

Habitat Characteristics of the Endangered Himalayan Red Panda in Panchthar–Ilam–Taplejung Corridor, Eastern Nepal

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Supplementary materials

Table S1. Summary of the global models with estimates and standard errors (SE) analyzing the influence of environmental and disturbance covariates on red panda habitat use in Panchthar–Ilam–Taplejung (PIT) Corridor.

Variables	Estimates	Standard_Errors	Z_Value	P_Value
(Intercept)	16.4355	22.3228	0.7363	0.4616
Elevation(elv)	-0.0022	0.0055	-0.4017	0.6879
Tree dbh (dbh)	1.3822	0.8755	1.5787	0.1144
Bamboo density (bamb_den)	0.0143	0.0073	1.9578	0.0503
Bamboo height (bamb_het)	0.1991	0.2961	0.6724	0.5013
Shrub cover (shru_cov)	0.2201	0.1213	1.8145	0.0696
Bamboo cutting (bamb_cut)	-0.0288	0.0260	-1.1044	0.2694
Livestock grazing (live_graz)	-0.0097	0.0403	-0.2408	0.8097

Distance to water (dist_wat)	-0.0132	0.0038	-3.4670	0.0005
Aspect (asp)	-0.0006	0.0078	-0.0725	0.9422
Slope (slp)	-0.0852	0.0772	-1.1031	0.2700
Distance to road (dist_road)	0.0033	0.0016	2.0882	0.0368
Distance to settlement (dist_set)	0.0003	0.0027	0.0984	0.9216
NDVI	-30.4181	16.9781	-1.7916	0.0732

Supplementary figures

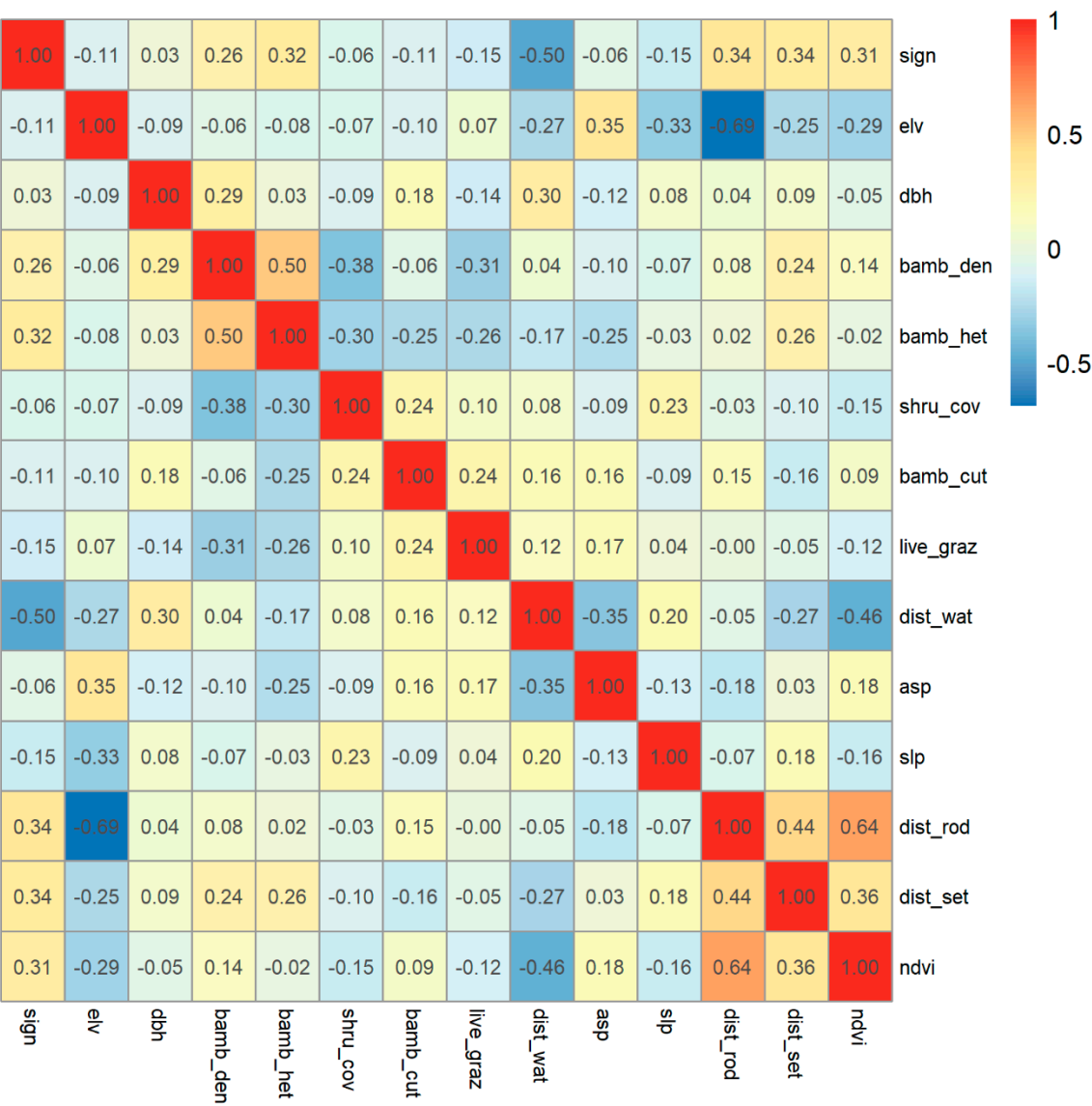


Figure S1. Correlation matrix of factors associated with Himalayan red panda distribution.

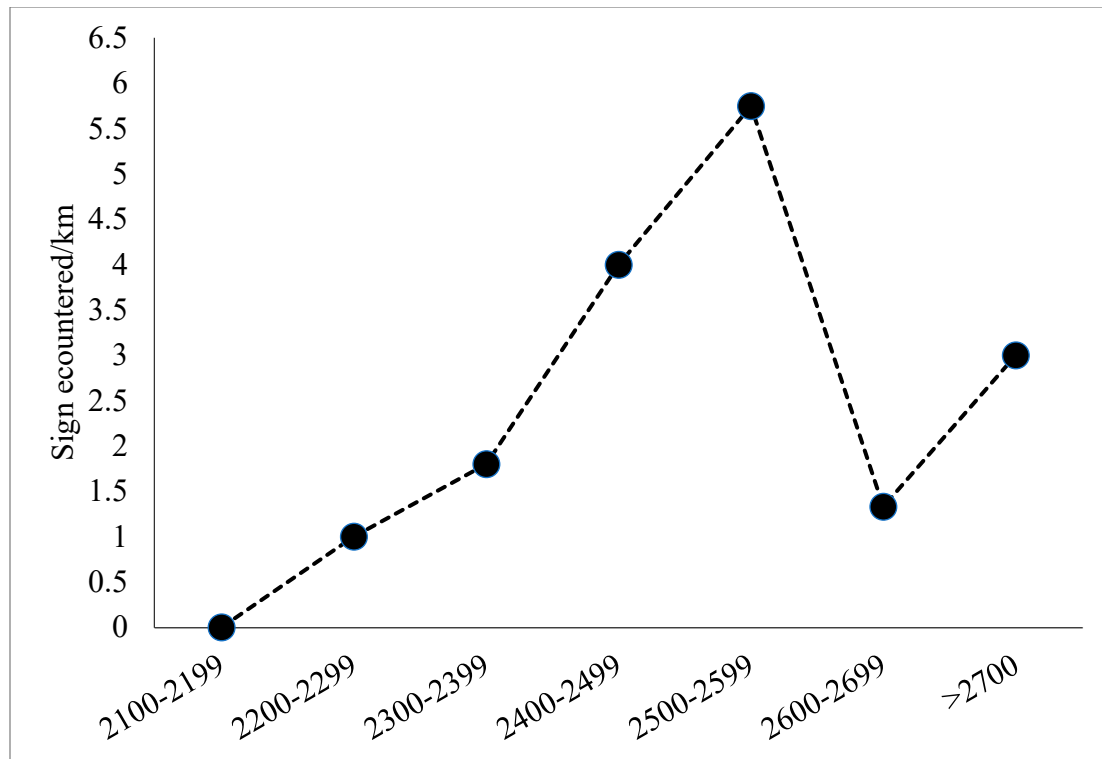


Figure S2. Sign counter rate along the elevation of the study area.

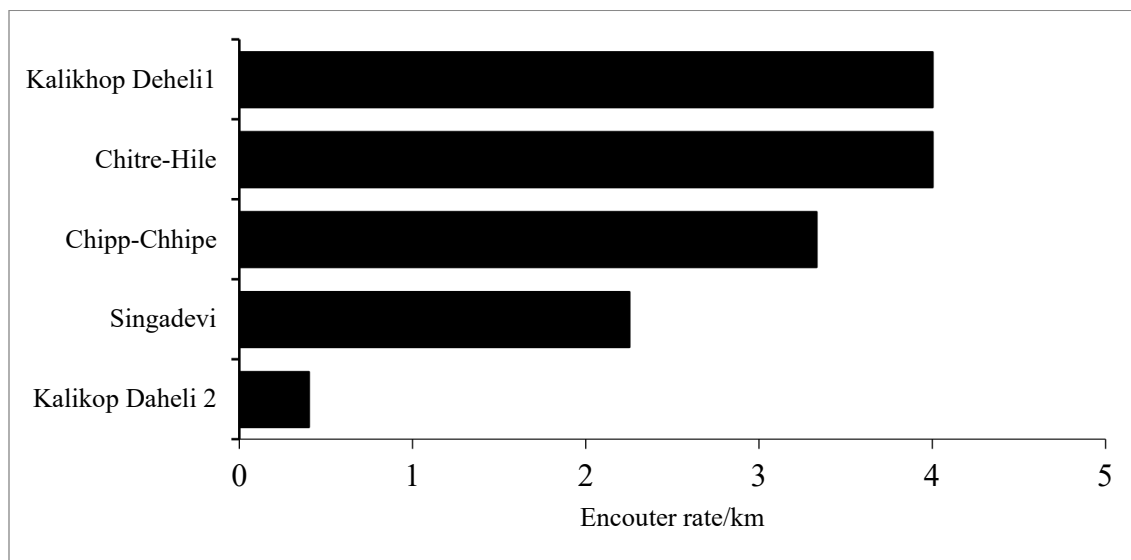


Figure S3. Sign encounter rate in different community forests of the study area.