72 ± 0.09

Species	Individuals	t	p-value	DF	HS corridor (mean±sd)	HS non-corridor (mean±sd)
coyote	C01	-3.373	<0.001	6610	0.56 ± 0.1	0.62 ± 0.11
coyote	C02	-3.579	<0.001	6613	0.56 ± 0.12	0.62 ± 0.09
coyote	C03	-0.939	0.3479	834	0.26 ± 0.12	0.3 ± 0.14
coyote	C04	-3.253	0.0011	8804	0.4 ± 0.13	0.5 ± 0.15
coyote	C05	-2.097	0.0361	8778	0.32 ± 0.12	0.39 ± 0.17
coyote	C06	0.868	0.3853	8631	0.75 ± 0.1	0.74 ± 0.11
coyote	C07	-6.141	<0.001	8512	0.3 ± 0.1	0.42 ± 0.13
coyote	C08	-9.011	<0.001	7874	0.44 ± 0.13	0.55 ± 0.12
coyote	C09	-7.182	<0.001	6788	0.47 ± 0.12	0.57 ± 0.1
coyote	C10	-4.264	<0.001	10613	0.62 ± 0.1	0.67 ± 0.11
coyote	C11	-7.113	<0.001	11073	0.76 ± 0.1	0.81 ± 0.07
coyote	C15	-6.727	<0.001	11791	0.49 ± 0.09	0.55 ± 0.09
coyote	C16	-4.347	<0.001	11102	0.63 ± 0.11	0.68 ± 0.1
coyote	C17_10	-5.536	<0.001	9714	0.41 ± 0.08	0.48 ± 0.1
coyote	C20	-10.774	<0.001	9477	0.73 ± 0.11	0.8 ± 0.07
coyote	C23	-6.118	<0.001	10846	0.61 ± 0.07	0.66 ± 0.06
coyote	C24	-5.534	<0.001	14242	0.4 ± 0.11	0.49 ± 0.11
coyote	C26	-5.568	<0.001	10450	0.36 ± 0.08	0.45 ± 0.1
coyote	C27	-5.203	<0.001	12009	0.63 ± 0.1	0.69 ± 0.07
coyote	C29	-5.210	<0.001	10509	0.43 ± 0.08	0.49 ± 0.09
wolf	W01	-21.002	<0.001	6310	0.55 ± 0.09	0.7 ± 0.11
wolf	W02	-5.123	<0.001	6497	0.44 ± 0.11	0.49 ± 0.08
wolf	W05	-5.735	<0.001	11850	0.42 ± 0.09	0.46 ± 0.08
wolf	W06	-9.216	<0.001	11305	0.24 ± 0.07	0.33 ± 0.12
wolf	W07	-1.553	0.1204	11072	0.41 ± 0.08	0.42 ± 0.09
wolf	W08	-4.157	<0.001	9802	0.4 ± 0.1	0.45 ± 0.11
wolf	W10	-1.755	0.0794	8878	0.46 ± 0.07	0.47 ± 0.06