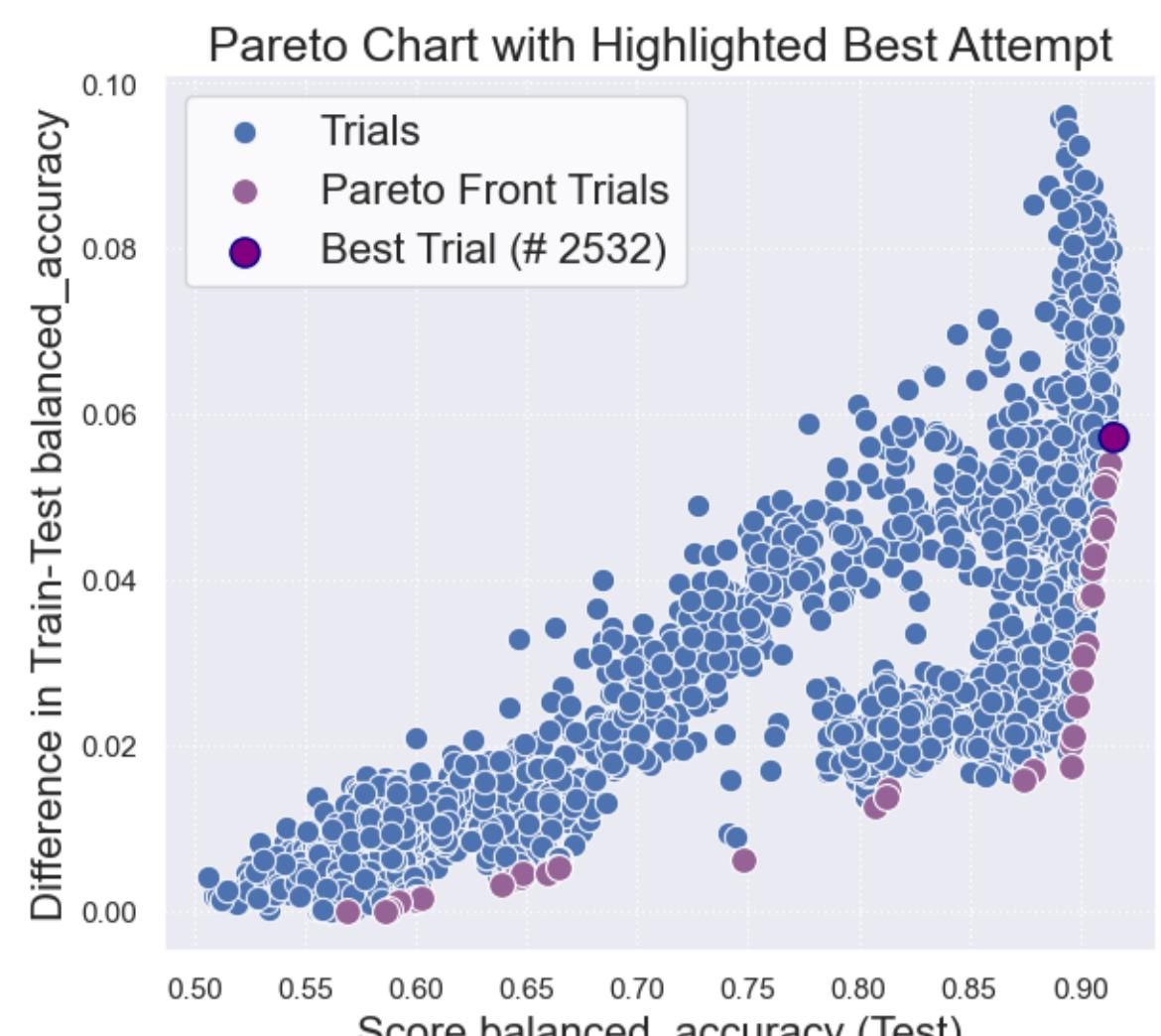
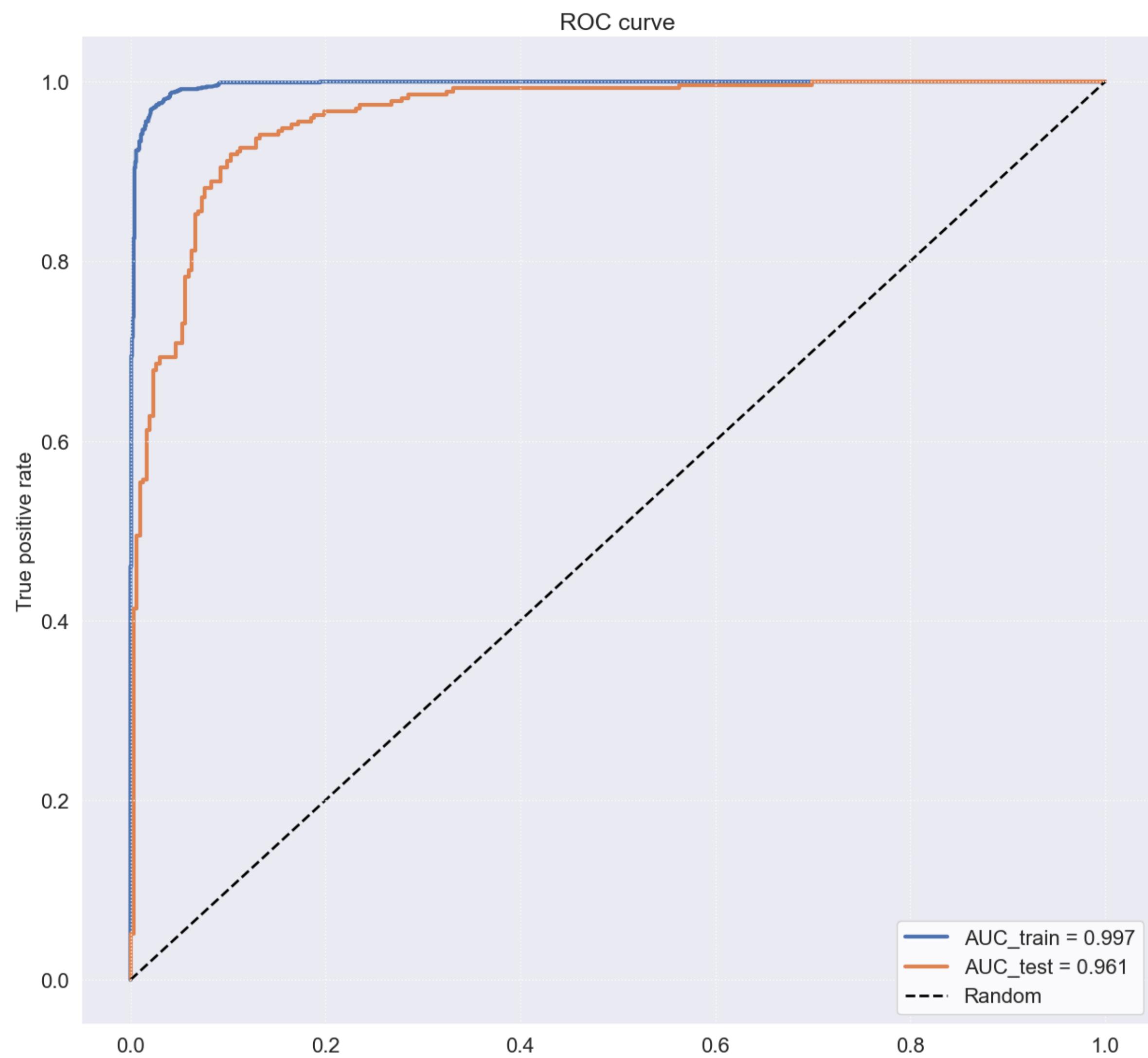
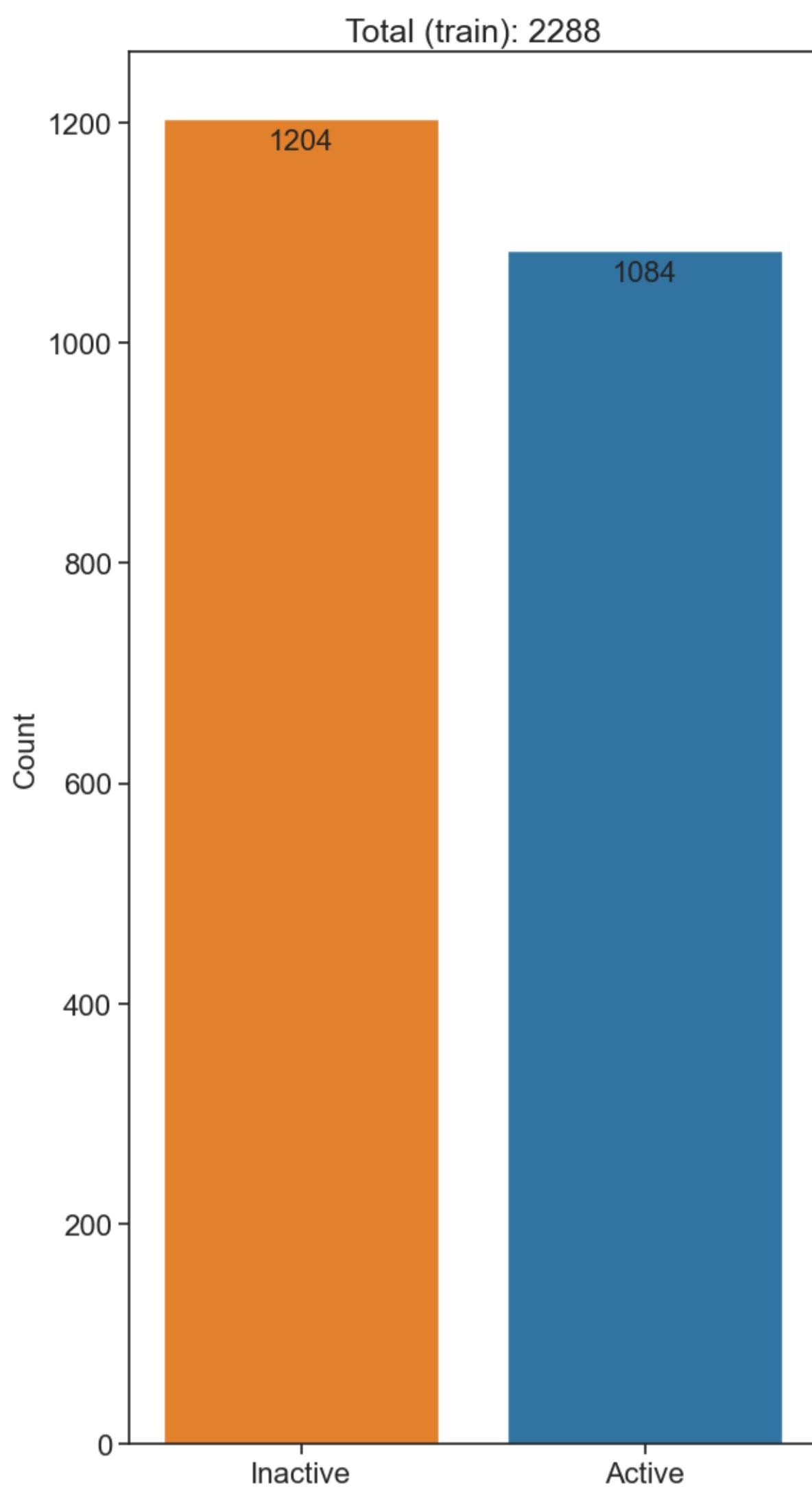
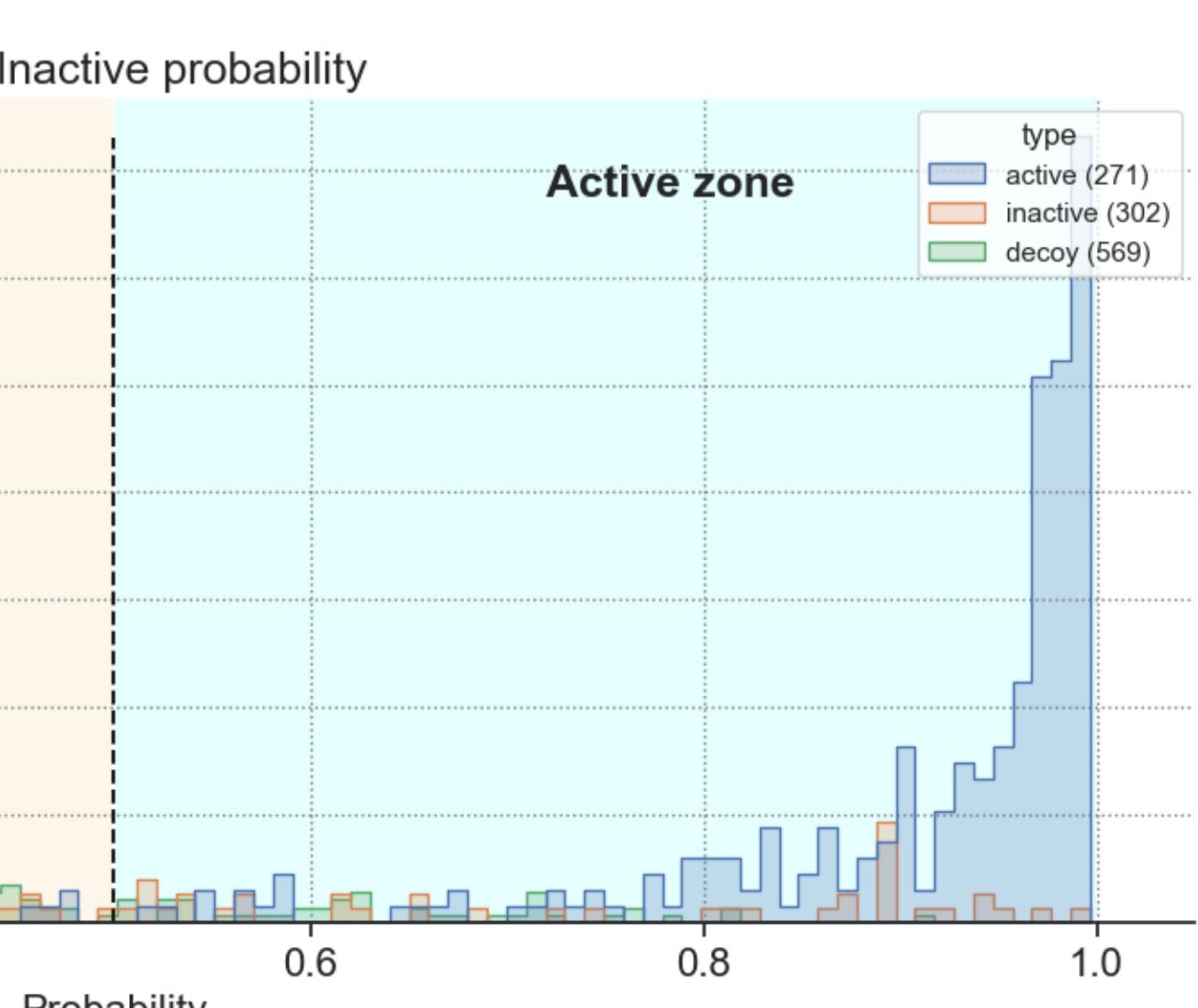
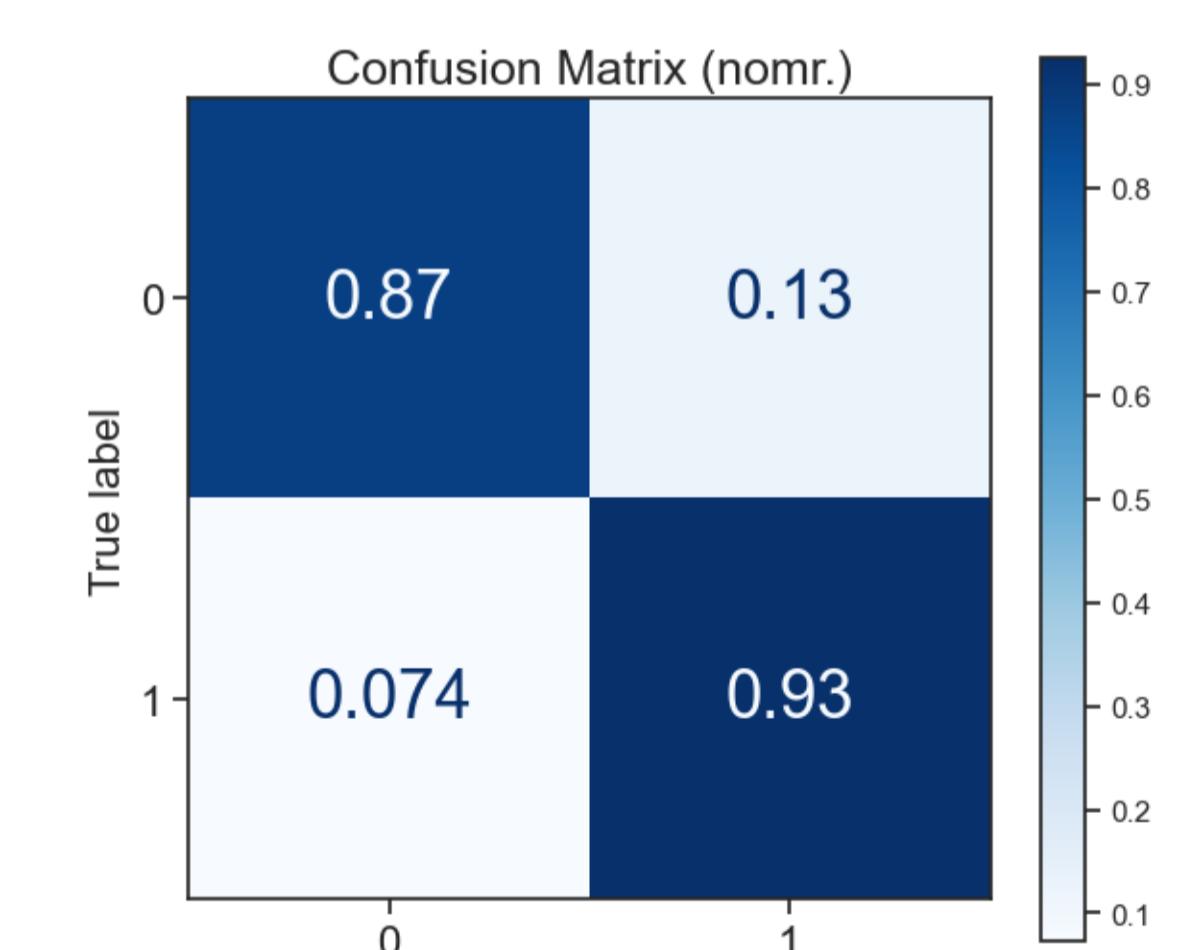
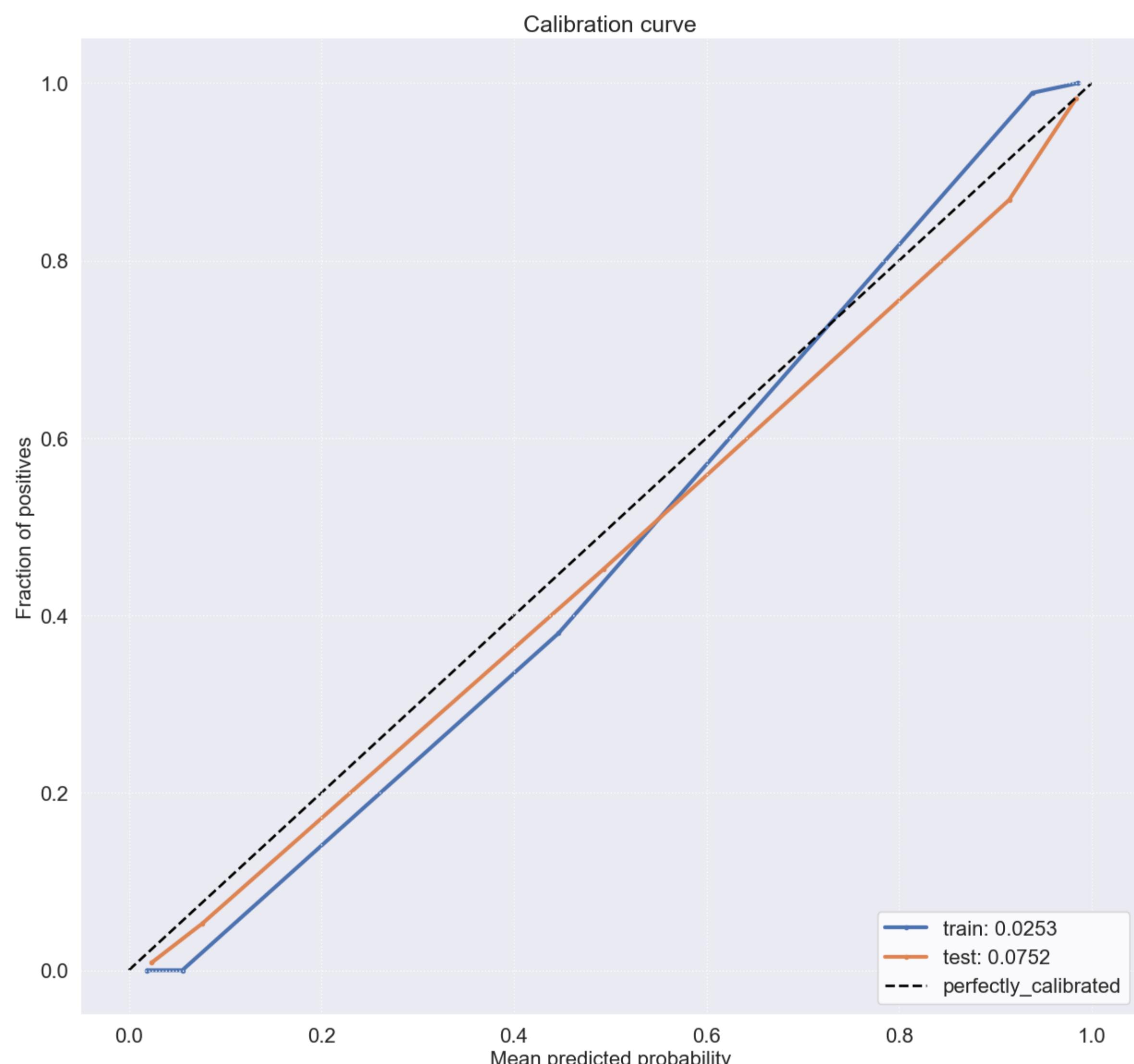
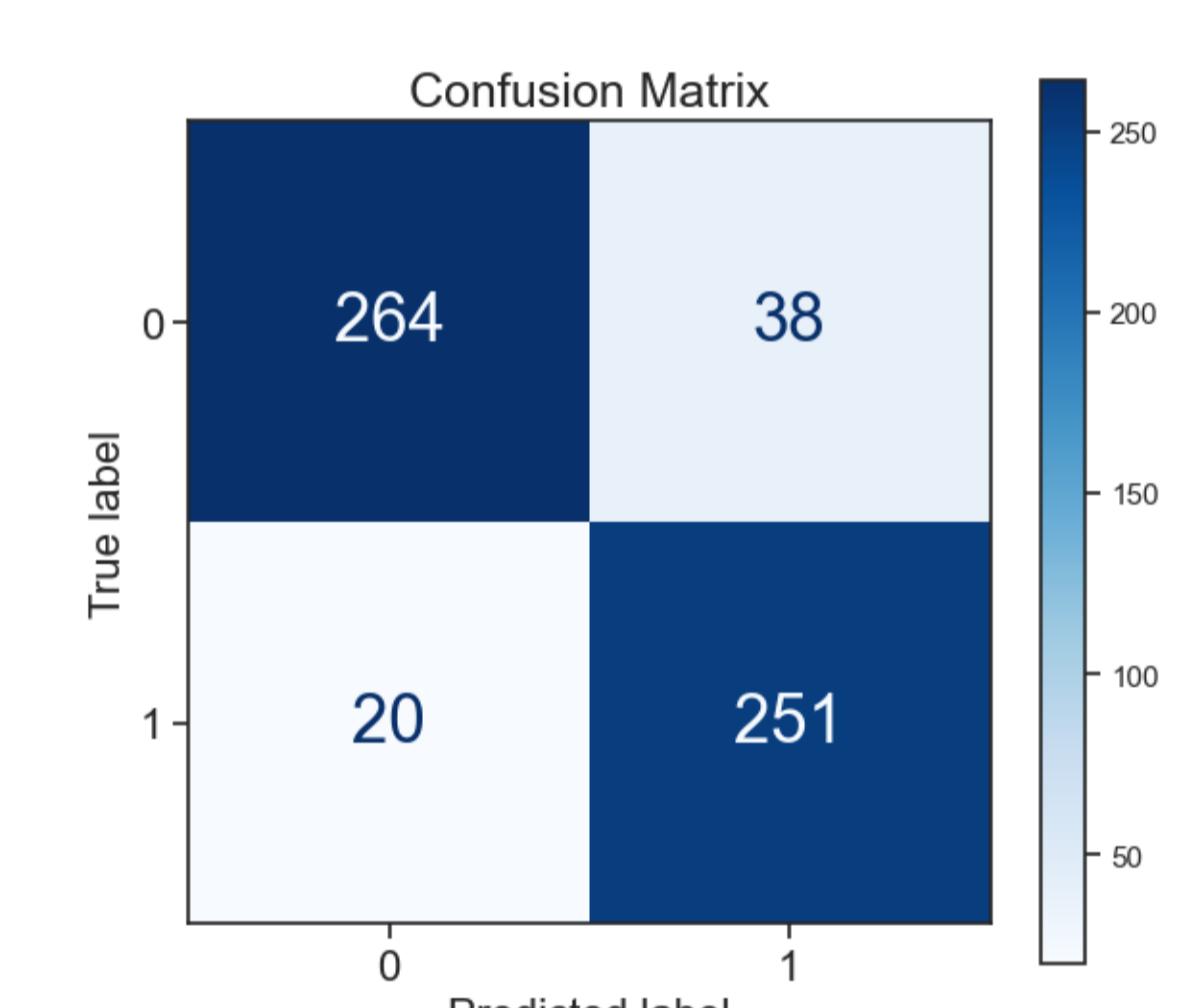


# Protein: P37231 - metric: balanced\_accuracy

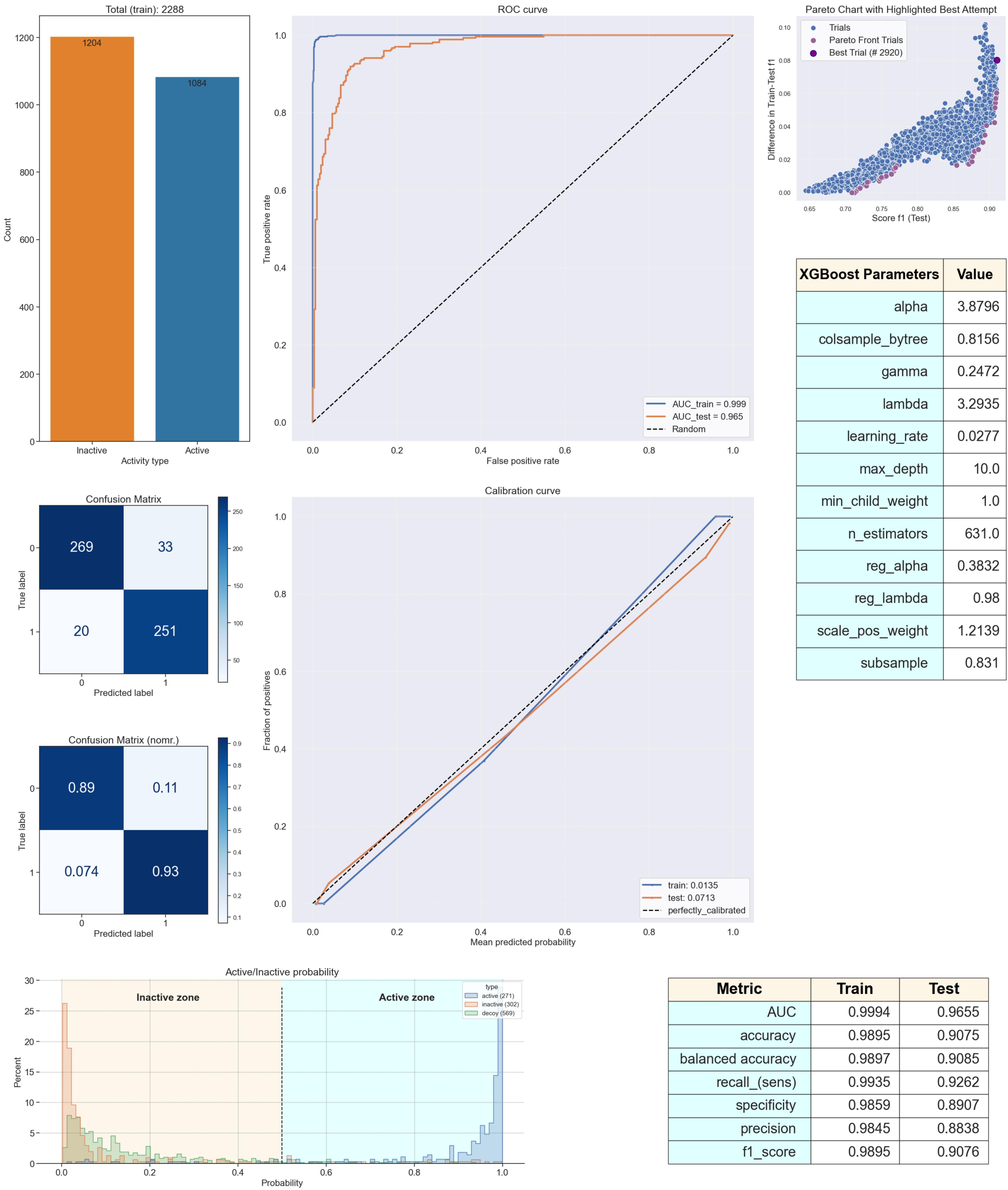


XGBoost Parameters	Value
alpha	2.8469
colsample_bytree	0.557
gamma	0.5936
lambda	1.3031
learning_rate	0.0391
max_depth	10.0
min_child_weight	1.0
n_estimators	362.0
reg_alpha	0.6912
reg_lambda	0.7201
scale_pos_weight	1.4318
subsample	0.8992

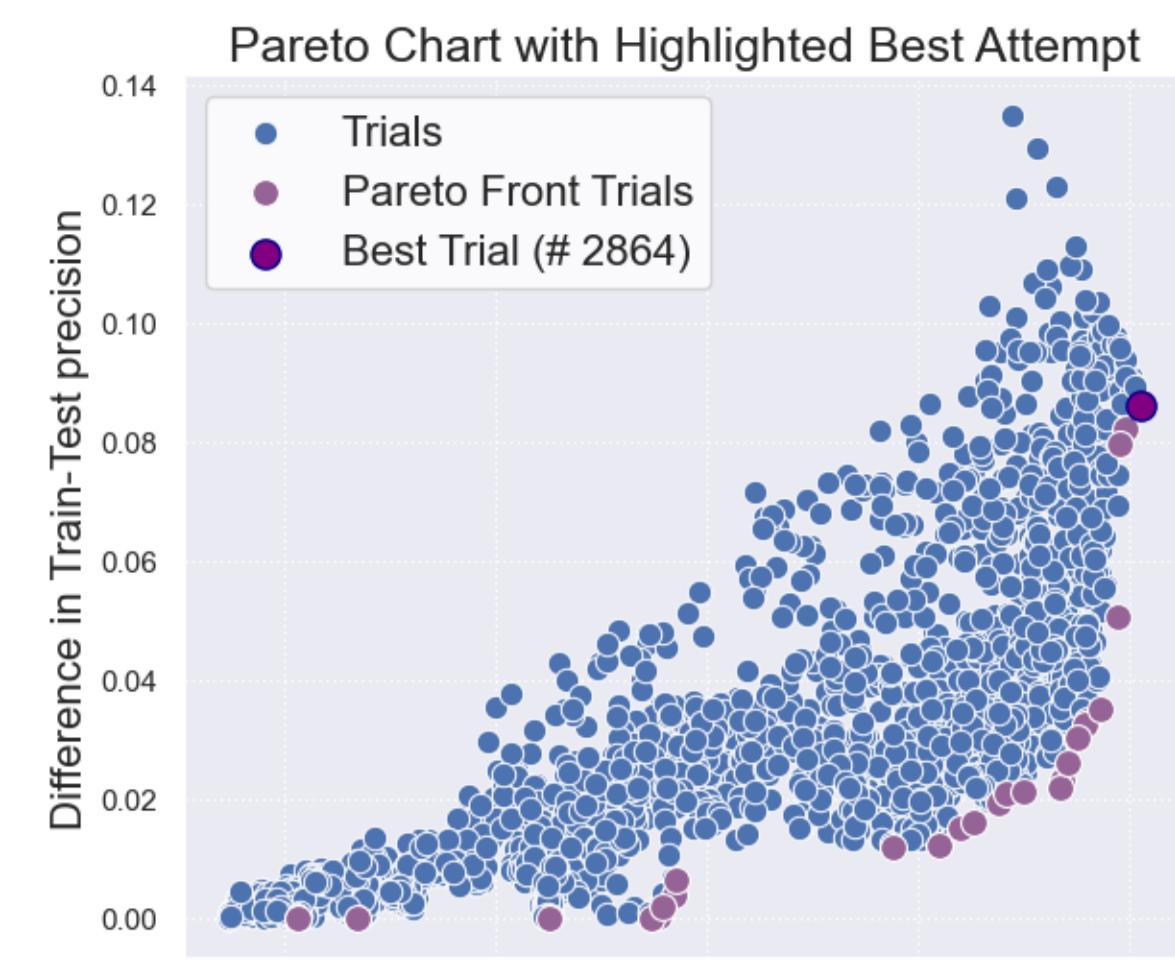
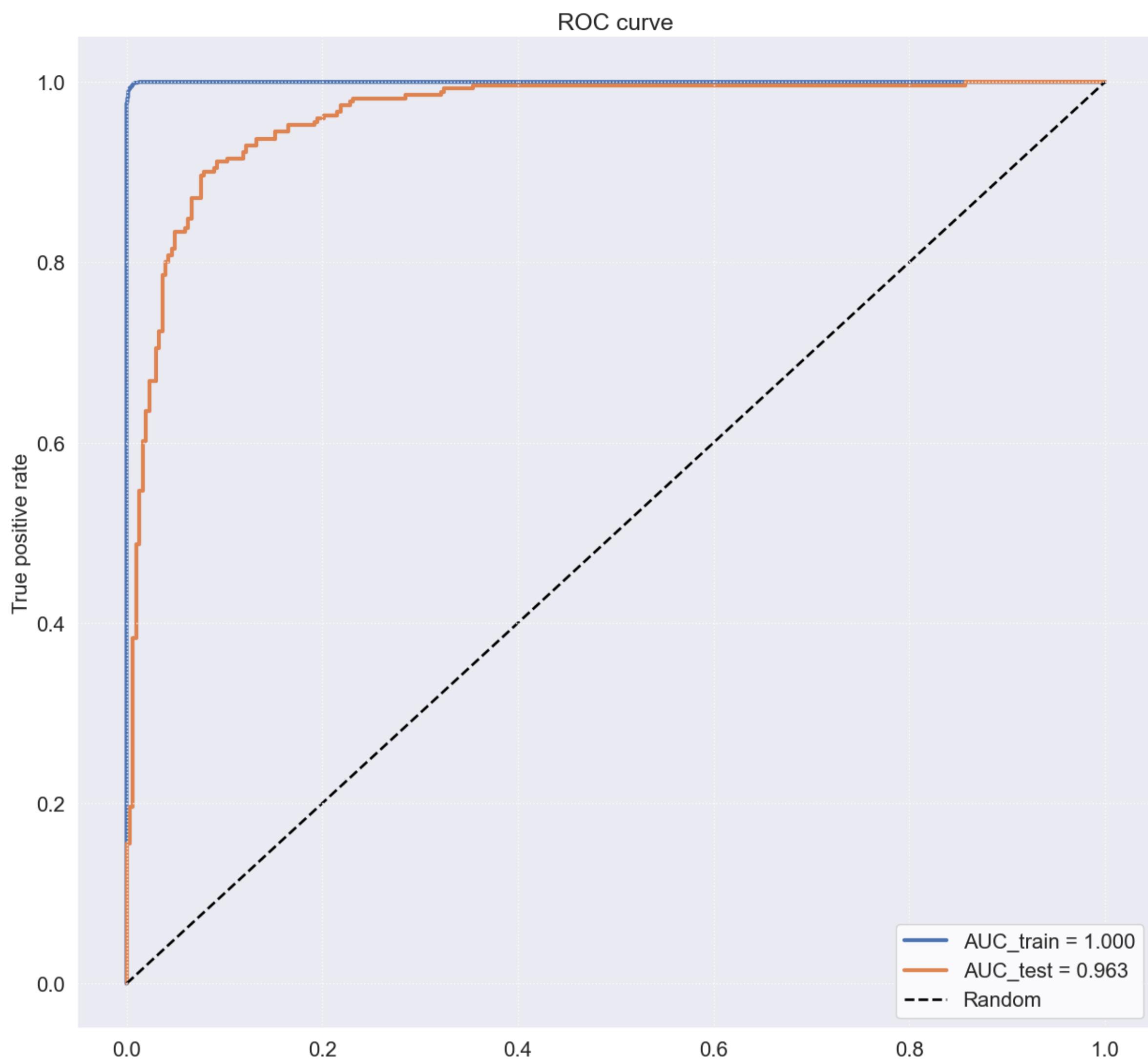
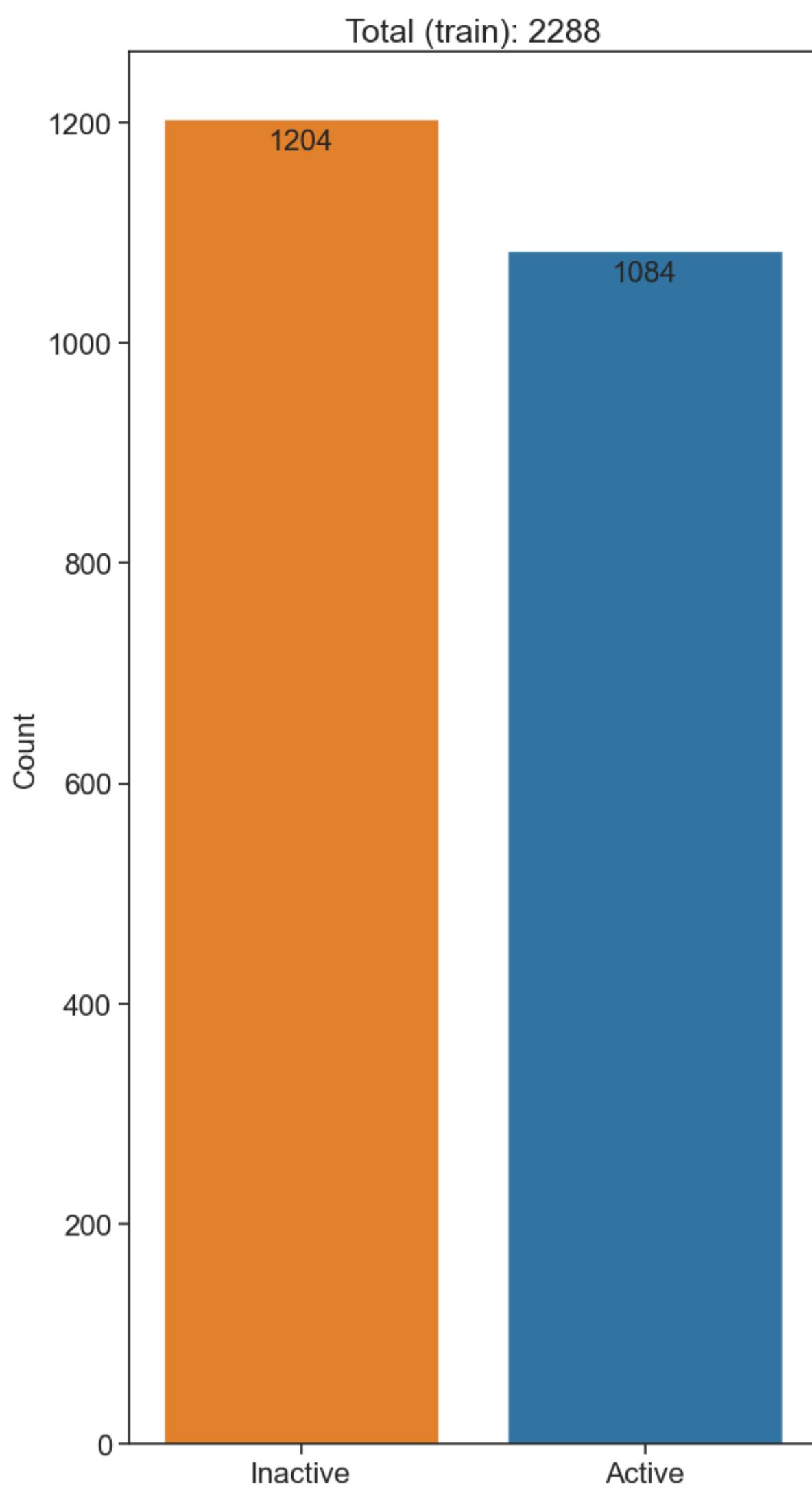


Metric	Train	Test
AUC	0.9967	0.9608
accuracy	0.9707	0.8988
balanced accuracy	0.9716	0.9002
recall_(sens)	0.988	0.9262
specificity	0.9551	0.8742
precision	0.952	0.8685
f1_score	0.9707	0.8989

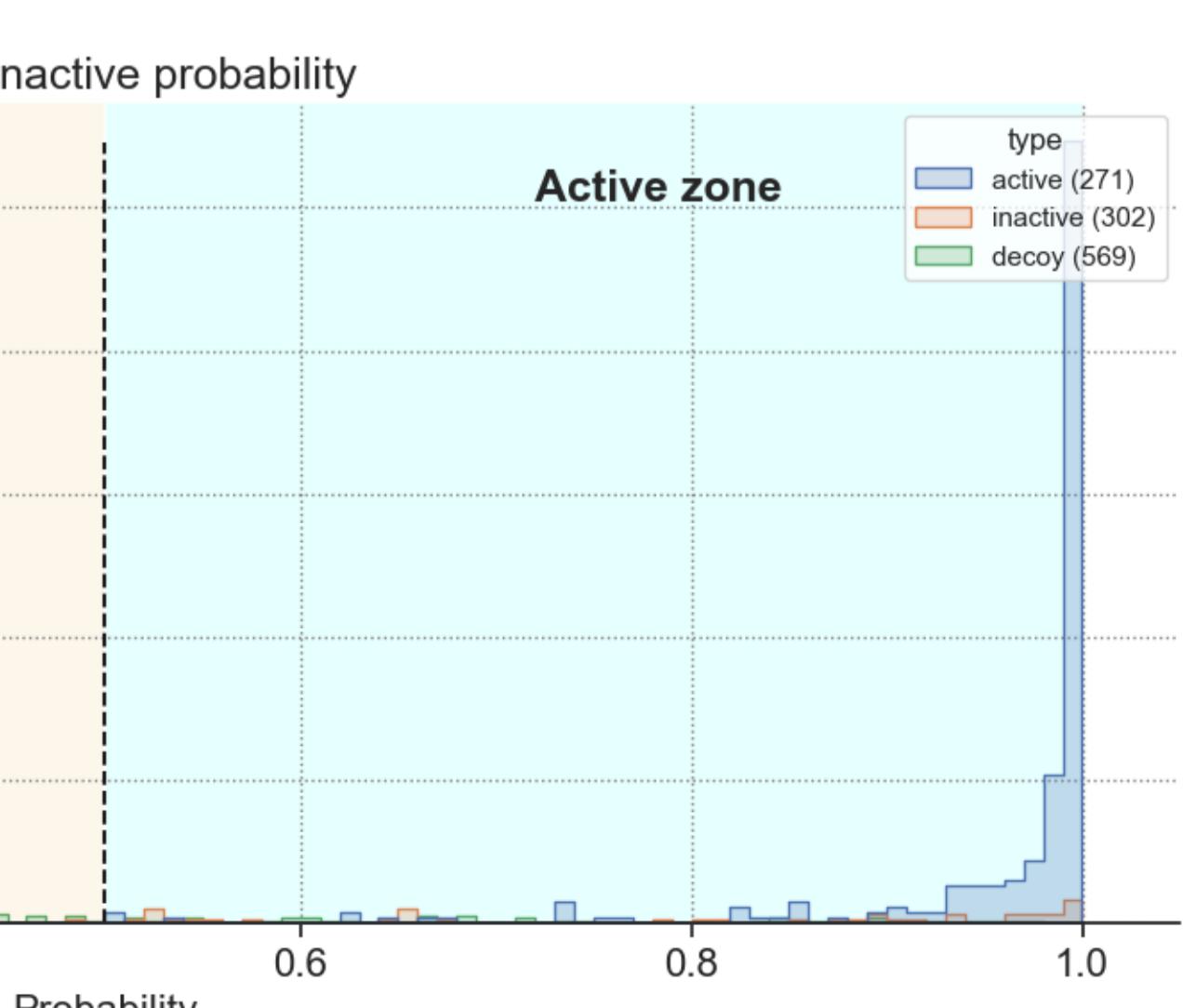
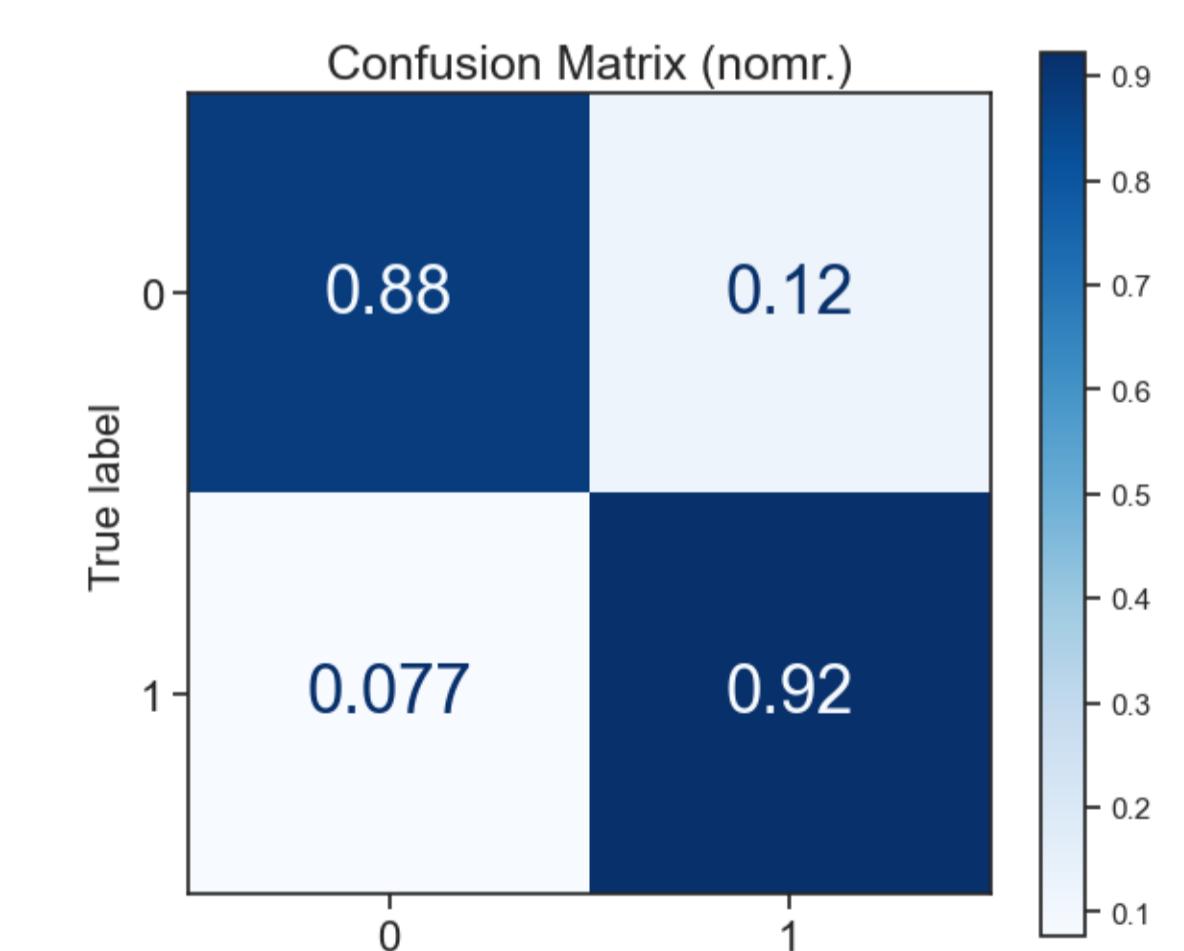
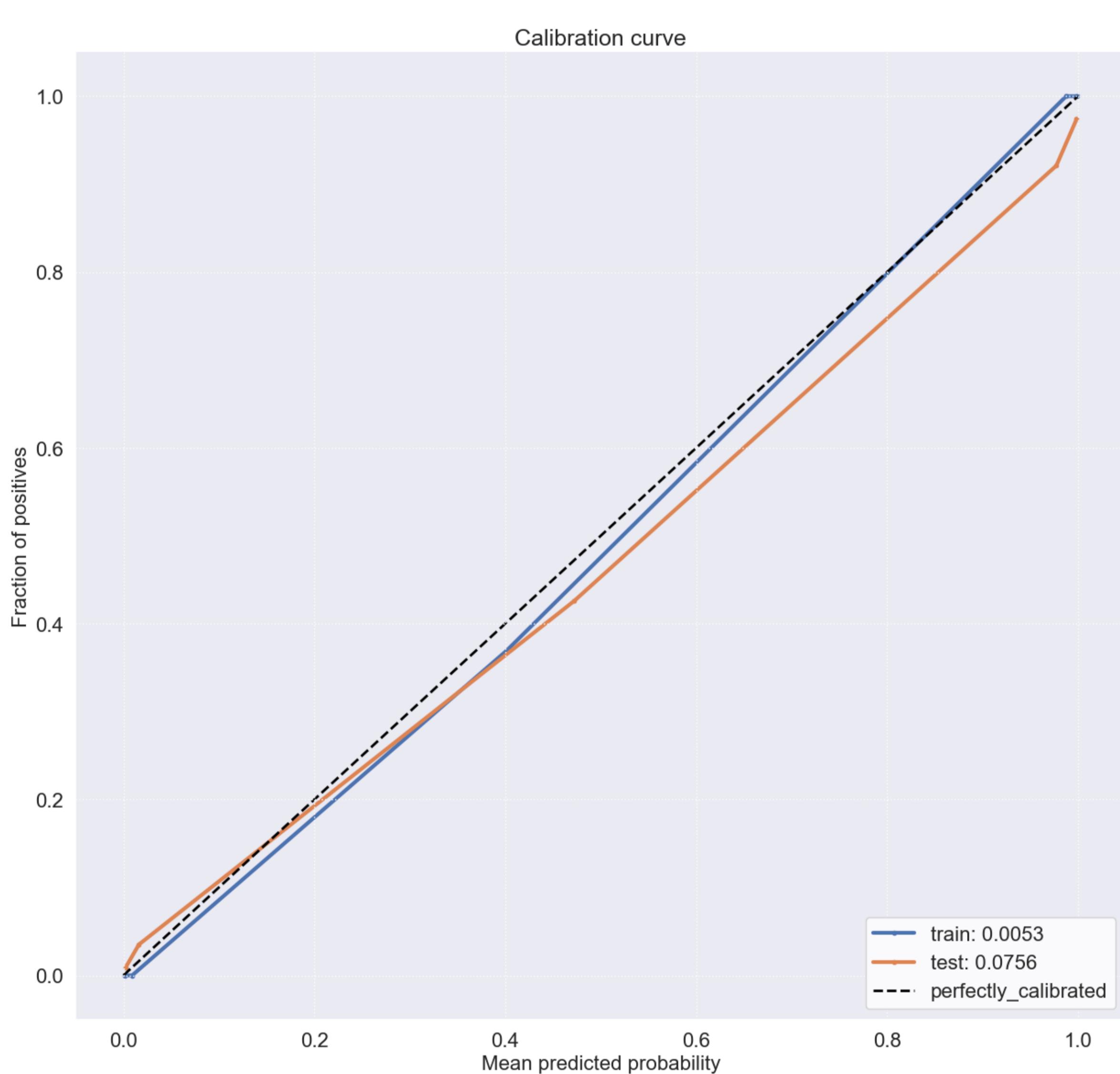
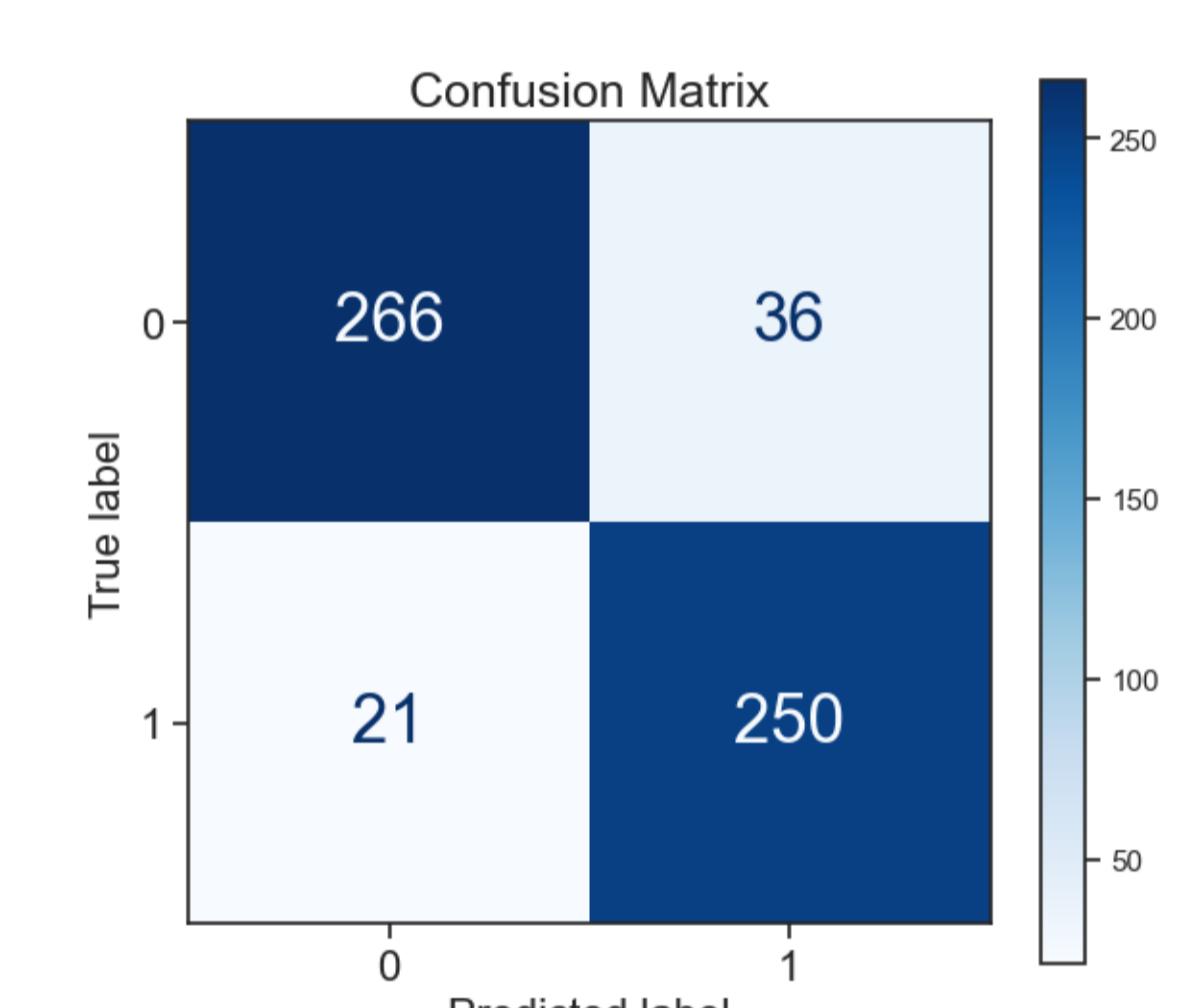
# Protein: P37231 - metric: f1



# Protein: P37231 - metric: precision



XGBoost Parameters	Value
alpha	4.211
colsample_bytree	0.7365
gamma	0.1026
lambda	2.2111
learning_rate	0.0836
max_depth	9.0
min_child_weight	1.0
n_estimators	654.0
reg_alpha	0.204
reg_lambda	0.6349
scale_pos_weight	1.5778
subsample	0.8924



Metric	Train	Test
AUC	0.9999	0.963
accuracy	0.9952	0.9005
balanced accuracy	0.9954	0.9017
recall_(sens)	0.9991	0.9225
specificity	0.9917	0.8808
precision	0.9909	0.8741
f1_score	0.9952	0.9006

# Protein: P37231 - metric: SoftVotingXGBoostEnsemble

