

Table S1. Summary statistics of the residuals for the Random Forest (RF), Support Vector Regression (SVR), and Extreme Gradient Boosting (XGB) models trained with spectral bands (SDBs) and vegetation indices (VIs) for predicting the relative chlorophyll content (RCC), dry matter (DM) and relative water content (RWC). The table reports the minimum (Min), median, mean, third quartile (3rd Qu.), and maximum (Max) residual values.

			Min	Median	Mean	3rd Qu.	Max
SDBs	RCC	RF	-209.681	19.124	-4.838	48.620	182.386
		SVR	-144.743	15.865	2.438	61.623	199.675
		XGB	-185.128	-7.513	2.979	60.034	204.296
	DM	RF	-0.065	0.008	0.012	0.039	0.088
		SVR	-0.085	0.006	0.001	0.047	0.129
		XGB	-0.068	-0.007	0.007	0.032	0.188
	RWC	RF	-0.188	0.017	-0.007	0.052	0.153
		SVR	-0.551	0.027	0.019	0.135	0.293
		XGB	-0.449	-0.025	-0.036	0.036	0.303
VIs	RCC	RF	-132.244	12.178	-0.242	45.675	162.648
		SVR	-194.390	2.151	0.736	76.438	211.766
		XGB	-161.298	-1.015	10.912	69.716	180.410
	DM	RF	-0.039	0.001	0.002	0.019	0.045
		SVR	-0.107	-0.004	0.002	0.040	0.125
		XGB	-0.116	-0.007	-0.007	0.034	0.108
	RWC	RF	-0.264	0.018	-0.003	0.081	0.215
		SVR	-0.408	0.062	0.007	0.147	0.330
		XGB	-0.390	0.001	-0.033	0.040	0.253