

A comparison of Machine Learning Models for mapping tree species using WorldView-2 imagery in the agroforestry landscape of West Africa

Supplementary Table S1. Comparison of actual tree species count before and after applying SMOTE sampling.

Tree Species	Actual Trees Frequency	Trees Frequency after SMOTE
Faidherbia albida	15	30
Anogeissus leiocarpus	24	35
Mangifera indica	11	25
Azadirachta indica	70	70
Parkia biglobosa	19	35
Tamarindus indica	16	30
Vitellaria paradoxa	13	20
Piliostigma reticulatum	25	40
Diospyros mespiliformis	17	40

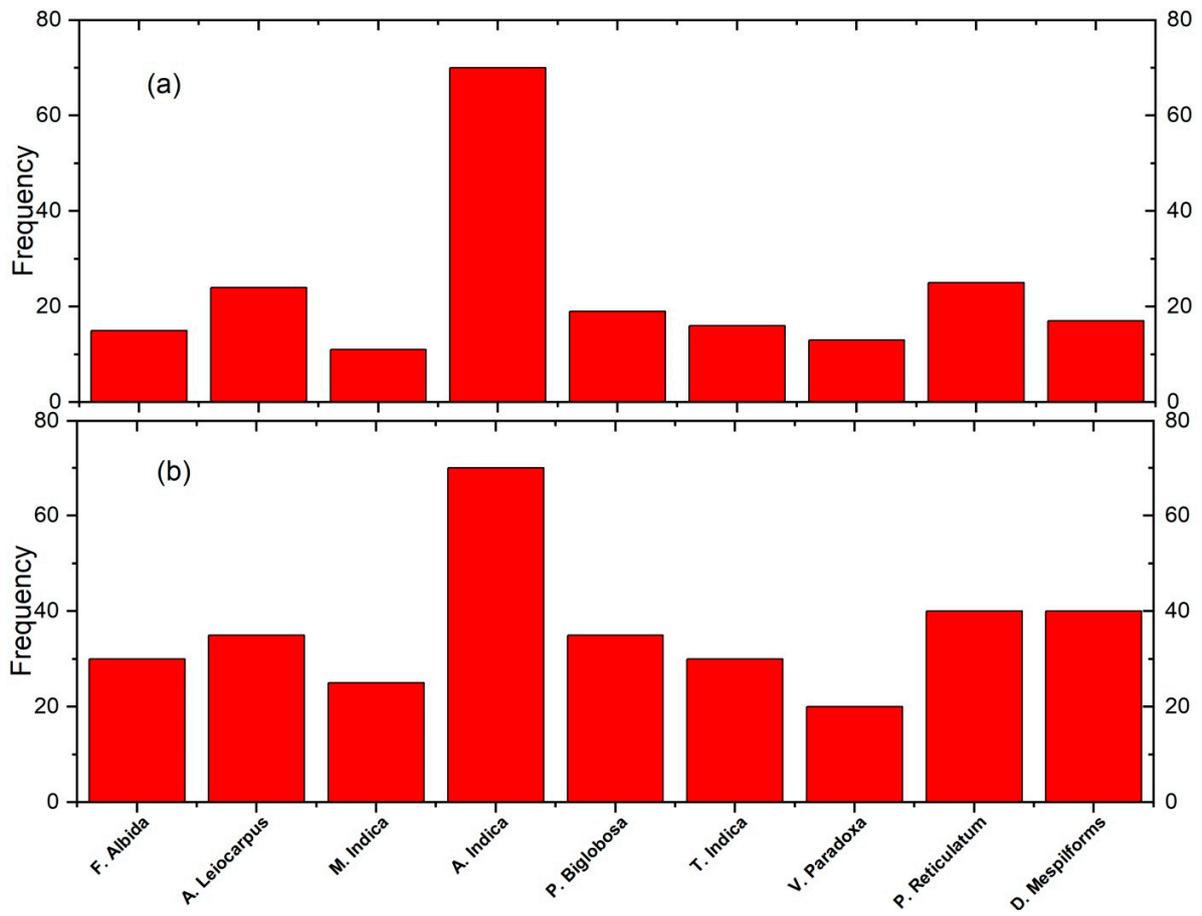


Figure S1. (a) Actual tree species frequency based on reference dataset; (b) Tree species frequency after applying SMOTE.

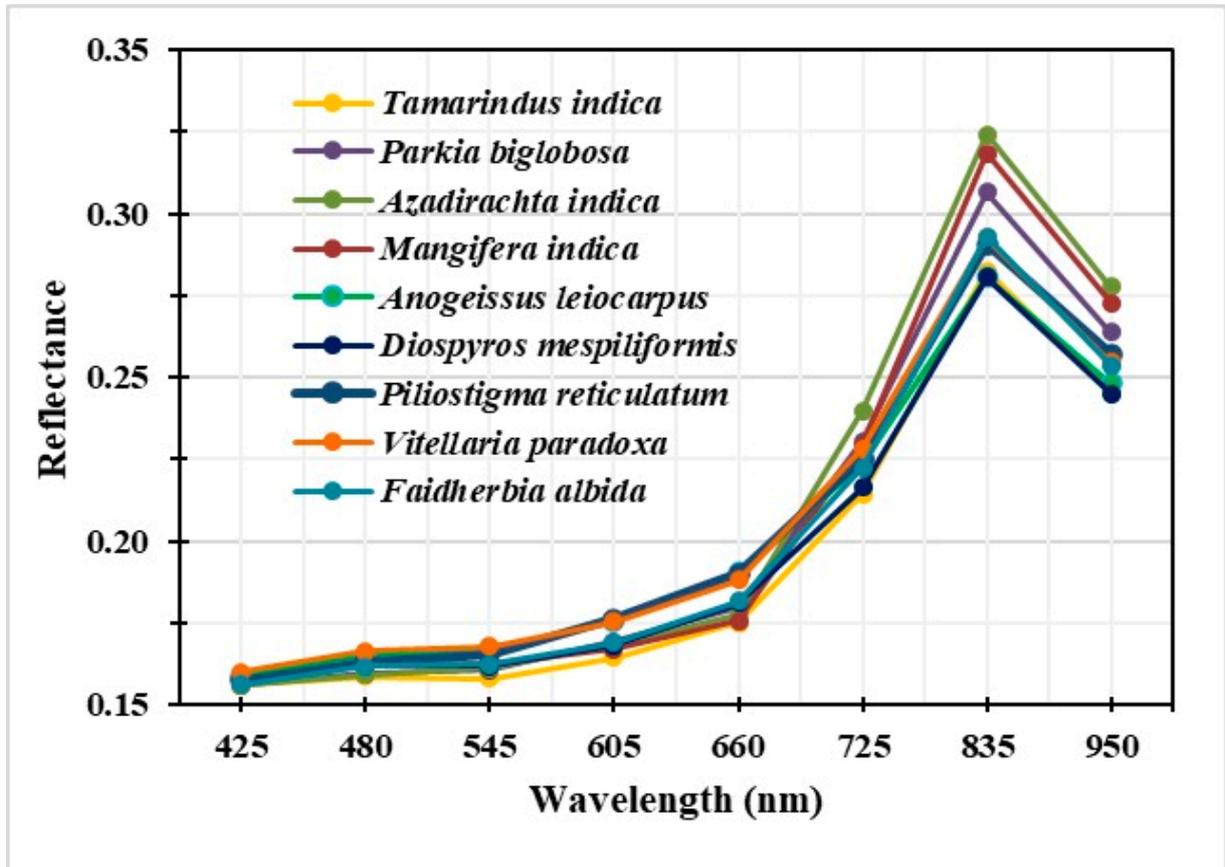


Figure S2. Mean spectral reflectance curve of the nine major tree species.

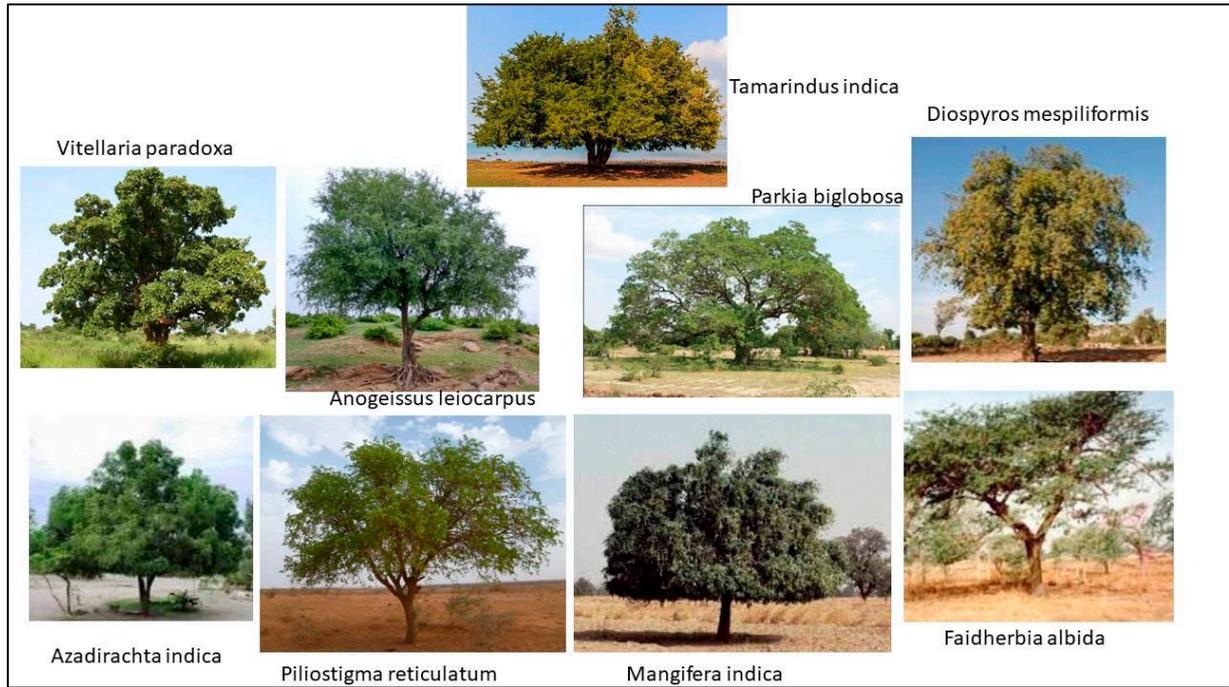


Figure S3. Visual appearance of dominant tree species.