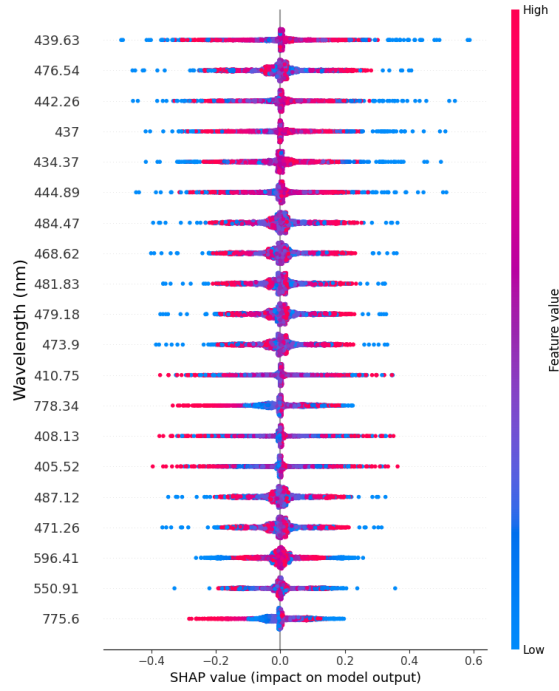
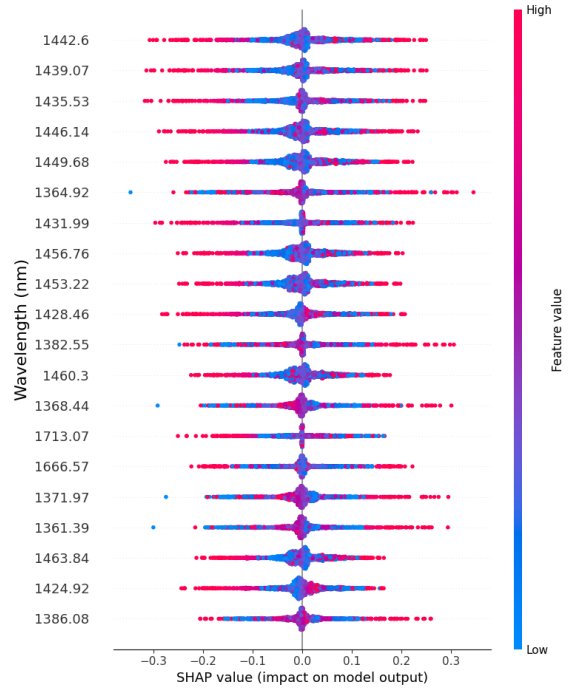


## Supplementary material

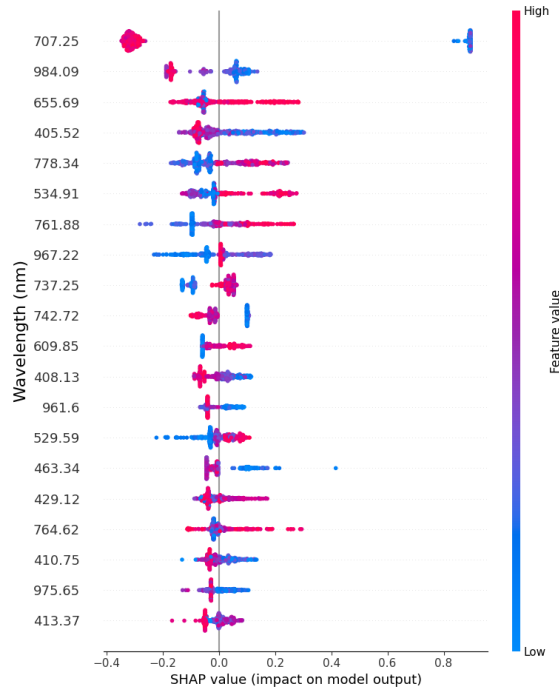
(a)



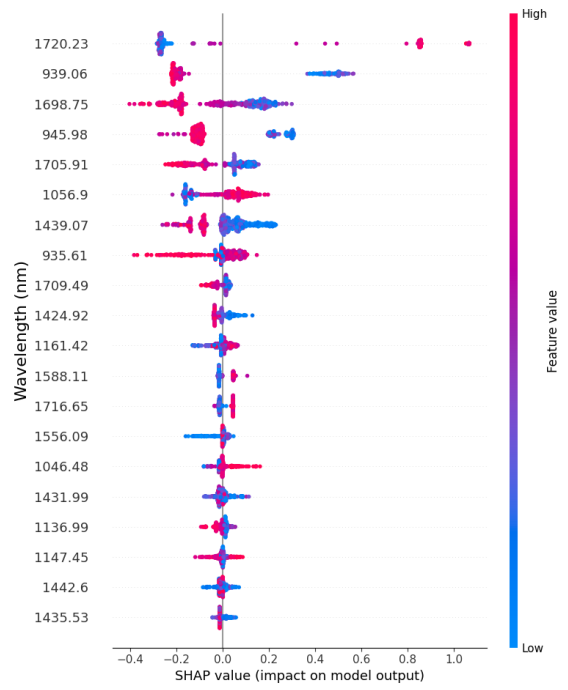
(b)



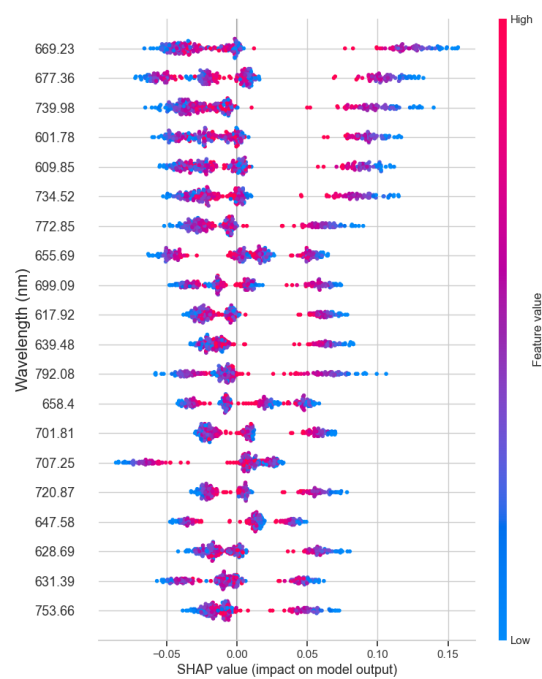
(c)



(d)



(e)



(f)

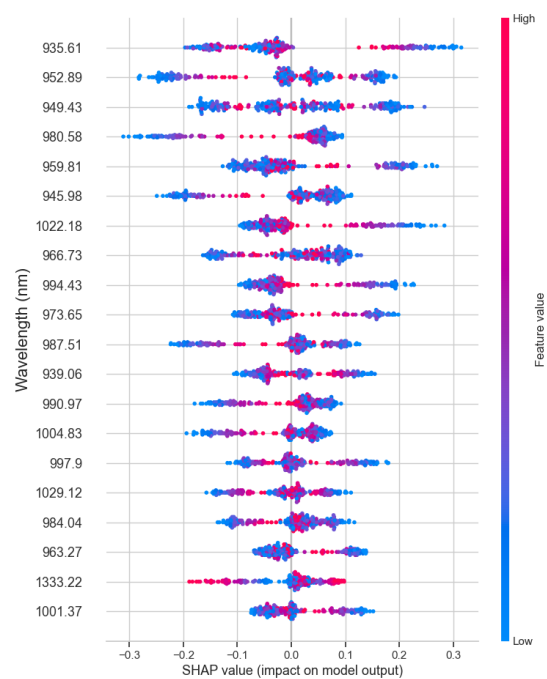


Figure S1. SHAP feature importance plot for predicting wood species; (a), (c), (e) represent PLS-DA, XGBoost and CNN in VNIR, (b), (d), (f) represent PLS-DA, XGBoost and CNN in SWIR