

Supplementary Material

Spatial Distribution Patterns of the Key Afforestation Species *Cupressus funebris* : Insights from an Ensemble Model under Climate Change Scenarios

Jingtian Yang¹, Yi Huang², Mei Liu¹, Jingxuan Yang³, Qinggui Wu^{1, 3*}

* Correspondence: qgwu30@163.com (Qinggui Wu)

1 Supplementary Figures and Tables

1.1 Supplementary Figures

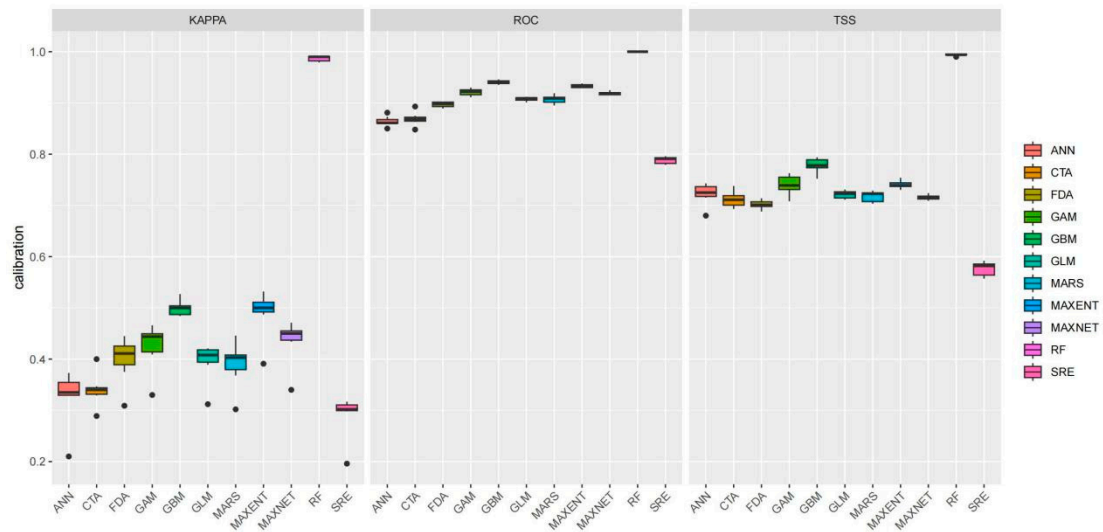


Figure S1. Evaluation scores of the individual models used in the ensemble modelling.

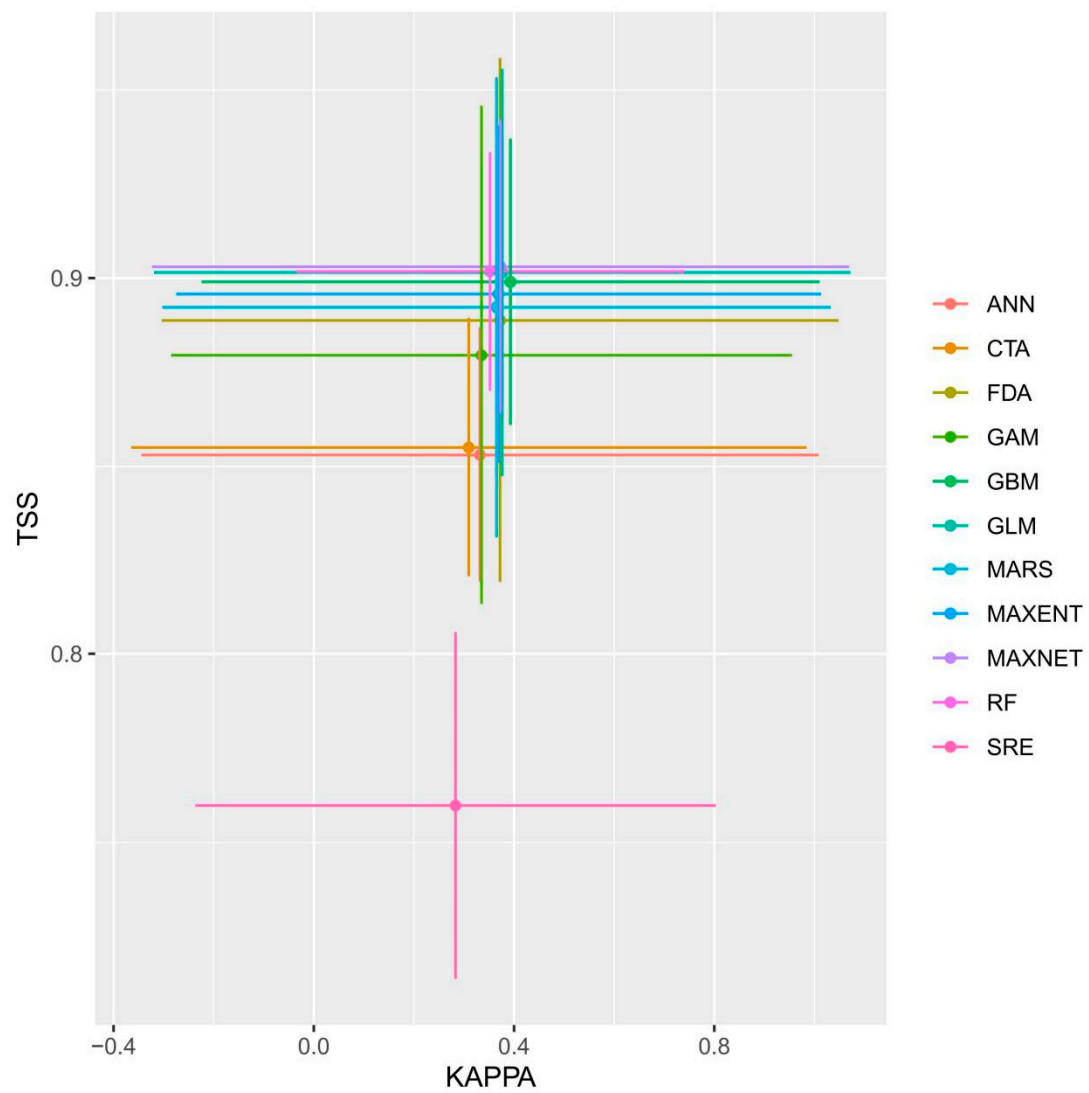


Figure S2. Evaluation indices of individual predictive models.

1.2 Supplementary Tables

Table S1. Environmental variables and their contributions and suitable value ranges.

Code	Environmental variable	Variables importance
bio6	BIO6 = Min Temperature of Coldest Month	0.552
bio2	BIO2 = Mean Diurnal Range (Mean of monthly (max temp - min temp))	0.409
bio14	BIO14 = Precipitation of Driest Month	0.235
bio15	BIO15 = Precipitation Seasonality (Coefficient of Variation)	0.171
bio8	BIO8 = Mean Temperature of Wettest Quarter	0.122
elev	Elevation	0.120
bio5	BIO5 = Max Temperature of Warmest Month	0.102
t_bs	Topsoil Base Saturation	0.051
t_oc	Topsoil Organic Carbon	0.021
t_esp	Topsoil Sodicity	0.007