

## Supplemental Tables

**Sup. Table 1.** The occurrence of dholes and their prey was determined based on camera trap data from previous studies conducted in West Sumatra

Location	Survey period	Number of cameras	Trap-nights	Elevation (m)	Resources
Lembah Anai	2013	5	336	465–742	Alan (2013)
Lembah Anai	2017	8	323	448–665	Efendi (2017)
Mahat	2015	5	337	938–1,297	Hanif (2015)
Malampah	2016	10	293	650–1,113	Ladyfandela <i>et al.</i> (2018)
Nyarai	2015	6	466	311–605	Dwiyanto (2015)
Rimbo Panti	2016	11	438	216–871	Kasayev <i>et al.</i> (2018)
Supayang	2016	6	915	815–1,017	Marlius (2016)
Supayang	2014	6	1,665	827–962	Rahayu (2014)
Panningahan	2015	5	–	420–470	Rahma & Novarino (2015)
Solok Selatan	2015	23	2,857	272–1,041	Solina <i>et al.</i> (2018)
Solok Selatan	2017–18	23	3,772	272–1,041	Solina <i>et al.</i> (2023)

**Sup. Table 2.** The area under curve (AUC) and contribution environmental variable to Maxent result of *Cuon alpinus* and potential prey

Targets	Training AUC	Landcover	River	Road	Altitude	Bioclim																		
						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<i>Cuon alpinus</i>	0.949	19.3	8.6	0	0.1	0.2	3.5	12.8	7.7	0	1	0	0	0	0.1	0	0.3	17.1	7.7	1.1	3.1	23.2	0.7	0.8
Bovidae	0.969	50.6	4.3	1.3	0.9	0.2	5	12.9	1.4	0	0.1	0	0.1	0	0	0	1.3	9.8	1	0.9	5.9	2.6	0.5	1.3
Cercopithecidae	0.960	11.3	7.1	4.2	15.2	0.5	1.2	5.7	3.8	0.4	6	1.1	1.1	0.3	8.3	2.1	2	1.6	4.7	8.6	0.7	4.5	1	8.6
Cervidae	0.979	13.4	4.7	7.5	4.7	0.2	2.8	5.9	2.9	1.1	5.3	1.4	0.4	0.3	10.7	3.8	1.8	1.7	4.7	8.3	2.5	5.4	0.4	10.1
Erinaceidae	0.946	31.9	33	9.7	6.8	0	1.3	0.1	4.6	0	0	0.4	0	0	0	0	0	6.7	0	0	0.7	0.1	2.3	2.2
Hystricidae	0.964	9.8	7.7	3.6	16.3	0	3.4	4.4	2.7	0.5	4.4	1.5	0	9	4.8	2.9	0.4	1.6	6.7	10.9	1.5	3.4	1	10.9
Manidae	0.963	63.9	6.4	5.7	0	0.2	0.4	0	10.4	0	0.4	0.7	0.1	0	0.7	2.1	0	7.1	0.1	1.7	0	0	0.2	0
Muridae	0.975	11	9.3	4.9	0.9	0	0.5	4	1.7	1	0.1	0.8	0	0.1	11.9	6	0.4	0.9	6.4	20.8	0.9	1.5	4.5	12.4
Phasianidae	0.972	22.4	4.5	8.6	6.7	0	1	11.3	1.4	0.1	3.9	1.2	0.1	0	14.1	2	1.1	1.9	1.9	3.9	0.7	4.8	2.3	6.1
Sciuridae	0.967	7.7	13.1	4.3	14.7	0.5	2.1	19.1	0.9	1.8	0	0.5	0	1.4	1.6	0.5	0.4	3.4	3.7	7.4	0.3	1.7	2.6	12.2
Suidae	0.966	6.7	7.1	3.3	13.8	0	1	2	4.6	0.3	1.6	0.2	0.4	4.4	2.9	0.3	0	1.3	3.5	29.3	0.4	3.1	1.7	12.1
Tragulidae	0.989	8.8	17.2	1.5	25.8	0.1	0.2	0.7	2.6	0.2	0	0.2	0.1	1.9	0.1	0	0.1	7.3	2.5	14.4	3.4	1.1	1.2	10.6
Tupaiidae	0.891	37.6	7.4	5.7	5	0	0	11.6	0.6	0.1	0.6	5.7	0.2	0.2	0	0	0	13.1	1	2.9	0.4	0.8	5.6	1.5