**Table S2.** Environmental variables and loadings on the first two principal components (PC1 and PC2) based on a principal component analysis. Bold text indicates the variables used as input for Maxent modelling.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Code | Variables | Type | Source | PC1 | PC2 |
| **BLD** | **Bulk Density** | **Soil** | [**www.soilgrids.org**](http://www.soilgrids.org/) | **-0.129**  | **-0.101**  |
| **CEC** | **Cation Exchange Capacity** | **Soil** | [**www.soilgrids.org**](http://www.soilgrids.org/) | **-0.182**  | **0.076**  |
| **CLYPPT** | **Soil Texture Fraction Clay** | **Soil** | [**www.soilgrids.org**](http://www.soilgrids.org/) | **0.064**  | **-0.149**  |
| **CRFVOL** | **Coarse Fragments Volumetric** | **Soil** | [**www.soilgrids.org**](http://www.soilgrids.org/) | **-0.039**  | **0.016**  |
| **OCSTHA** | **Soil Organic Carbon Stock** | **Soil** | [**www.soilgrids.org**](http://www.soilgrids.org/) | **-0.158**  | **0.069**  |
| ORCDRC | Soil Organic Carbon Content | Soil | [www.soilgrids.org](http://www.soilgrids.org/) | -0.139  | 0.068  |
| **PHIHOX** | **Soil PH** | **Soil** | [**www.soilgrids.org**](http://www.soilgrids.org/) | **-0.201**  | **-0.001**  |
| **SLTPPT** | **Soil Texture Fraction Silt** | **Soil** | [**www.soilgrids.org**](http://www.soilgrids.org/) | **-0.232**  | **0.049**  |
| **SNDPPT** | **Soil Texture Fraction Sand** | **Soil** | [**www.soilgrids.org**](http://www.soilgrids.org/) | **0.028**  | **-0.115**  |
| Alt | Altitude | Topography | www.worldclim.org | 0.175  | 0.253  |
| **Aspect** | **Aspect** | **Topography** | www.worldclim.org | **-0.018**  | **-0.024**  |
| **Slope** | **Slope** | **Topography** | www.worldclim.org | **-0.008**  | **0.003**  |
| **Globcover** | **Land Use and Land Cover** | **Degree of Naturalness** | due.esrin.esa.int | **0.014**  | **0.094**  |
| **Bio1** | **Annual Mean Temperature** | **Climate** | www.worldclim.org | **0.203**  | **0.251**  |
| **Bio2** | **Mean Diurnal Range** | **Climate** | www.worldclim.org | **-0.119**  | **0.240**  |
| **Bio3** | **Isothermality** | **Climate** | www.worldclim.org | **0.205**  | **0.151**  |
| **Bio4** | **Temperature Seasonality** | **Climate** | www.worldclim.org | **-0.240**  | **0.109**  |
| Bio5 | Max Temperature of Warmest Month | Climate | www.worldclim.org | 0.197  | 0.256  |
| Bio6 | Min Temperature of Coldest Month | Climate | www.worldclim.org | 0.210  | 0.245  |
| Bio7 | Temperature Annual Range (BIO5-BIO6) | Climate | www.worldclim.org | -0.250  | 0.112  |
| Bio8 | Mean Temperature of Wettest Quarter | Climate | www.worldclim.org | 0.196  | 0.256  |
| Bio9 | Mean Temperature of Driest Quarter | Climate | www.worldclim.org | 0.209  | 0.246  |
| Bio10 | Mean Temperature of Warmest Quarter | Climate | www.worldclim.org | 0.198  | 0.255  |
| Bio11 | Mean Temperature of Coldest Quarter | Climate | www.worldclim.org | 0.208  | 0.247  |
| **Bio12** | **Annual Precipitation** | **Climate** | www.worldclim.org | **0.214**  | **-0.231**  |
| Bio13 | Precipitation of Wettest Month | Climate | www.worldclim.org | 0.184  | -0.218  |
| Bio14 | Precipitation of Driest Month | Climate | www.worldclim.org | 0.201  | -0.202  |
| **Bio15** | **Precipitation Seasonality** | **Climate** | www.worldclim.org | **-0.221**  | **0.105**  |
| Bio16 | Precipitation of Wettest Quarter | Climate | www.worldclim.org | 0.191  | -0.219  |
| Bio17 | Precipitation of Driest Quarter | Climate | www.worldclim.org | 0.199  | -0.200  |
| Bio18 | Precipitation of Warmest Quarter | Climate | www.worldclim.org | 0.158  | -0.194  |
| Bio19 | Precipitation of Coldest Quarter | Climate | www.worldclim.org | 0.198  | -0.197  |