

Sentinel + EOS Data Results

Dataset	Model	Satellite	MAE	MSE	RMSE	
VV+VH+Angle	RandomForest	Sentinel	9.23525	123.755	11.1245	-0
VV+VH+Angle	XGBoost	Sentinel	9.16277	121.798	11.0362	-0
VV+VH+Angle	AdaBoost	Sentinel	9.00312	117.081	10.8204	-0.0
VV+VH+Angle	SVR	Sentinel	0.0328974	0.00157254	0.0396553	-
VV+VH	RandomForest	Sentinel	9.12309	125.178	11.1883	-0
VV+VH	XGBoost	Sentinel	8.91346	118.515	10.8865	-0.0
VV+VH	AdaBoost	Sentinel	9.20569	126.839	11.2623	-0
VV+VH	SVR	Sentinel	0.0347776	0.00182927	0.0427699	-0
VV+VH+Angle+Day+Month+Year	RandomForest	Sentinel	9.57319	130.234	11.412	-0
VV+VH+Angle+Day+Month+Year	XGBoost	Sentinel	9.14911	120.266	10.9666	-0.0
VV+VH+Angle+Day+Month+Year	AdaBoost	Sentinel	10.0207	145.736	12.0721	-0
VV+VH+Angle+Day+Month+Year	SVR	Sentinel	0.0340326	0.00166139	0.0407602	-0
HH+HV	RandomForest	EOS	8.74263	113.871	10.671	0.00
HH+HV	XGBoost	EOS	9.61062	141.153	11.8808	-0
HH+HV	AdaBoost	EOS	8.70476	111.918	10.5791	0.0
HH+HV	SVR	EOS	0.0341364	0.00171522	0.0414152	-
HH+HV+Day+Month+Year	RandomForest	EOS	8.88461	116.561	10.7963	-
HH+HV+Day+Month+Year	XGBoost	EOS	9.25856	126.51	11.2477	-0
HH+HV+Day+Month+Year	AdaBoost	EOS	9.28305	126.419	11.2436	-0
HH+HV+Day+Month+Year	SVR	EOS	0.0475503	0.00324035	0.0569241	-