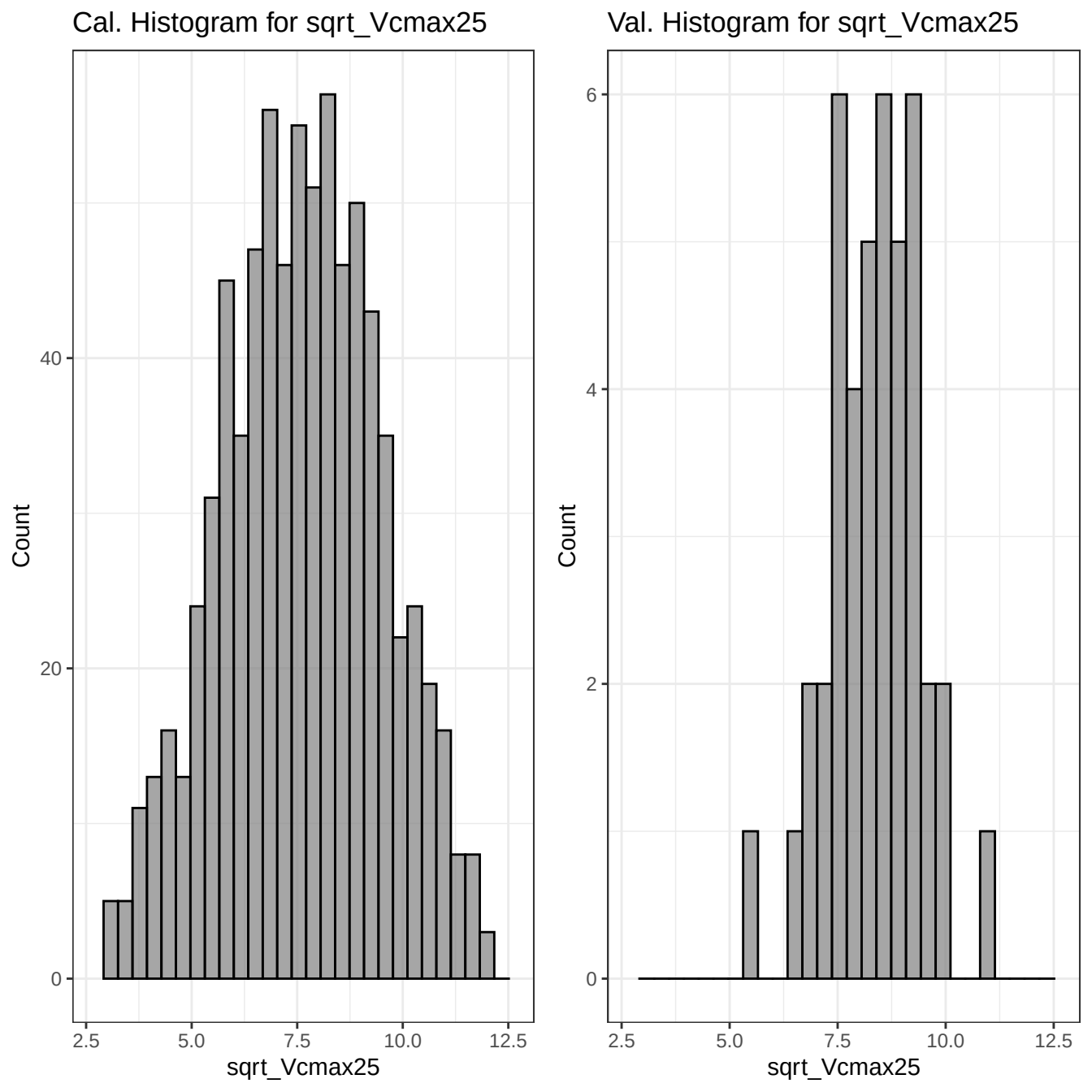
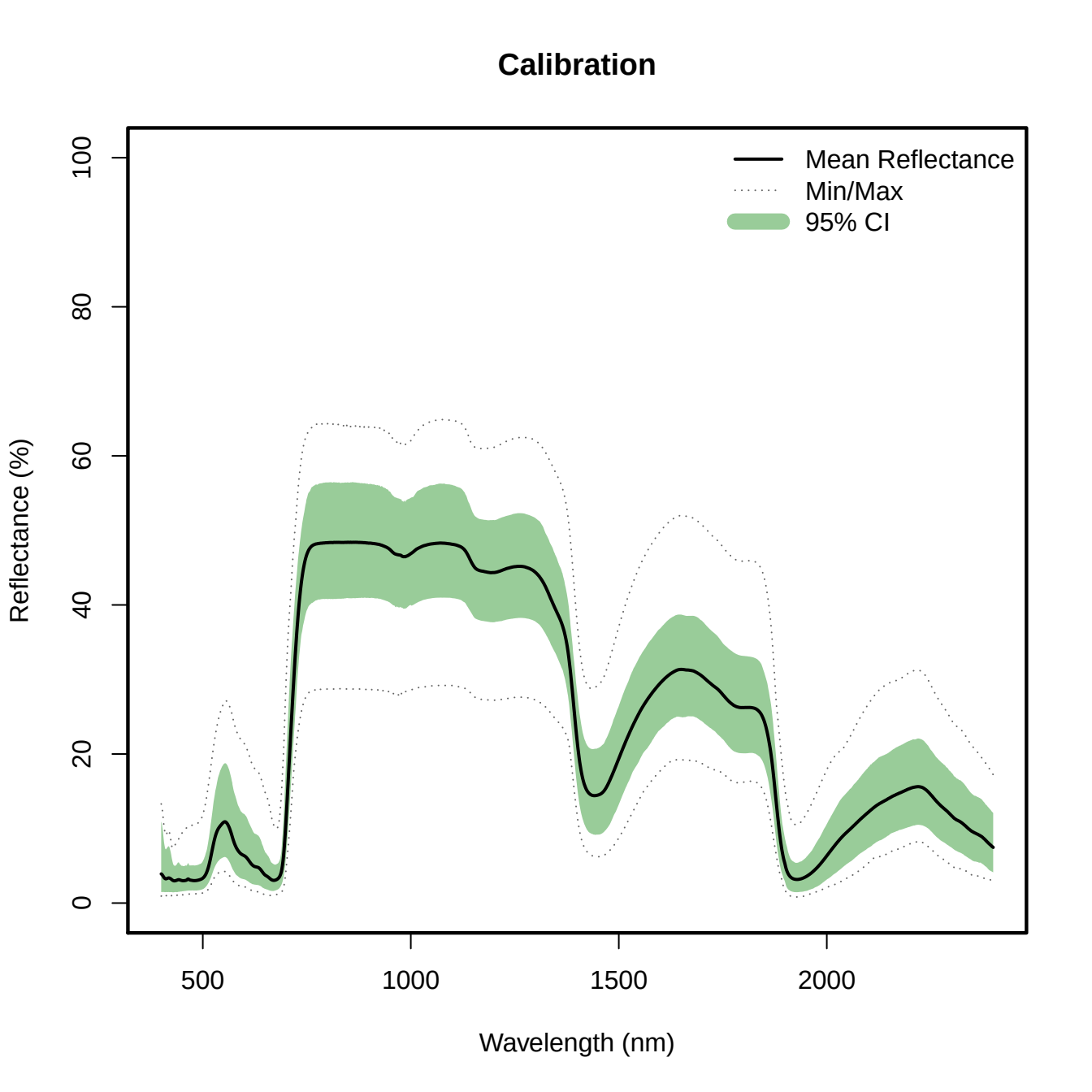
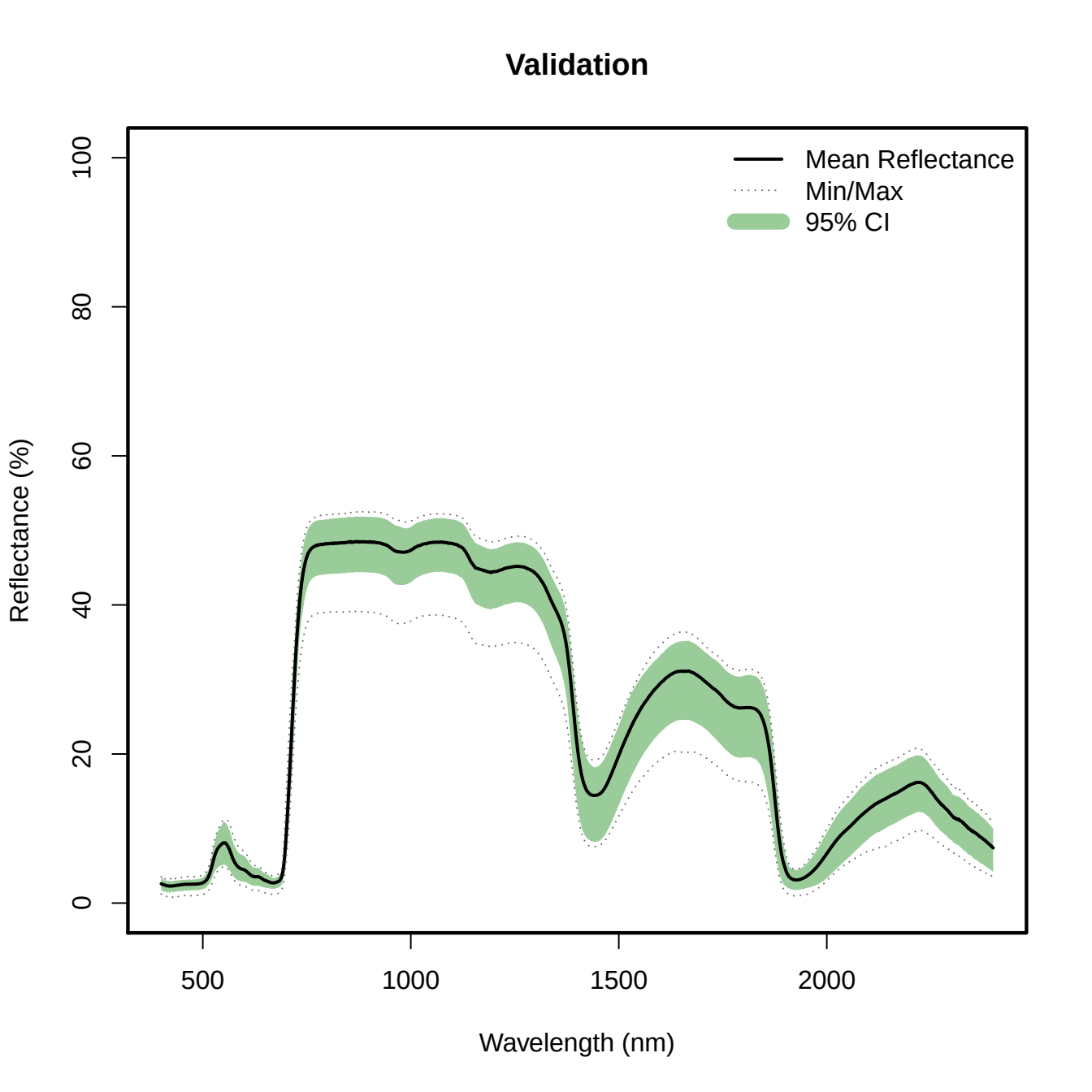
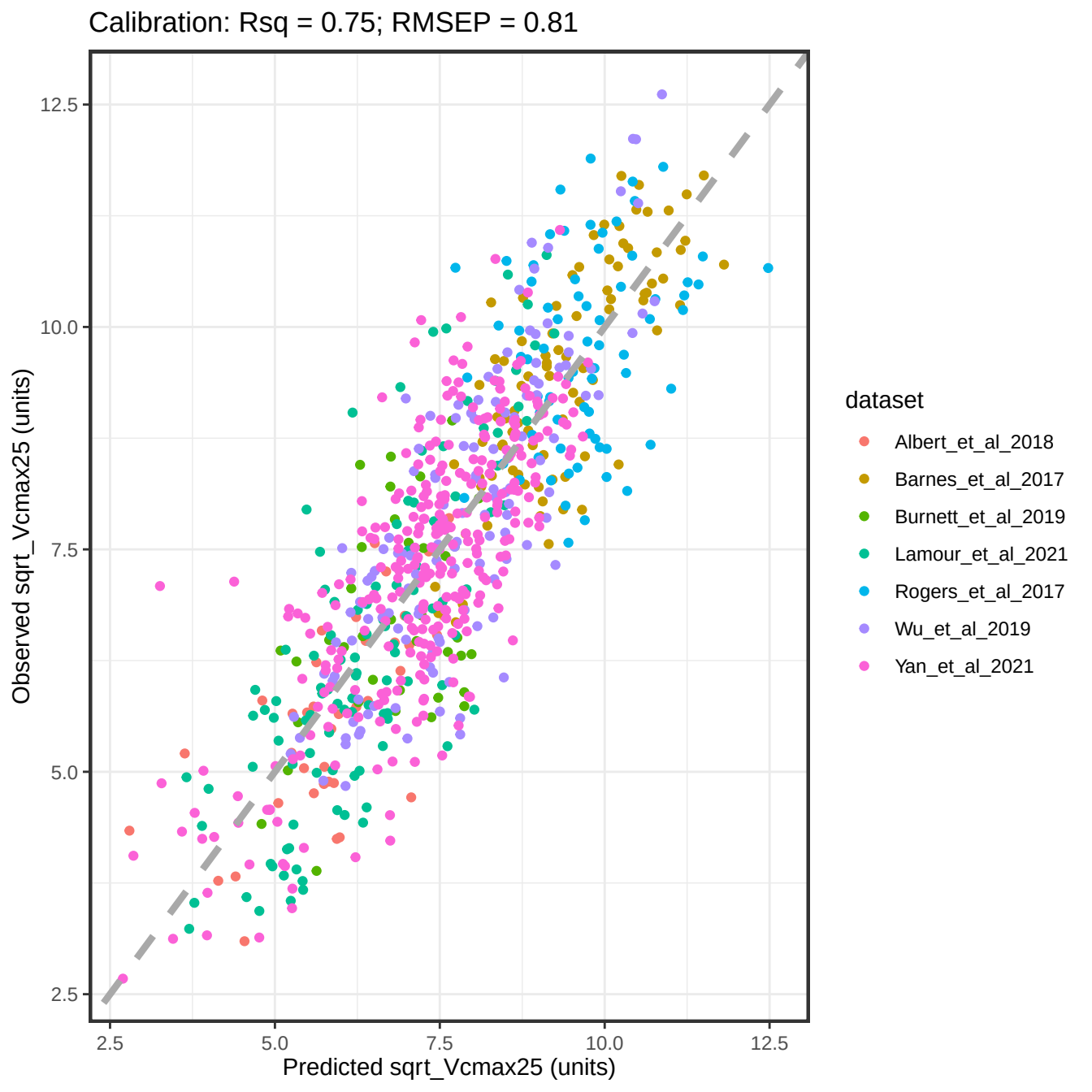
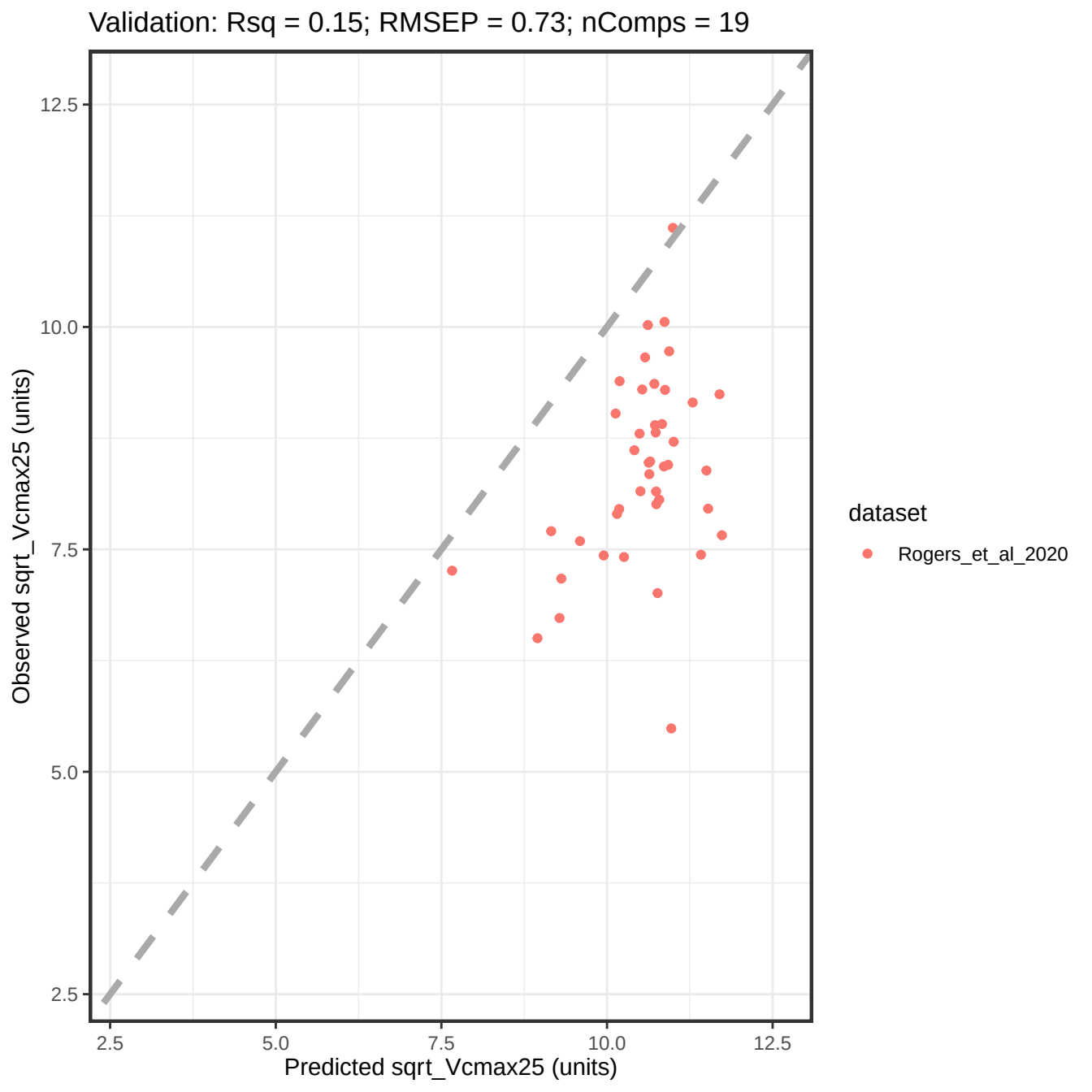
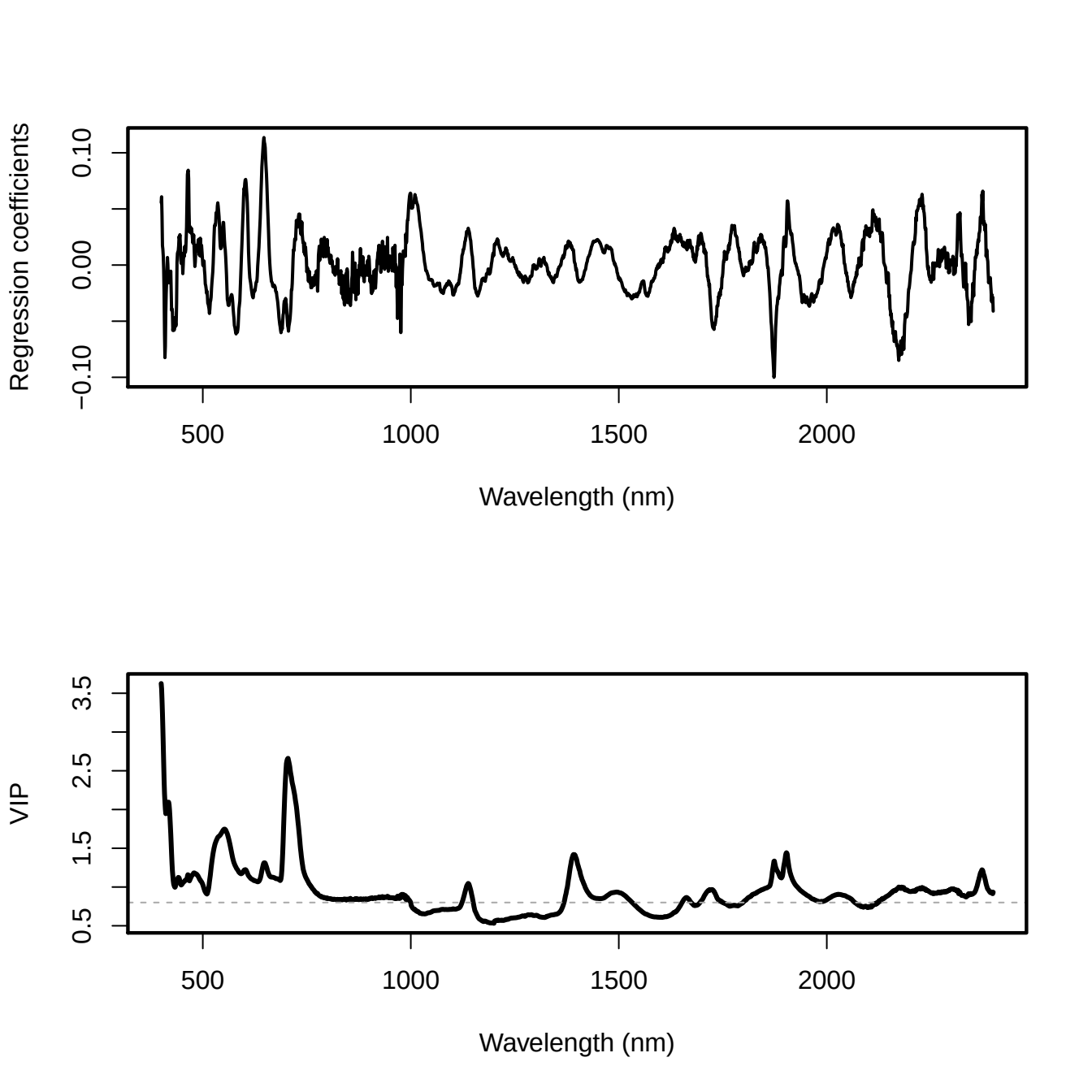

Cal. Histogram for sqrt_Vcmax25
Count
40
20
0
2.5
5.0
7.5
10.0
12.5
sqrt_Vcmax25
Val. Histogram for sqrt_Vcmax25
Count
6
4
2
0
2.5
5.0
7.5
10.0
12.5
sqrt_Vcmax25


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 = 0.75; RMSEP = 0.81
Observed sqrt_Vcmax25 (units)
Predicted sqrt_Vcmax25 (units)
2.5
5.0
7.5
10.0
12.5
dataset
Albert_et_al_2018
Barnes_et_al_2017
Burnett_et_al_2019
Lamour_et_al_2021
Rogers_et_al_2017
Wu_et_al_2019
Yan_et_al_2021


Validation: Rsq = 0.15; RMSEP = 0.73; nComps = 19
Observed sqrt_Vcmax25 (units)
Predicted sqrt_Vcmax25 (units)
12.5
10.0
7.5
5.0
2.5
2.5
5.0
7.5
10.0
12.5
dataset
Rogers_et_al_2020


Regression coefficients
0.10
0.00
−0.10
500
1000
1500
2000
Wavelength (nm)
VIP
3.5
2.5
1.5
0.5
500
1000
1500
2000
Wavelength (nm)