

Table S2. Analysis of variable contributions for the current breeding habitats for *bohaili* and *melanuroides*. (bio2: mean diurnal range, bio4: temperature seasonality, bio8: mean temperature of wettest quarter, bio9: mean temperature of driest quarter, bio11: mean temperature of coldest quarter, bio12: annual precipitation, bio15: precipitation seasonality, bio17: precipitation of driest quarter, hfp: human footprint).

<i>bohaili</i>	Per cent contribution	Permutation importance	<i>melanuroides</i>	Percent contribution	Permutation importance
bio4	74.8	74.4	bio1	41.3	69.1
bio15	6.8	7.9	bio15	11	1.7
bio1	6.2	2	hfp	11	4.6
bio11	3.9	3.1	elevation	7.1	7.6
bio12	3.1	6.3	bio11	6.5	0.6
bio17	2.1	2.1	herbaceous	6.3	3.9
bio8	0.6	1.7	bio9	5.7	3.1
bio2	0.6	0.1	shrubs	3.6	6.8
elevation	0.5	0.6	bio4	2.9	0.1
shrubs	0.5	0.3	bio17	1.8	1.4
bio9	0.4	0.1	ndvi_mean	1	0.2
herbaceous	0.2	1.4	bio2	0.9	0
ndvi_mean	0.1	0	bio12	0.6	0.9
hfp	0.1	0	bio8	0.1	0.1