

Mapping conservation priorities and connectivity pathways under climate change for tropical ecosystems

Climatic Change

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Supplementary Material 2

Table 1. Correlation between bioclimatic variables, evapotranspiration and principal components.

Variables	PC 1	PC 2	PC 3	PC 4	PC 5
Annual Mean Temperature	0.94	-0.32	0.04	-0.05	0.05
Mean Diurnal Range (Mean of monthly (max temp - min temp))	0.5	0.47	-0.55	-0.41	-0.18
Isothermality (BIO2/BIO7) (* 100)	-0.65	-0.11	-0.03	-0.67	-0.03
Temperature Seasonality (standard deviation *100)	0.81	-0.07	-0.01	0.32	-0.43
Max Temperature of Warmest Month	0.98	-0.19	-0.06	-0.07	0.01
Min Temperature of Coldest Month	0.9	-0.4	0.12	-0.02	0.07
Temperature Annual Range (BIO5-BIO6)	0.66	0.47	-0.49	-0.17	-0.17
Mean Temperature of Wettest Quarter	0.94	-0.31	0.06	-0.04	0.07
Mean Temperature of Driest Quarter	0.94	-0.33	0.07	-0.03	0.05
Mean Temperature of Warmest Quarter	0.95	-0.31	0.04	-0.04	0.03
Mean Temperature of Coldest Quarter	0.94	-0.32	0.04	-0.06	0.06
Annual Precipitation	-0.35	-0.87	-0.31	0.08	0.04
Precipitation of Wettest Month	-0.17	-0.54	-0.8	0.12	0.1
Precipitation of Driest Month	-0.32	-0.87	0.26	0.02	-0.16
Precipitation Seasonality (Coefficient of Variation)	0.39	0.79	-0.39	0.07	0.05
Precipitation of Wettest Quarter	-0.22	-0.58	-0.75	0.12	0.15
Precipitation of Driest Quarter	-0.3	-0.89	0.26	0.01	-0.13
Precipitation of Warmest Quarter	-0.67	-0.54	-0.31	-0.07	-0.24
Precipitation of Coldest Quarter	0.13	-0.91	-0.23	0.08	-0.04
Evapotranspiration	0.2	-0.72	0.2	-0.47	0.05

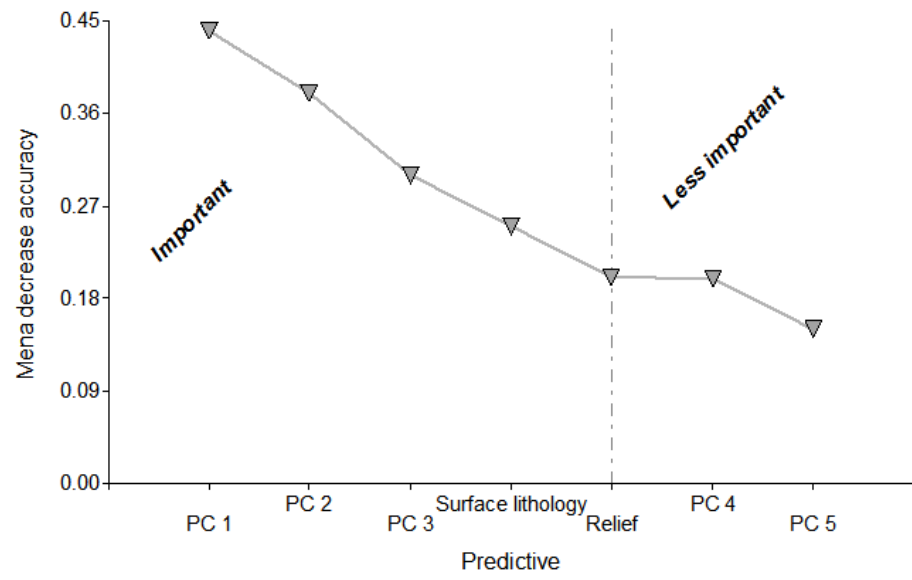


Figure 1. Relative importance of predictor variables based on the mean decrease accuracy.