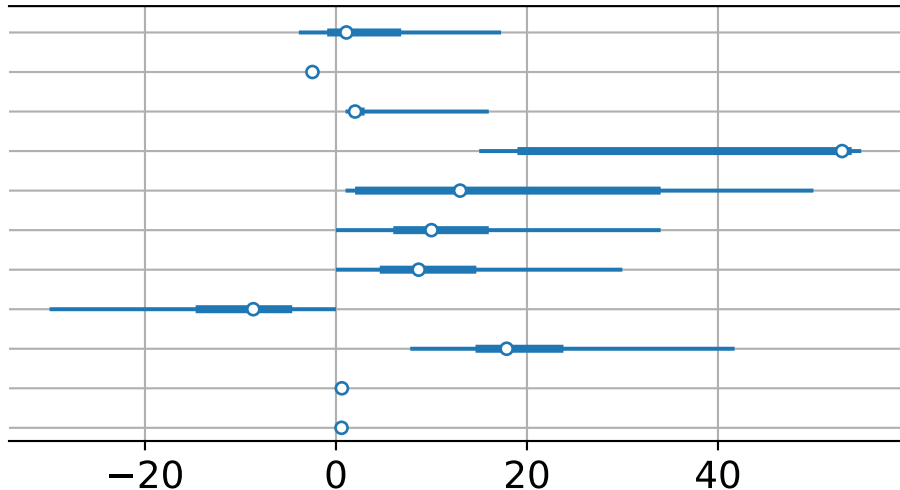


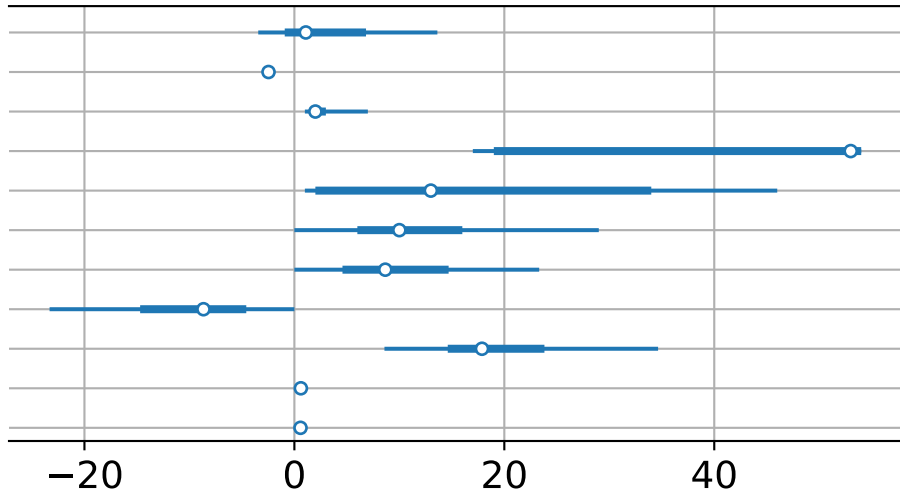
# 95.0% HDI

alpha0  
alpha1  
ndow1  
lag1  
ndow0  
lag0  
ebeta0  
beta0  
beta1  
shold0  
shold1

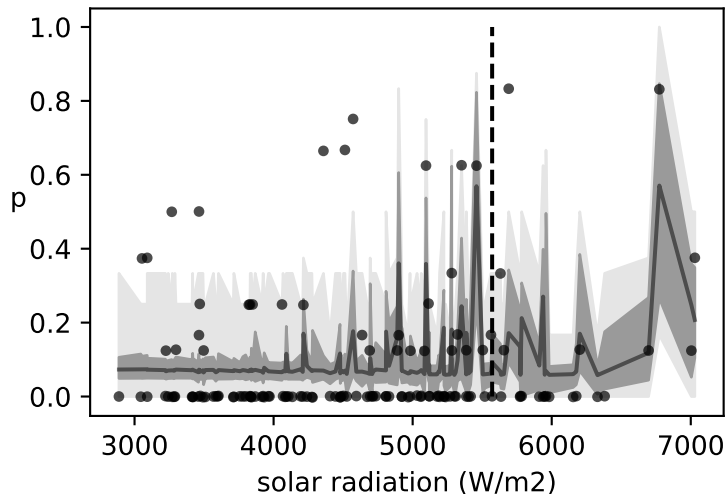


# 90.0% HDI

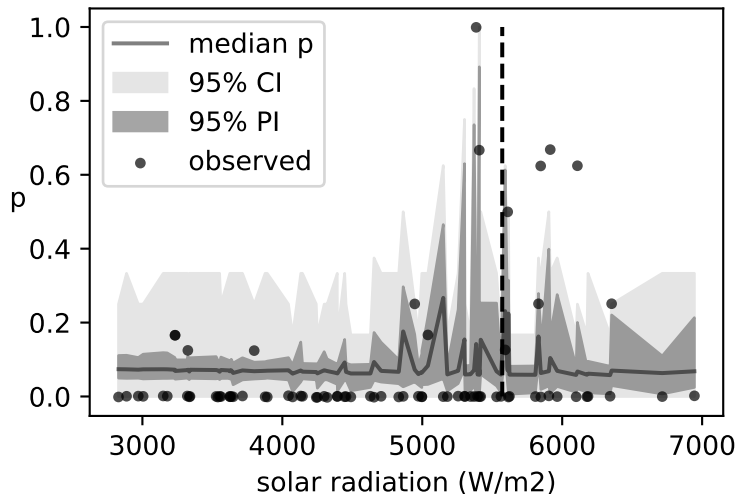
alpha0  
alpha1  
ndow1  
lag1  
ndow0  
lag0  
ebeta0  
beta0  
beta1  
shold0  
shold1



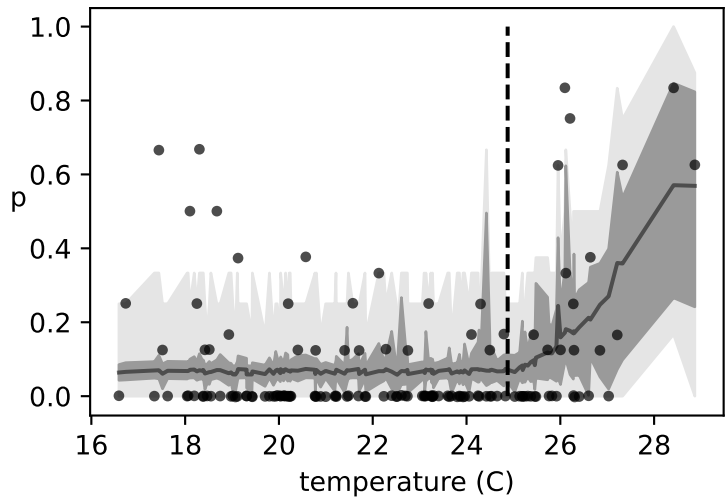
### Rahiaka training



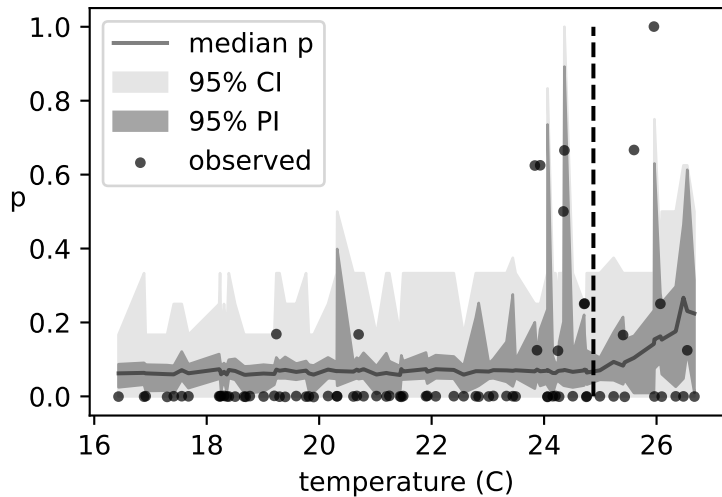
### Rahiaka validation



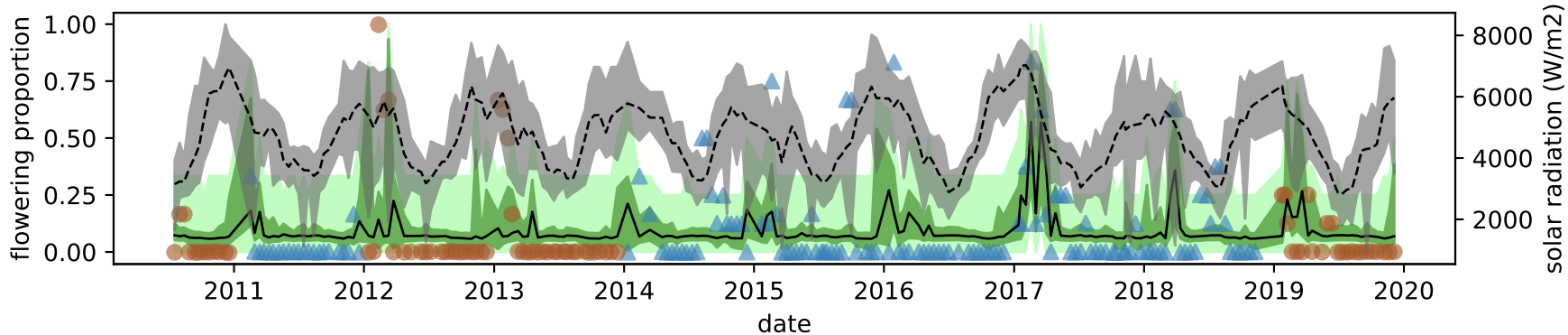
### Rahiaka training



### Rahiaka validation

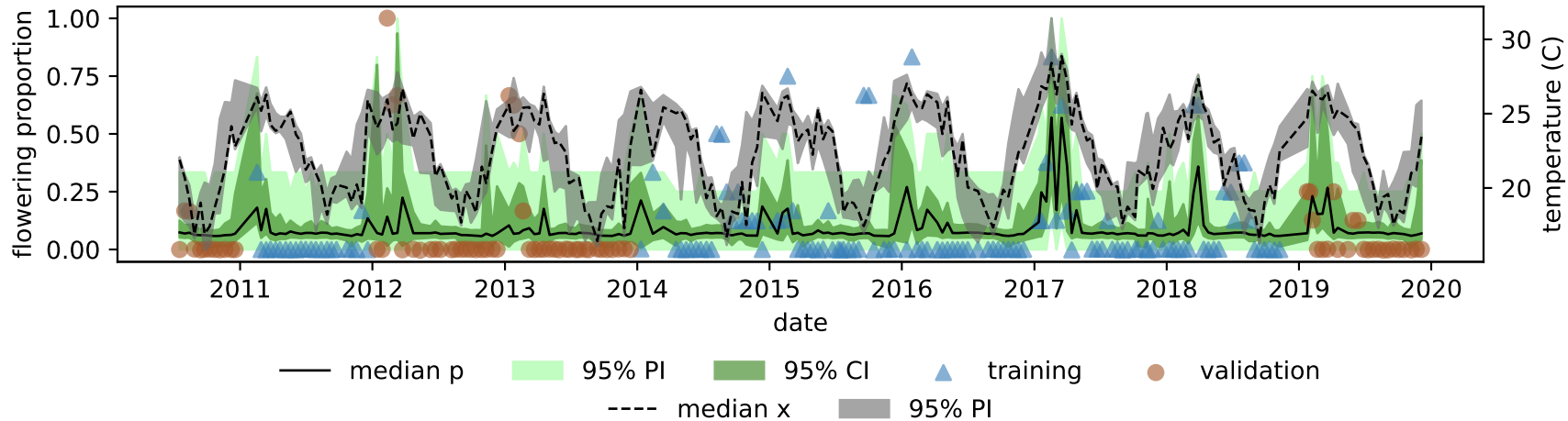


# Rahiaka

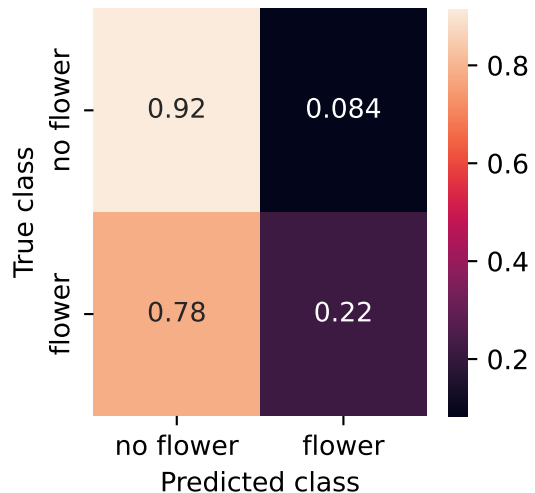


— median p    95% PI    95% CI    ▲ training    ● validation  
---- median x    95% PI

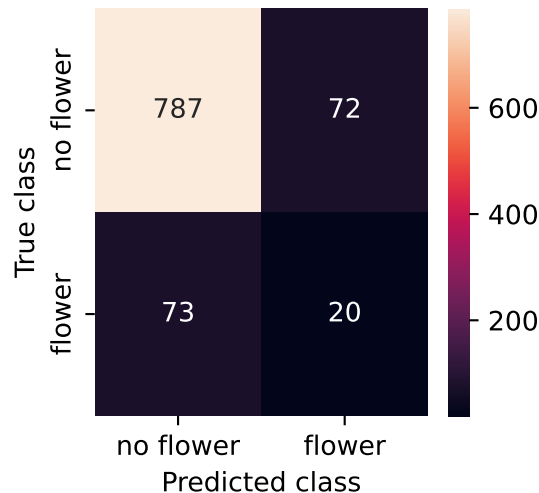
# Rahiaka



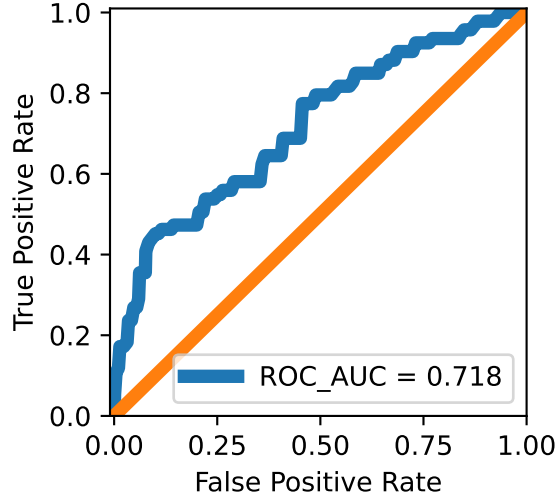
Confusion matrix



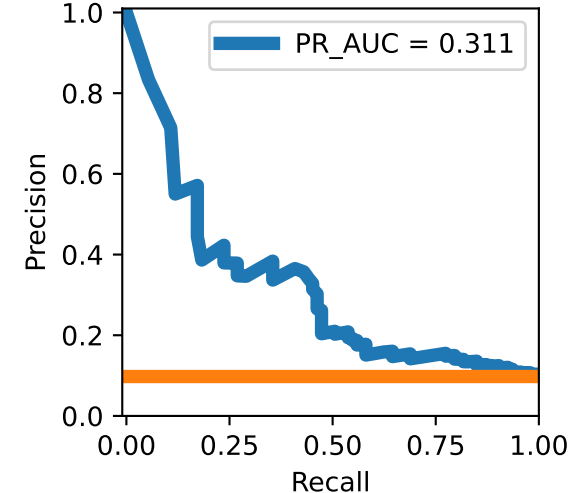
Confusion matrix



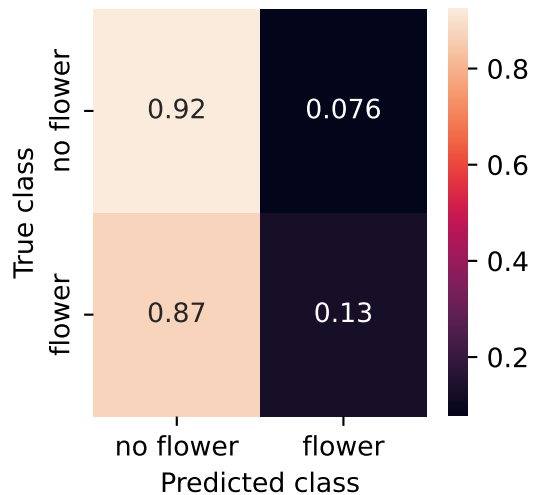
ROC



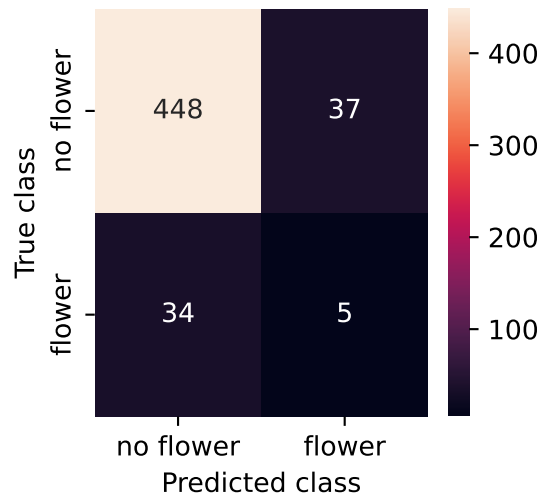
PR curve



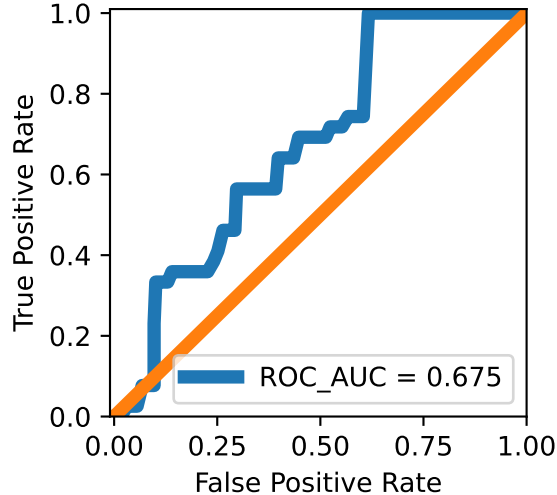
Confusion matrix



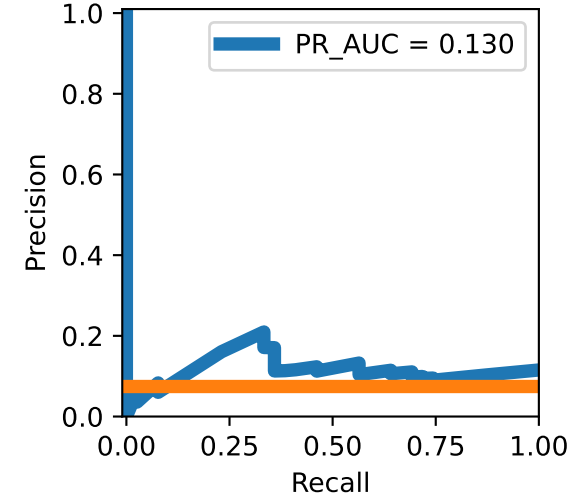
Confusion matrix



ROC



PR curve



	train_precision	train_recall	train_f1-score	train_support	valid_precision	valid_recall	valid_f1-score	valid_support
0.0	0.915	0.916	0.916	859.0	0.929	0.924	0.927	485.0
1.0	0.217	0.215	0.216	93.0	0.119	0.128	0.123	39.0
accuracy	0.848	0.848	0.848	0.848	0.865	0.865	0.865	0.865
macro avg	0.566	0.566	0.566	952.0	0.524	0.526	0.525	524.0
weighted avg	0.847	0.848	0.847	952.0	0.869	0.865	0.867	524.0

	median	mean	sd	hdi_3%	hdi_97%	mcse_mean	mcse_sd	ess_bulk	ess_tail	r_hat
alpha0	1.091	3.648	6.278	-3.779	16.378	1.607	1.159	8.0	32.0	1.43
alpha1	-2.463	-2.404	0.314	-2.922	-1.804	0.069	0.051	21.0	399.0	1.13
window1	2.0	4.855	9.666	1.0	9.0	2.639	1.908	21.0	12.0	1.2
lag1	53.0	42.774	16.324	16.0	55.0	7.561	5.76	7.0	36.0	1.54
window0	13.0	18.638	17.446	1.0	49.0	5.036	3.652	9.0	8.0	1.35
lag0	10.0	12.598	10.561	0.0	33.0	0.563	0.764	646.0	668.0	1.36
prebeta0	8.659	11.147	9.736	0.0	28.189	0.092	0.065	554.0	665.0	1.03
beta0	-8.659	-11.147	9.736	-28.189	-0.0	0.092	0.065	554.0	665.0	1.03
beta1	17.873	20.766	9.92	7.87	39.68	1.657	1.182	48.0	124.0	1.06
threshold0	5571.579	5222.159	2480.719	1195.669	8846.0	0.052	0.037	29.0	403.0	1.08
threshold1	24.877	24.792	15.251	23.748	25.646	0.009	0.007	11.0	59.0	1.25

	lower_95	upper_95	lower_90	upper_90	lower_80	upper_80	lower_50	upper_50
alpha0	-3.889	17.287	-3.442	13.622	-3.153	9.109	-2.524	1.733
alpha1	-2.928	-1.76	-2.871	-1.893	-2.817	-2.055	-2.746	-2.366
window1	1.0	16.0	1.0	7.0	1.0	4.0	1.0	2.0
lag1	15.0	55.0	17.0	54.0	19.0	54.0	53.0	54.0
window0	1.0	50.0	1.0	46.0	1.0	38.0	1.0	13.0
lag0	0.0	34.0	0.0	29.0	0.0	21.0	3.0	10.0
prebeta0	0.0	29.99	0.0	23.321	0.0	16.723	0.186	8.839
beta0	-29.99	-0.0	-23.321	-0.0	-16.723	-0.0	-8.839	-0.186
beta1	7.776	41.742	8.581	34.649	9.689	27.586	12.379	19.74
threshold0	1044.909	8845.993	1813.534	8845.993	3297.036	8845.993	4267.908	7351.73
threshold1	23.681	25.669	23.924	25.575	24.245	25.508	24.7	25.354

	metric	se	p	n_samples	n_datapoints
loo	-182.281	20.671	30.576	80000.0	137.0
waic	-179.561	20.231	27.856	80000.0	137.0
deviance	364.562	41.341	30.576	80000.0	137.0