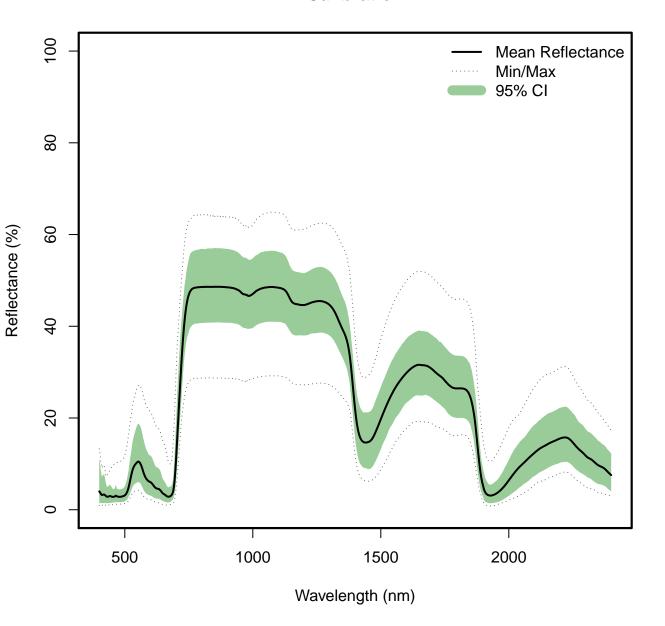
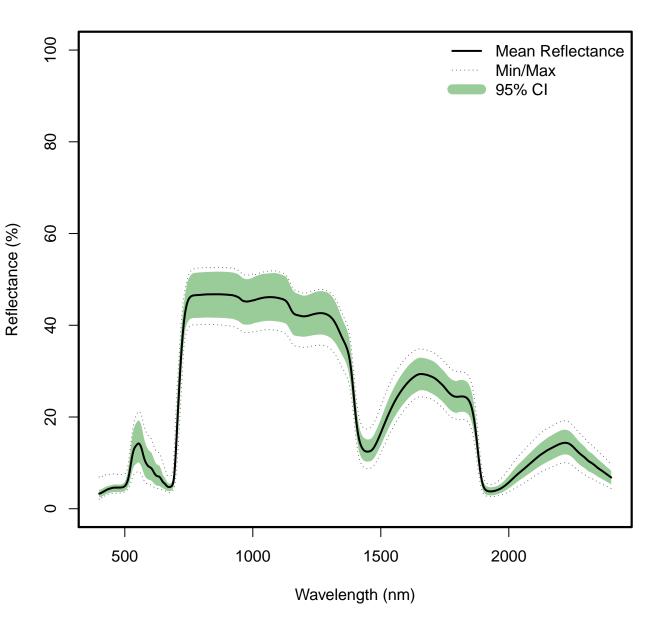


## **Calibration**



## **Validation**



Calibration: Rsq = 0.73; RMSEP = 0.812.5 10.0 -Observed sqrt\_Vcmax25 (units) dataset Albert\_et\_al\_2018 Burnett\_et\_al\_2019 Lamour\_et\_al\_2021 7.5 -Rogers\_et\_al\_2017 Wu\_et\_al\_2019 Yan\_et\_al\_2021 5.0 2.5 -2.5 5.0 7.5 10.0 12.5 Predicted sqrt\_Vcmax25 (units)

Validation: Rsq = 0.54; RMSEP = 0.65; nComps = 19 12.5 10.0 -Observed sqrt\_Vcmax25 (units) dataset 7.5 **-**Barnes\_et\_al\_2017 5.0 -2.5 -0 7.5 10.0 Predicted sqrt\_Vcmax25 (units) 2.5 5.0 10.0 12.5

