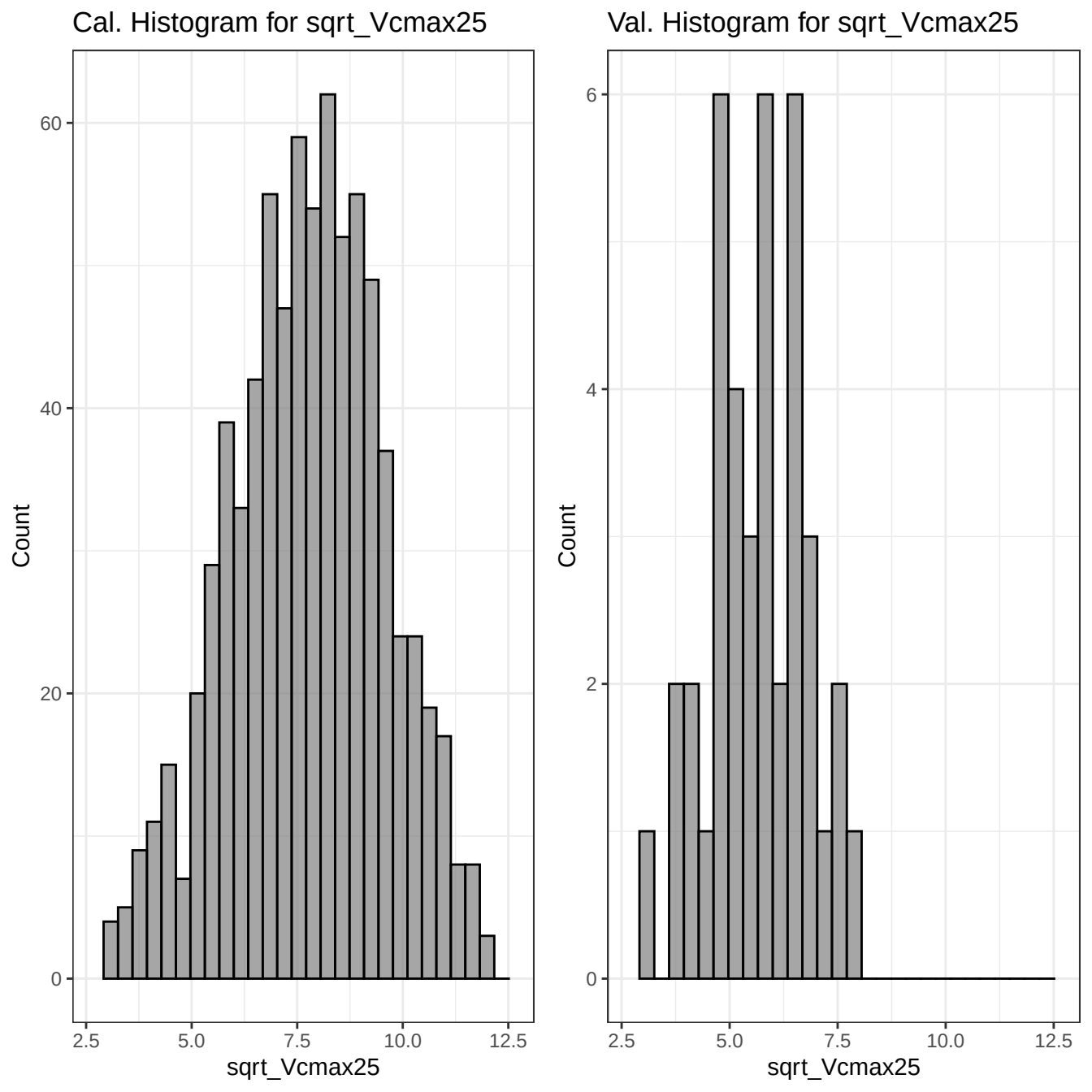
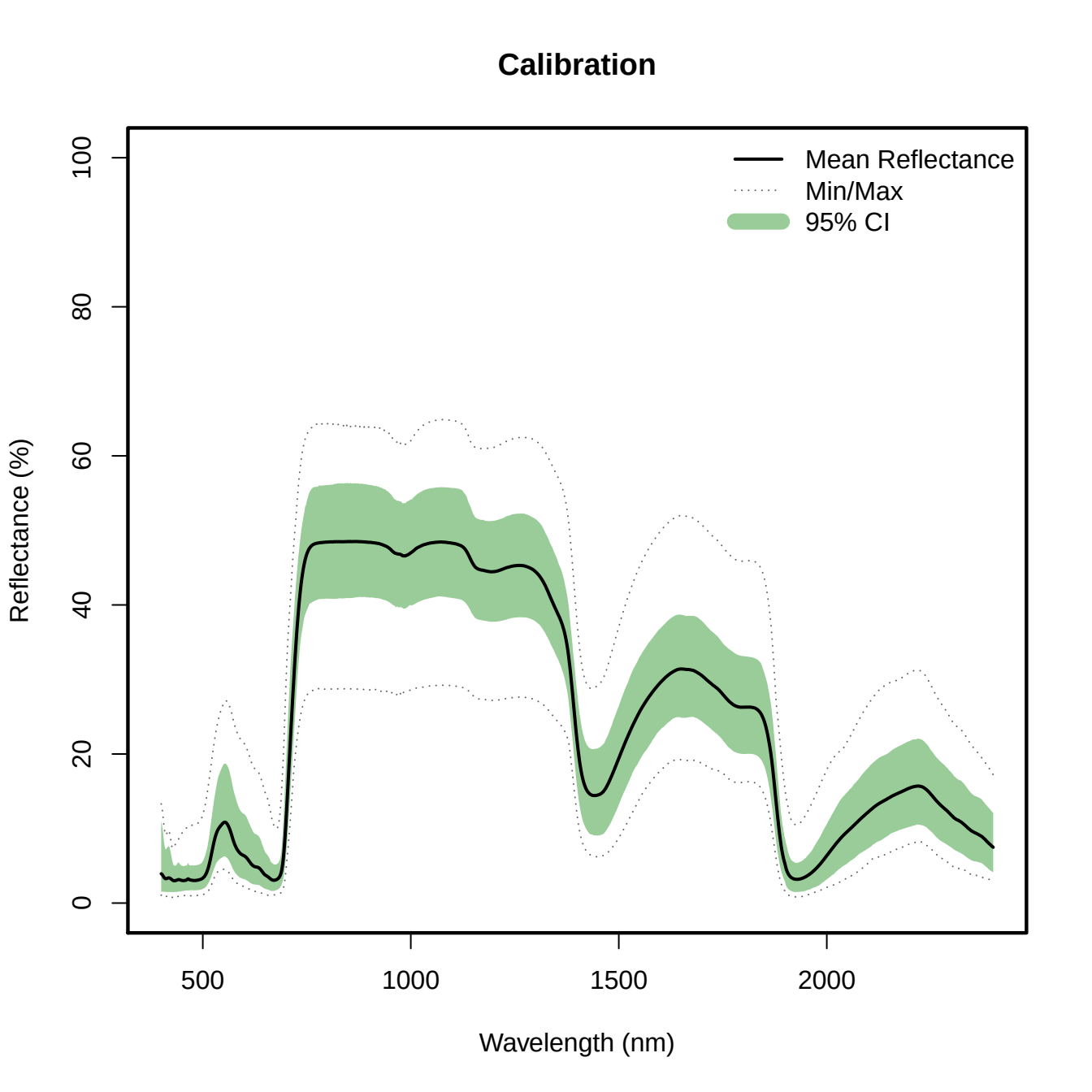
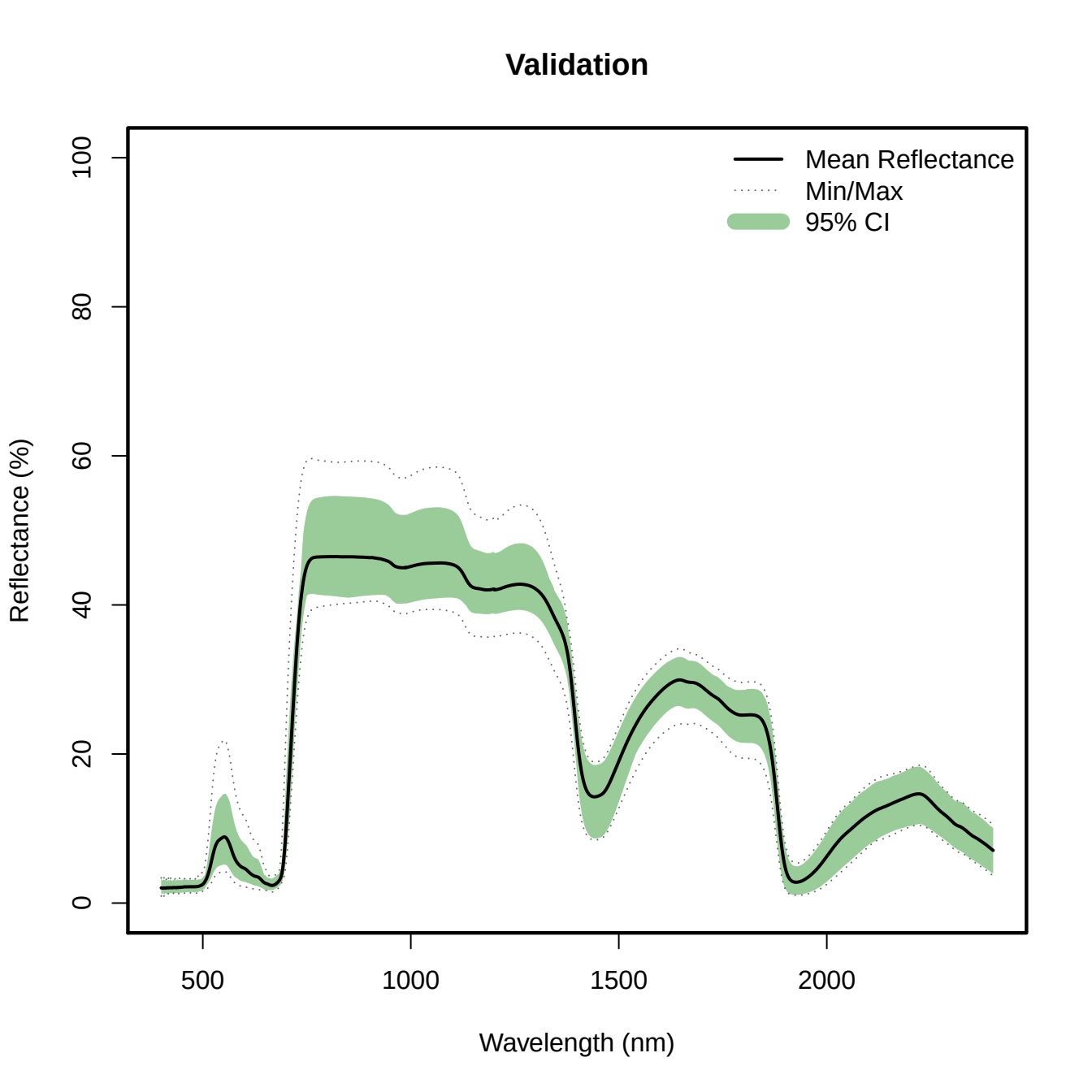
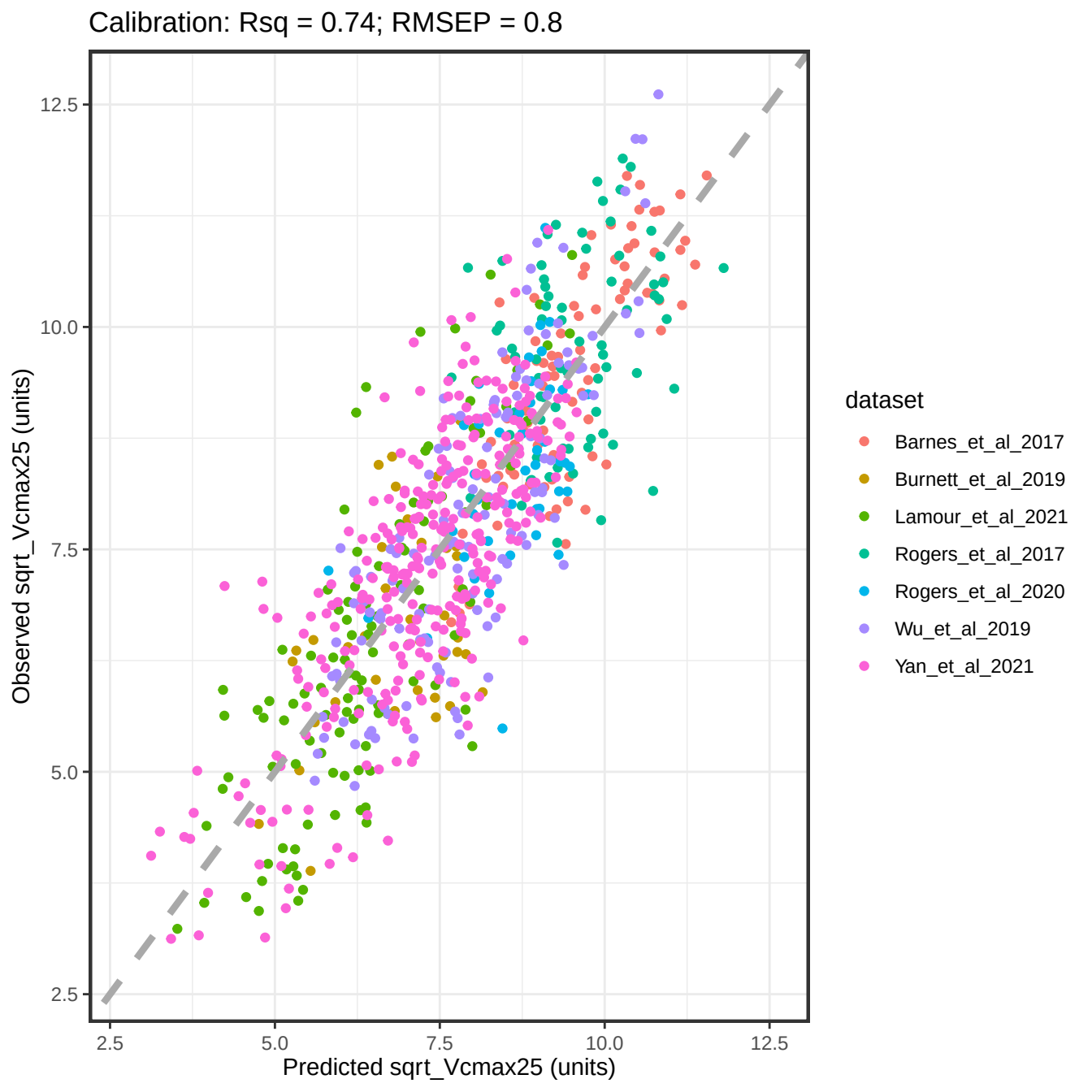
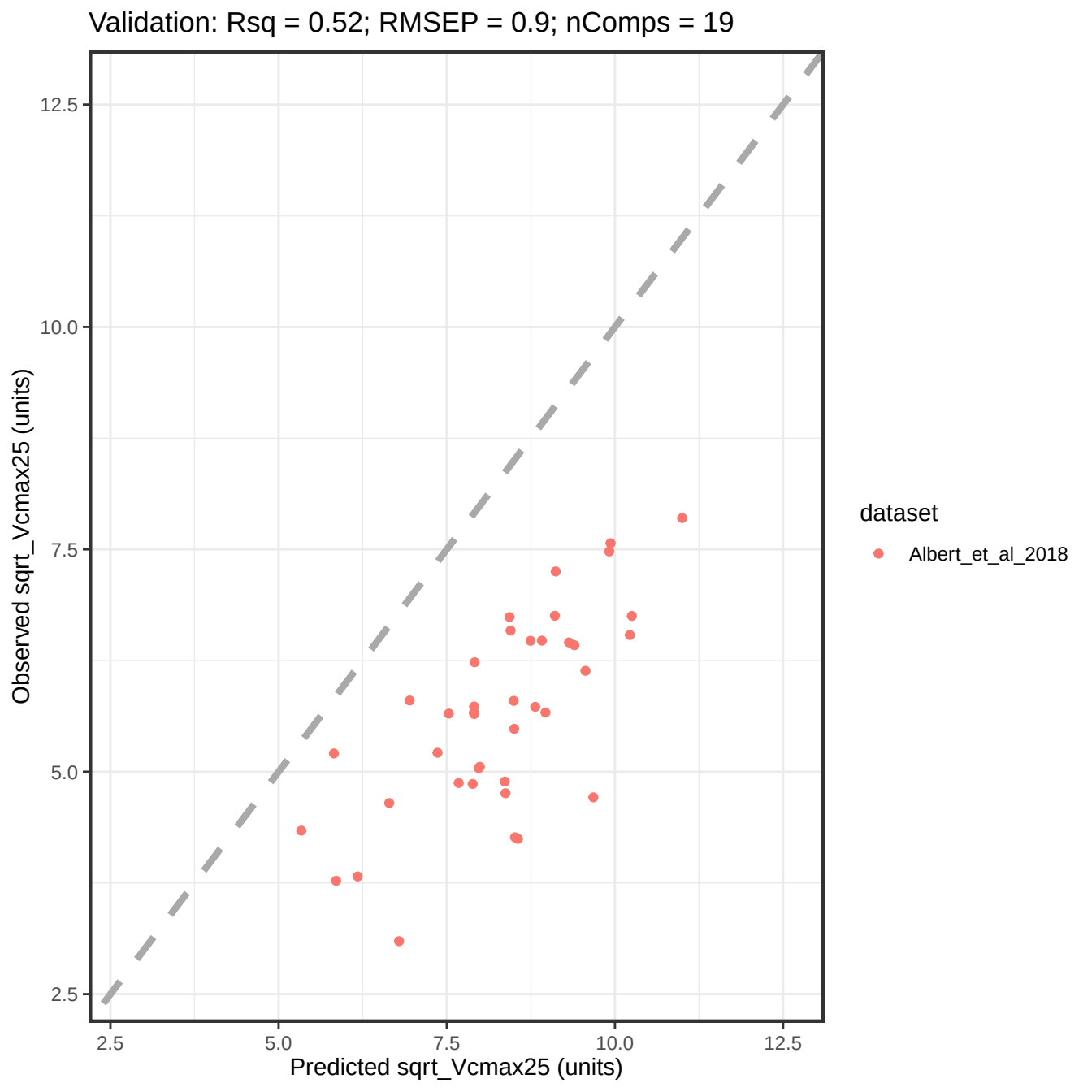
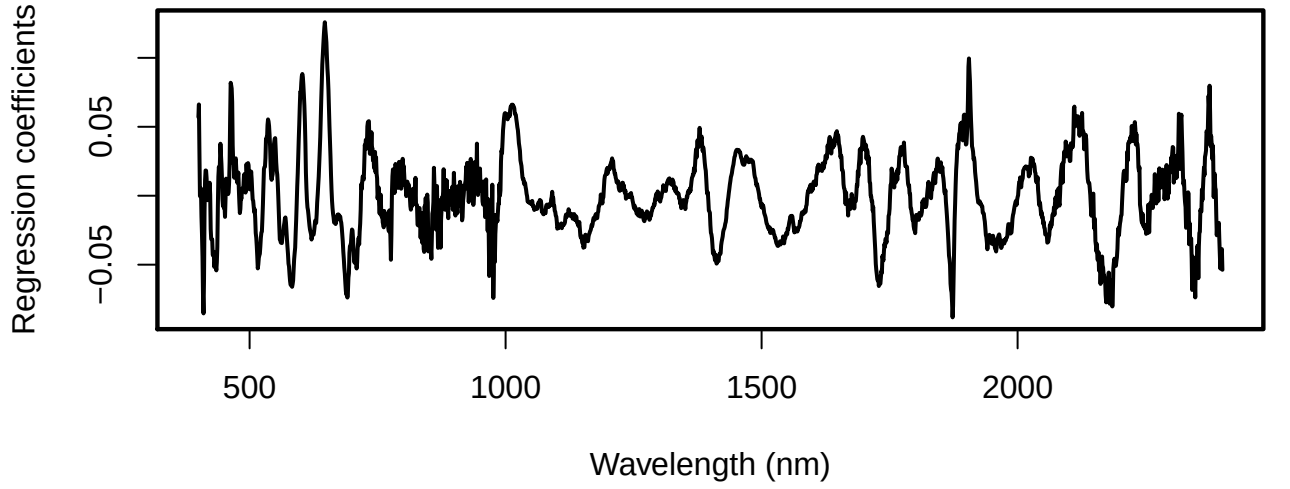

Cal. Histogram for sqrt_Vcmax25
Val. Histogram for sqrt_Vcmax25
Count
sqrt_Vcmax25
0
20
40
60
2
4
6
2.5
5.0
7.5
10.0
12.5

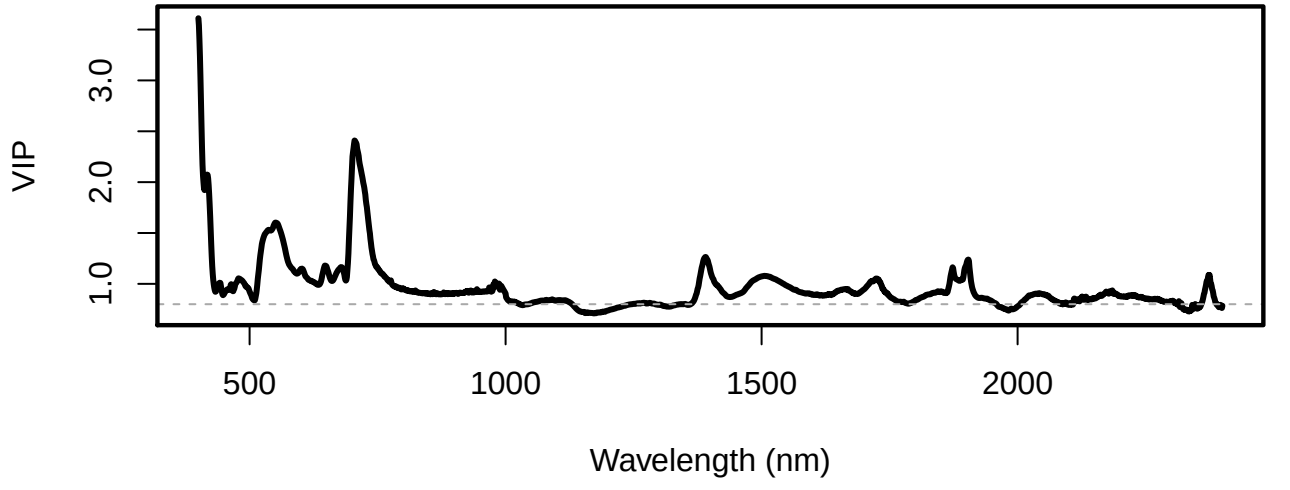

Calibration
Mean Reflectance
Min/Max
95% CI
Reflectance (%)
0
20
40
60
80
100
500
1000
1500
2000
Wavelength (nm)


Validation
Mean Reflectance
Min/Max
95% CI
Reflectance (%)
0
20
40
60
80
100
500
1000
1500
2000
Wavelength (nm)


Calibration: Rsq = 0.74; RMSEP = 0.8
Observed sqrt_Vcmax25 (units)
Predicted sqrt_Vcmax25 (units)
2.5
5.0
7.5
10.0
12.5
dataset
Barnes_et_al_2017
Burnett_et_al_2019
Lamour_et_al_2021
Rogers_et_al_2017
Rogers_et_al_2020
Wu_et_al_2019
Yan_et_al_2021


Validation: Rsq = 0.52; RMSEP = 0.9; nComps = 19
Observed sqrt_Vcmax25 (units)
Predicted sqrt_Vcmax25 (units)
2.5
5.0
7.5
10.0
12.5
dataset
Albert_et_al_2018


Regression coefficients
0.05
−0.05
500
1000
1500
2000
Wavelength (nm)


VIP
3.0
2.0
1.0
500
1000
1500
2000
Wavelength (nm)