

Supplementary material 1 for

Continuous wavelet analysis of leaf reflectance improves classification

accuracy of mangroves species

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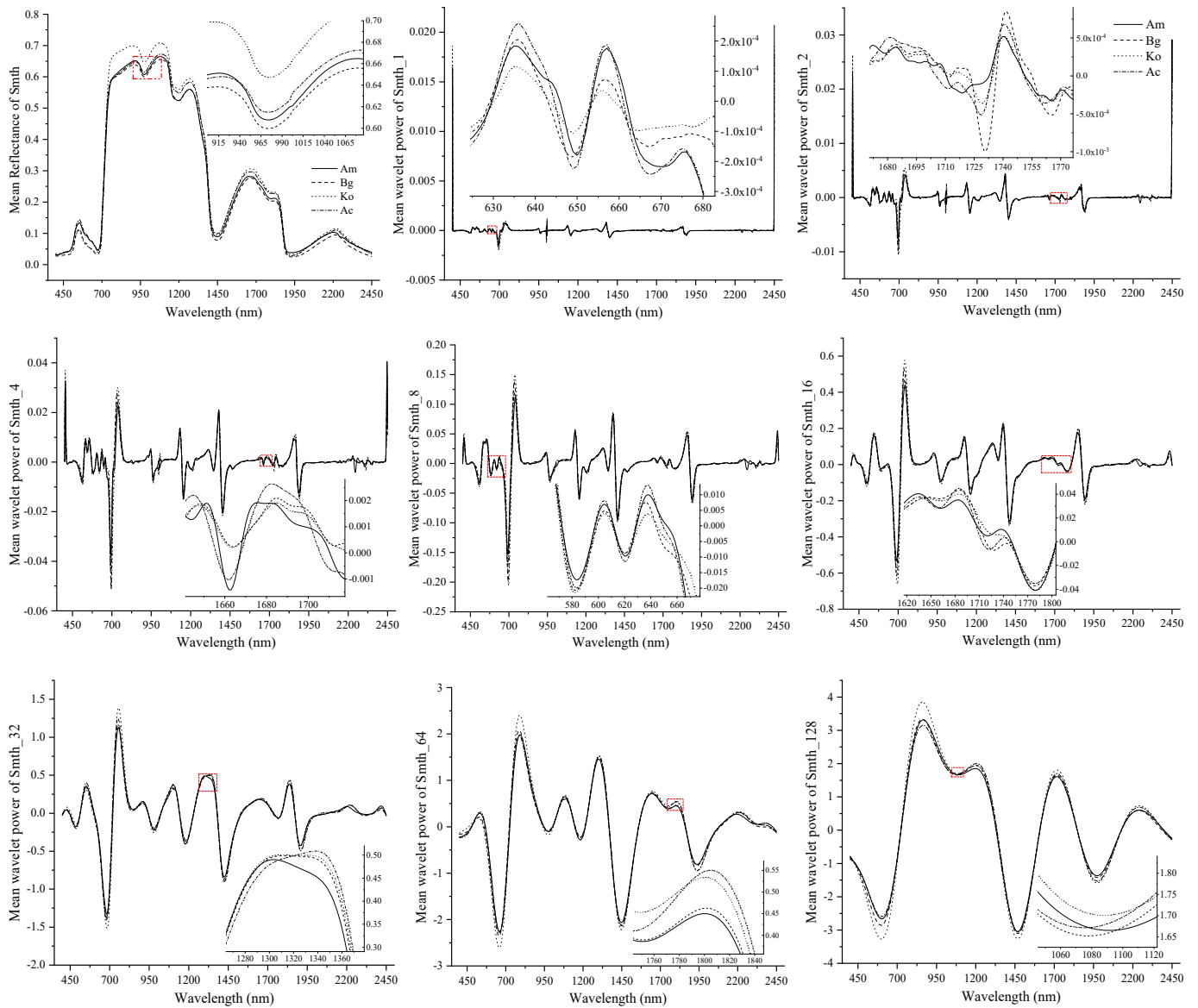


Figure S1-1. Mean reflectance and wavelet power spectra of Smth

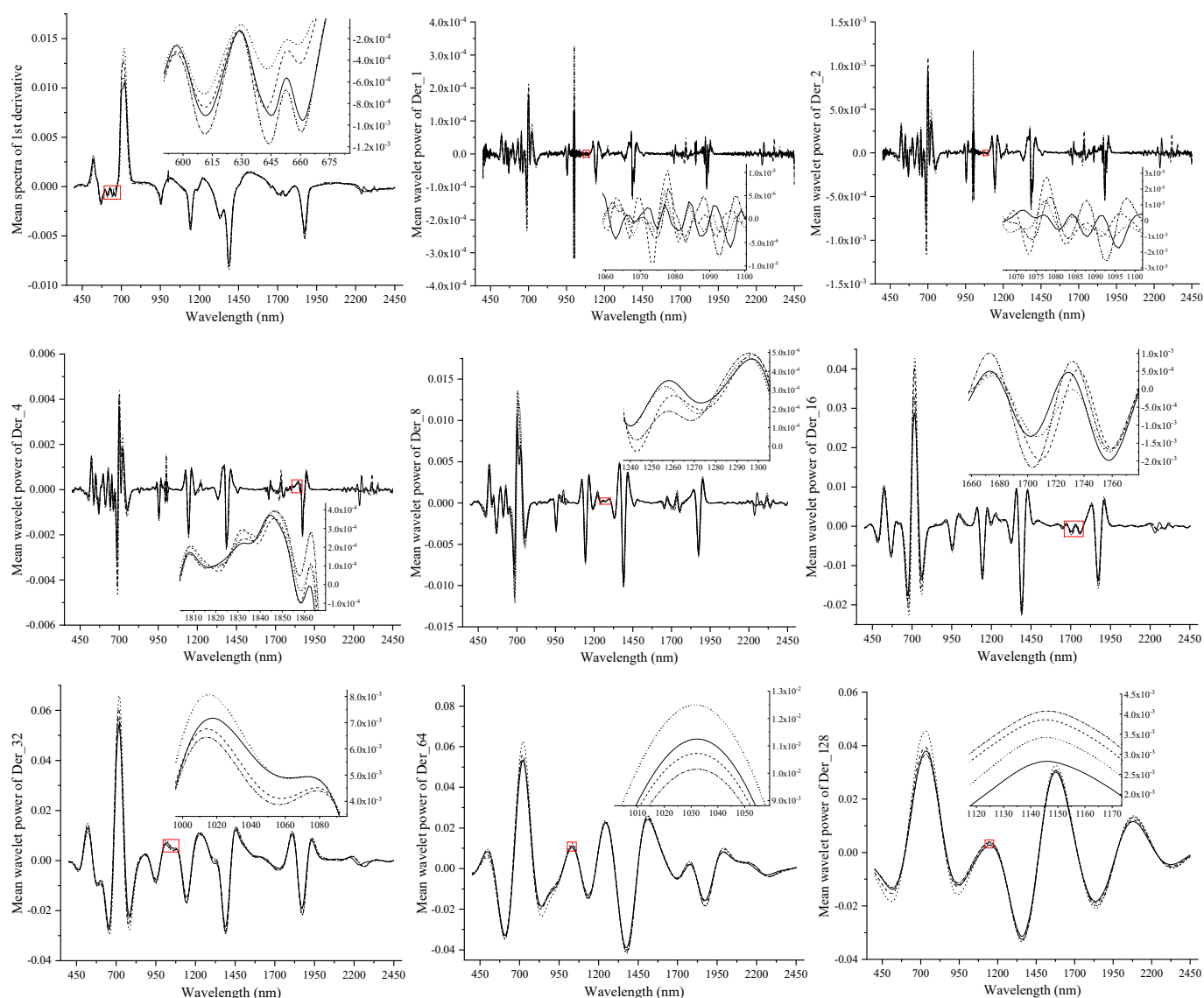


Figure S1-2. Mean reflectance and wavelet power spectra of Der

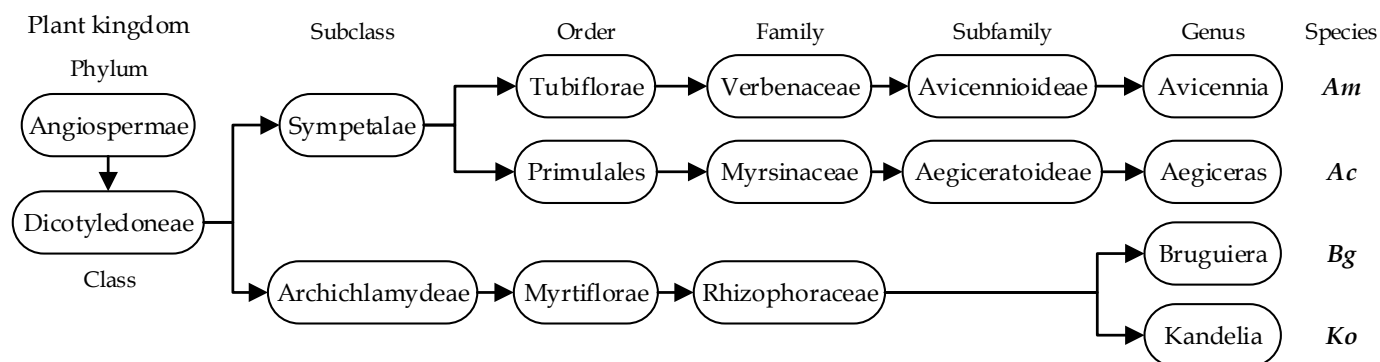


Figure S1-3. Taxonomic hierarchy of the four mangrove species.



Figure S1-4. The OAs (yellow line) and ± 1 SD (olive-green buffer area) of all spectra

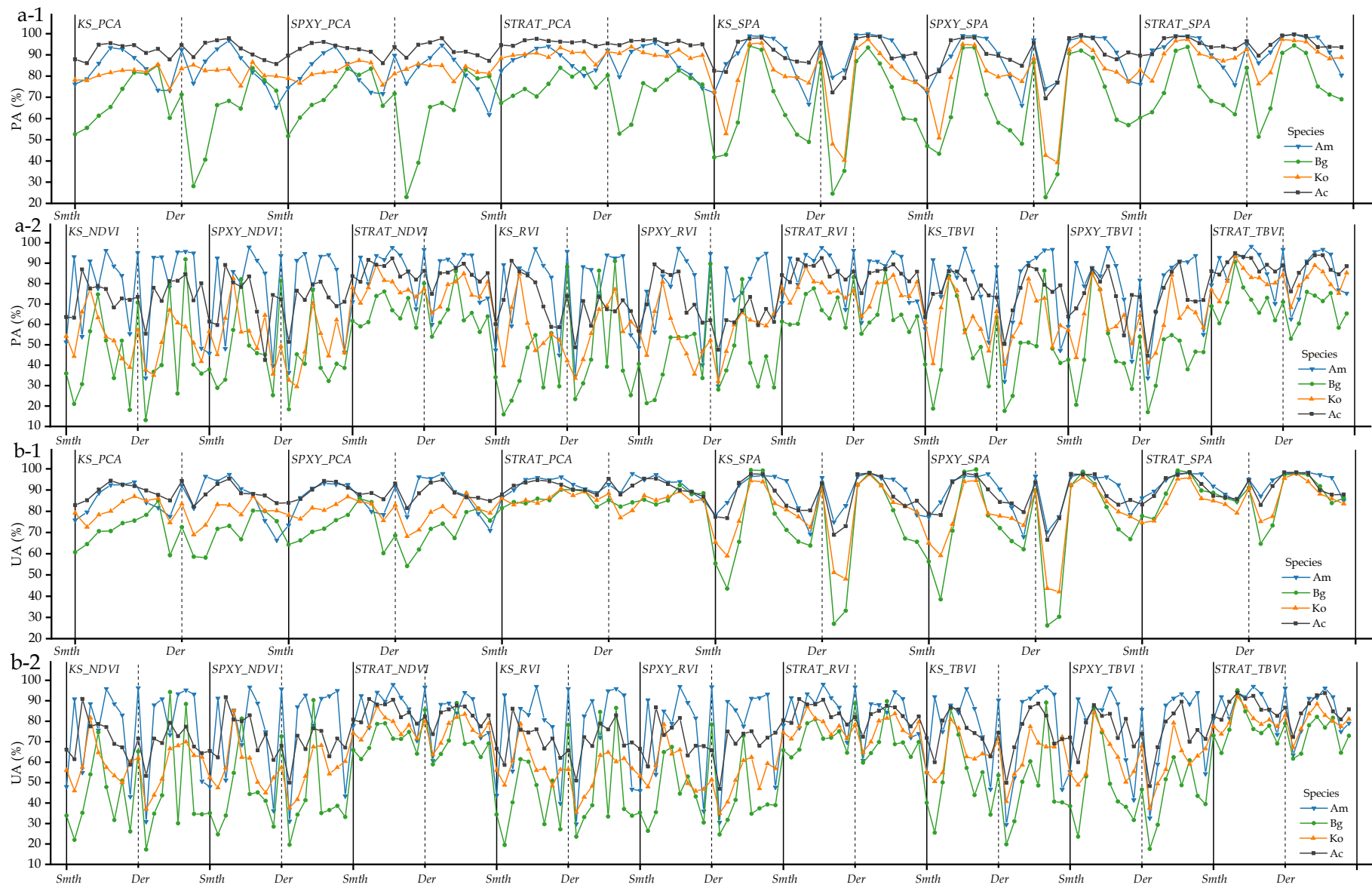


Figure S1-5. Plots of PAs (a-1 and a-2) as and UAs (b-1 and b-2) of four species derived from the 270 classification models. The horizontal axis represents the reflectance spectra (Smth), wavelet power spectra of Smth with eight scales (Smth_1, Smth_2, ..., Smth_128), derivative spectra (Der) and wavelet power spectra of Der with eight scales (Der_1, Der_2, ..., Der_128). A total of 15 combinations (three subset partition methods and five feature extraction methods) are plotted.