Table S5 The rank of precipitation variables based on variable contribution

|  |  |  |  |
| --- | --- | --- | --- |
|  | *Magnolia biondii* | *Magnolia denudata* | *Magnolia sprengeri* |
| Percent contribution | Annual precipitationPrecipitation seasonalityPrecipitation of warmest quarter | Annual precipitationPrecipitation seasonalityPrecipitation of warmest quarter | Annual precipitationPrecipitation seasonalityPrecipitation of warmest quarter |
| Permutation importance | Annual precipitationPrecipitation of warmest quarterPrecipitation seasonality | Annual precipitationPrecipitation seasonalityPrecipitation of warmest quarter | Annual precipitationPrecipitation seasonalityPrecipitation of warmest quarter |
| Training gain | Annual precipitationPrecipitation seasonalityPrecipitation of warmest quarter | Annual precipitationPrecipitation of warmest quarterPrecipitation seasonality | Annual precipitationPrecipitation seasonalityPrecipitation of warmest quarter |
| AUC | Annual precipitationPrecipitation seasonalityPrecipitation of warmest quarter | Annual precipitationPrecipitation of warmest quarterPrecipitation seasonality | Precipitation seasonalityAnnual precipitationPrecipitation of warmest quarter |
| Test gain | Annual precipitationPrecipitation seasonalityPrecipitation of warmest quarter | Annual precipitationPrecipitation of warmest quarterPrecipitation seasonality | Annual precipitationPrecipitation seasonalityPrecipitation of warmest quarter |