**Table S4:** Information on the 19 environmental factors

|  |  |  |
| --- | --- | --- |
| Environmental factors and description | Unit | Percent contribution / % |
| Bio\_1：Annual Mean Temperature. | ℃ | 24.8 |
| Bio\_2：Mean Diurnal Range. | ℃ | 2.2 |
| Bio\_3：Isothermality (BIO2 /BIO7) (\*100). | % | 1.2 |
| Bio\_4：Temperature Seasonality (standard deviation \*100). | ℃ | 1.3 |
| Bio\_5：Max Temperature of Warmest Month. | ℃ | 0.1 |
| Bio\_6：Min Temperature of Coldest Month. | ℃ | 0.1 |
| Bio\_7：Temperature Annual Range (BIO5-BIO6). | ℃ | 0 |
| Bio\_8：Mean Temperature of Wettest Quarter. | ℃ | 0.1 |
| Bio\_9：Mean Temperature of Driest Quarter. | ℃ | 15.8 |
| Bio\_10：Mean Temperature of Warmest Quarter. | ℃ | 0.3 |
| Bio\_11：Mean Temperature of Coldest Quarter. | ℃ | 2.2 |
| Bio\_12：Annual Precipitation. | mm | 0.1 |
| Bio\_13：Precipitation of Wettest Month. | mm | 1 |
| Bio\_14：Precipitation of Driest Month. | mm | 1.4 |
| Bio\_15：Precipitation Seasonality (Coefficient of Variation). | % | 7.7 |
| Bio\_16：Precipitation of Wettest Quarter. | mm | 0 |
| Bio\_17：Precipitation of Driest Quarter. | mm | 3.7 |
| Bio\_18：Precipitation of Warmest Quarter. | mm | 13.4 |
| Bio\_19：Precipitation of Coldest Quarter. | mm | 24.6 |