

Table S1. All environmental variables and descriptions

Variable	Description	Variable	Description
Bio1	Annual Mean Temperature	tmean9	September Mean Temperature
Bio2	Mean Diurnal Range (Mean of monthly (max temp - min temp))	tmean10	October Mean Temperature
Bio3	Isothermality (BIO2/BIO7) ($\times 100$)	tmean11	November Mean Temperature
Bio4	Temperature Seasonality (standard deviation $\times 100$)	tmean12	December Mean Temperature
Bio5	Max Temperature of Warmest Month	tmin1	January Minimum Temperature
Bio6	Min Temperature of Coldest Month	tmin2	February Minimum Temperature
Bio7	Temperature Annual Range (BIO5-BIO6)	tmin3	March Minimum Temperature
Bio8	Mean Temperature of Wettest Quarter	tmin4	April Minimum Temperature
Bio9	Mean Temperature of Driest Quarter	tmin5	May Minimum Temperature
Bio10	Mean Temperature of Warmest Quarter	tmin6	June Minimum Temperature
Bio11	Mean Temperature of Coldest Quarter	tmin7	July Minimum Temperature
Bio12	Annual Precipitation	tmin8	August Minimum Temperature
Bio13	Precipitation of Wettest Month	tmin9	September Minimum Temperature
Bio14	Precipitation of Driest Month	tmin10	October Minimum Temperature
Bio15	Precipitation Seasonality (Coefficient of Variation)	tmin11	November Minimum Temperature
Bio16	Precipitation of Wettest Quarter	tmin12	December Minimum Temperature
Bio17	Precipitation of Driest Quarter	prec1	January precipitation
Bio18	Precipitation of Warmest Quarter	prec2	February precipitation
Bio19	Precipitation of Coldest Quarter	prec3	March precipitation
tmax1	January Maximum Temperature	prec4	April precipitation
tmax2	February Maximum Temperature	prec5	May precipitation
tmax3	March Maximum Temperature	prec6	June precipitation
tmax4	April Maximum Temperature	prec7	July precipitation
tmax5	May Maximum Temperature	prec8	August precipitation
tmax6	June Maximum Temperature	prec9	September precipitation
tmax7	July Maximum Temperature	prec10	October precipitation
tmax8	August Maximum Temperature	prec11	November precipitation
tmax9	September Maximum Temperature	prec12	December precipitation

tmax10	October Maximum Temperature	Alt	Altitude
tmax11	November Maximum Temperature	Slop	Slope
tmax12	December Maximum Temperature	Cur	Terrain Curvature
tmean1	January Mean Temperature	Veg	Vegetation Type
tmean2	February Mean Temperature	LC	Land Cover
tmean3	March Mean Temperature	NDVI	Normalized difference vegetation index
tmean4	April Mean Temperature	Pop	Population Distance
tmean5	May Mean Temperature	RD1	Road Distance
tmean6	June Mean Temperature	RD2	Railway Distance
tmean7	July Mean Temperature	Rg	Roughness grades
tmean8	August Mean Temperature	Poi	Distance of Point of Interest

Table S2. Correlation matrix of environmental variables selected for Maxent model of the Przewalski's gazelle. Positive and negative

	Alt	Bio2	Bio3	Bio8	Bio15	Bio19	Prec3	Cur	Pop	NDVI	Poi	Road	Slope
Alt	1	0.037859	-0.35481	-0.70386	-0.3092	0.485349	0.30941	-0.16182	0.042222	0.199963	0.750896	0.502748	0.139219
Bio2	0.037859	1	0.242124	0.672828	-0.73894	0.790082	-0.70804	0.003277	0.232752	-0.57494	0.245097	0.098075	-0.24097
Bio3	-0.35481	0.242124	1	0.407398	-0.17954	-0.07943	-0.12694	0.062831	-0.07957	-0.02702	-0.3097	-0.34894	-0.14029
Bio8	-0.70386	0.672828	0.407398	1	-0.31769	0.226566	-0.71088	0.137676	0.085504	-0.53145	-0.34521	-0.30408	-0.25586
Bio15	-0.3092	-0.73894	-0.17954	-0.31769	1	-0.77361	0.235003	0.091567	0.078644	0.179541	-0.42908	-0.04238	0.008674
Bio19	0.485349	0.790082	-0.07943	0.226566	-0.77361	1	-0.40722	-0.01297	-0.03519	-0.29433	0.578159	0.186888	-0.06874
Prec3	0.30941	-0.70804	-0.12694	-0.71088	0.235003	-0.40722	1	-0.12107	-0.26367	0.691139	0.16104	-0.00474	0.308854
Cur	-0.16182	0.003277	0.062831	0.137676	0.091567	-0.01297	-0.12107	1	-0.03058	-0.08171	-0.05302	-0.05352	0.033464
Pop	0.042222	0.232752	-0.07957	0.085504	0.078644	-0.03519	-0.26367	-0.03058	1	-0.48084	0.105105	0.592731	-0.25303
NDVI	0.199963	-0.57494	-0.02702	-0.53145	0.179541	-0.29433	0.691139	-0.08171	-0.48084	1	0.044422	-0.16895	0.214278
Poi	0.750896	0.245097	-0.3097	-0.34521	-0.42908	0.578159	0.16104	-0.05302	0.105105	0.044422	1	0.671777	0.126044
Road	0.502748	0.098075	-0.34894	-0.30408	-0.04238	0.186888	-0.00474	-0.05352	0.592731	-0.16895	0.671777	1	-0.04686
Slope	0.139219	-0.24097	-0.14029	-0.25586	0.008674	-0.06874	0.308854	0.033464	-0.25303	0.214278	0.126044	-0.04686	1

numbers represent positive and negative correlations, respectively

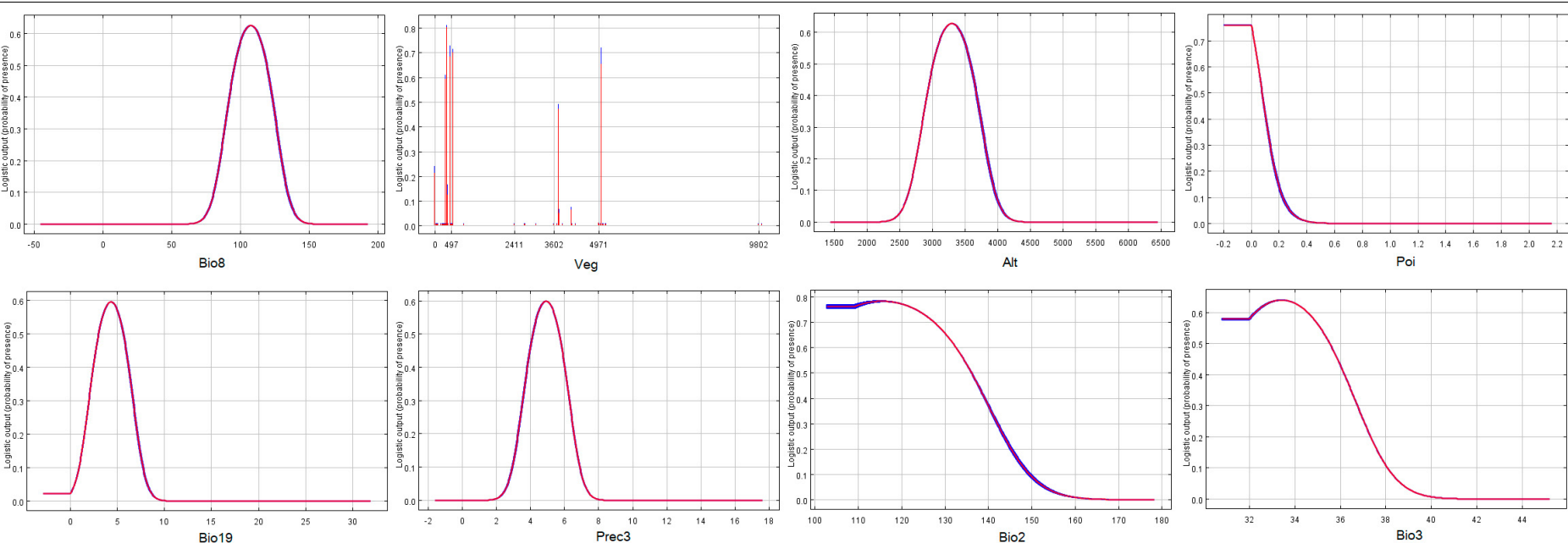


Figure S1 Response curves of environmental variables with high contribution rate

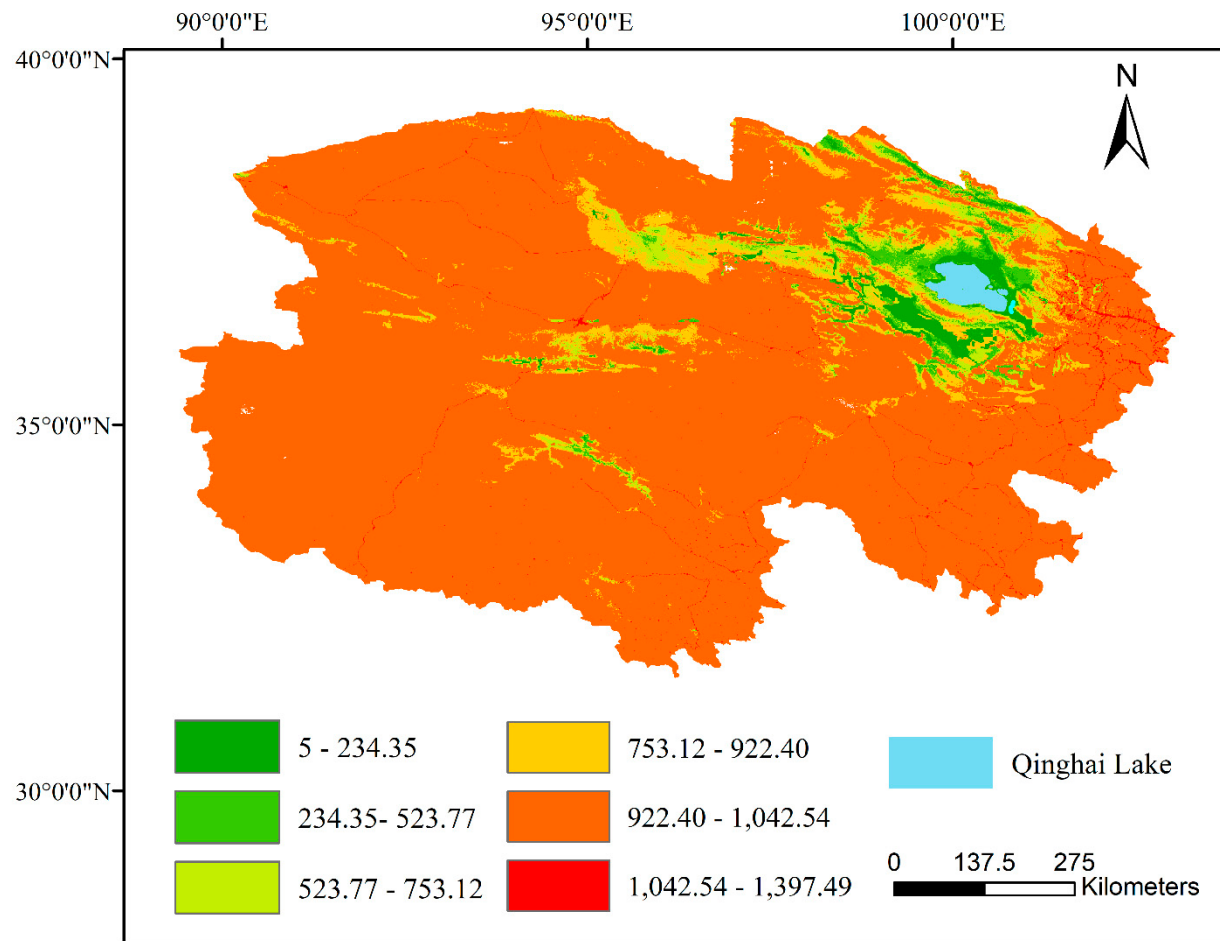


Figure S2 The map of resistance surface