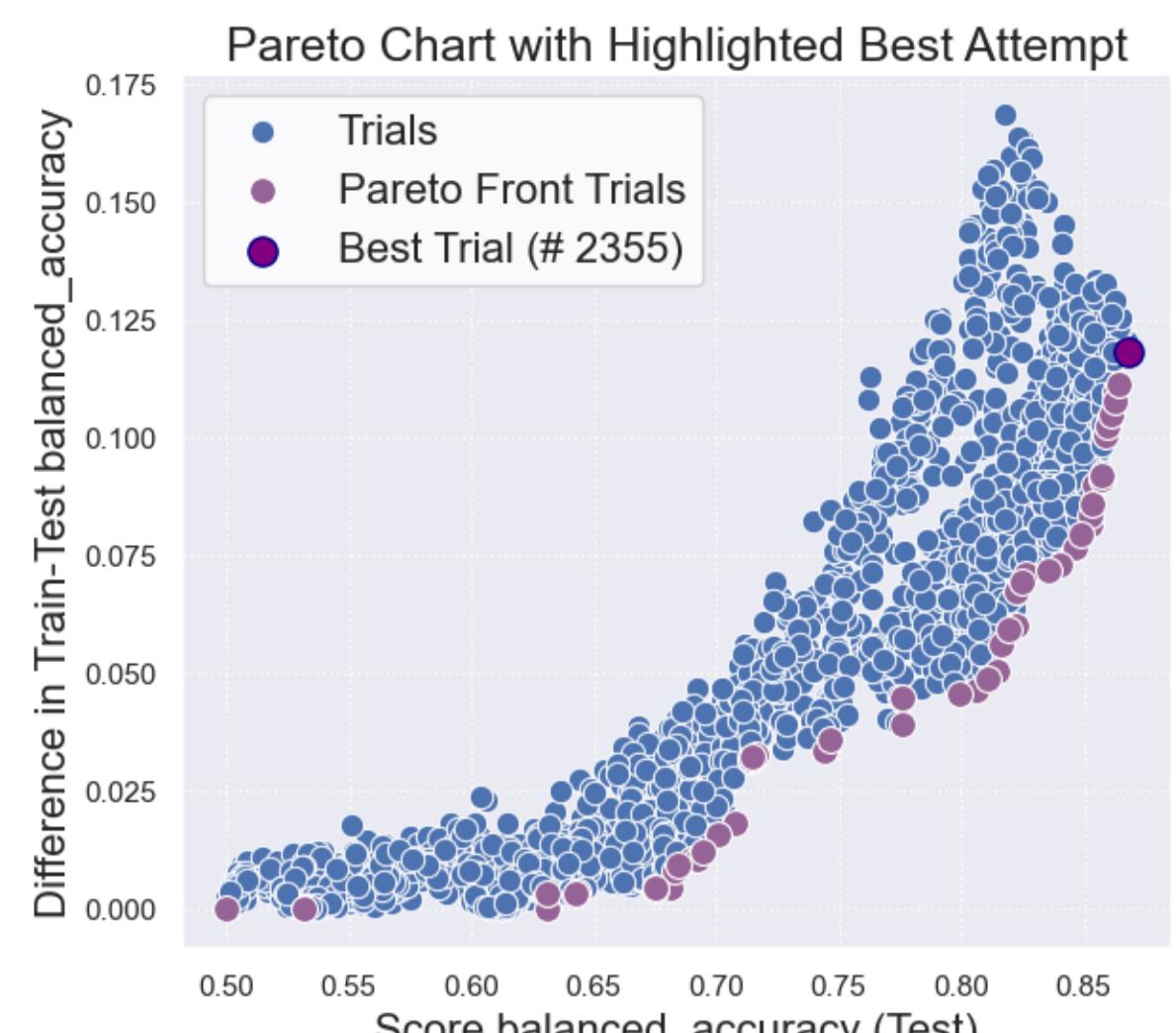
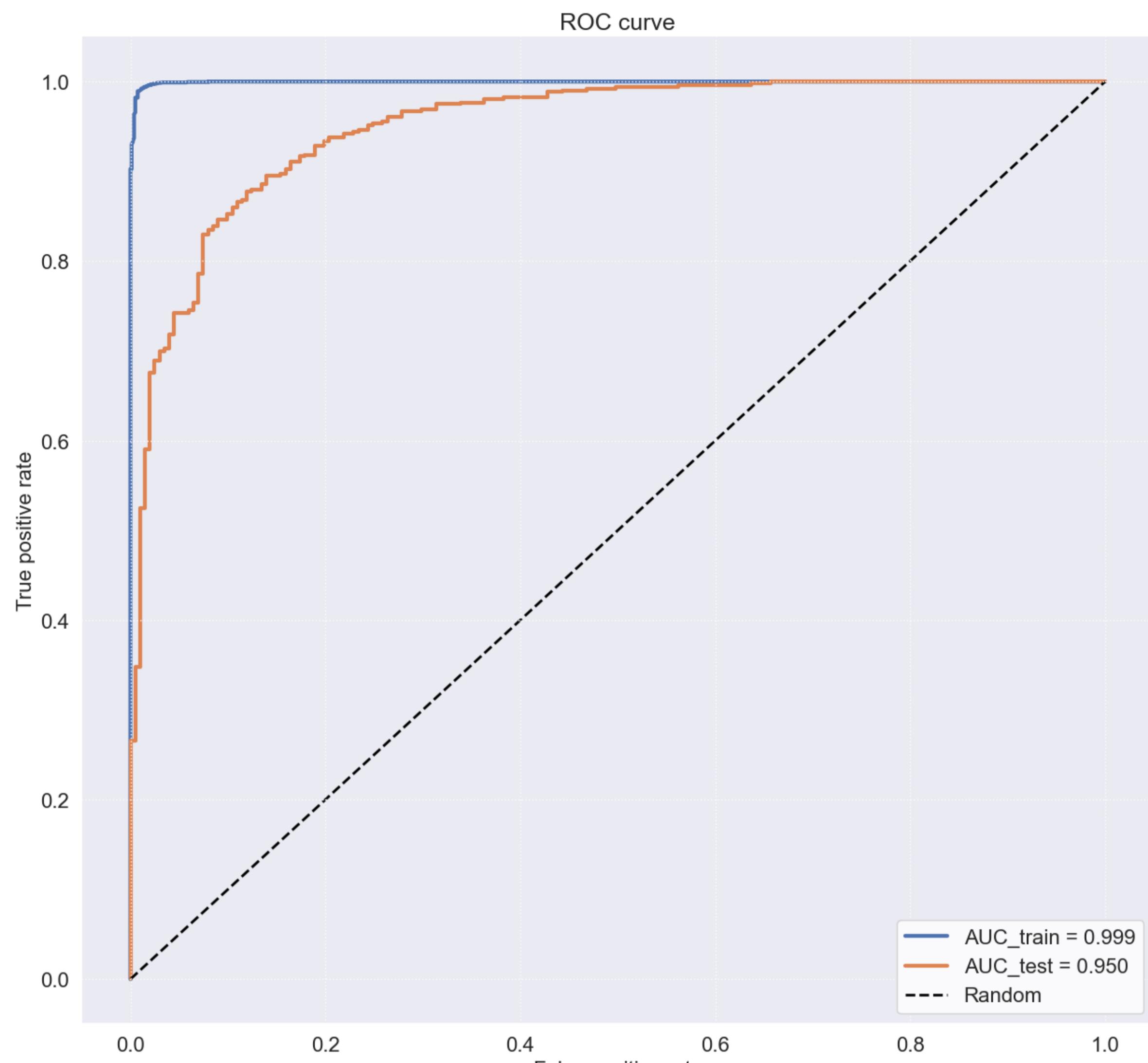
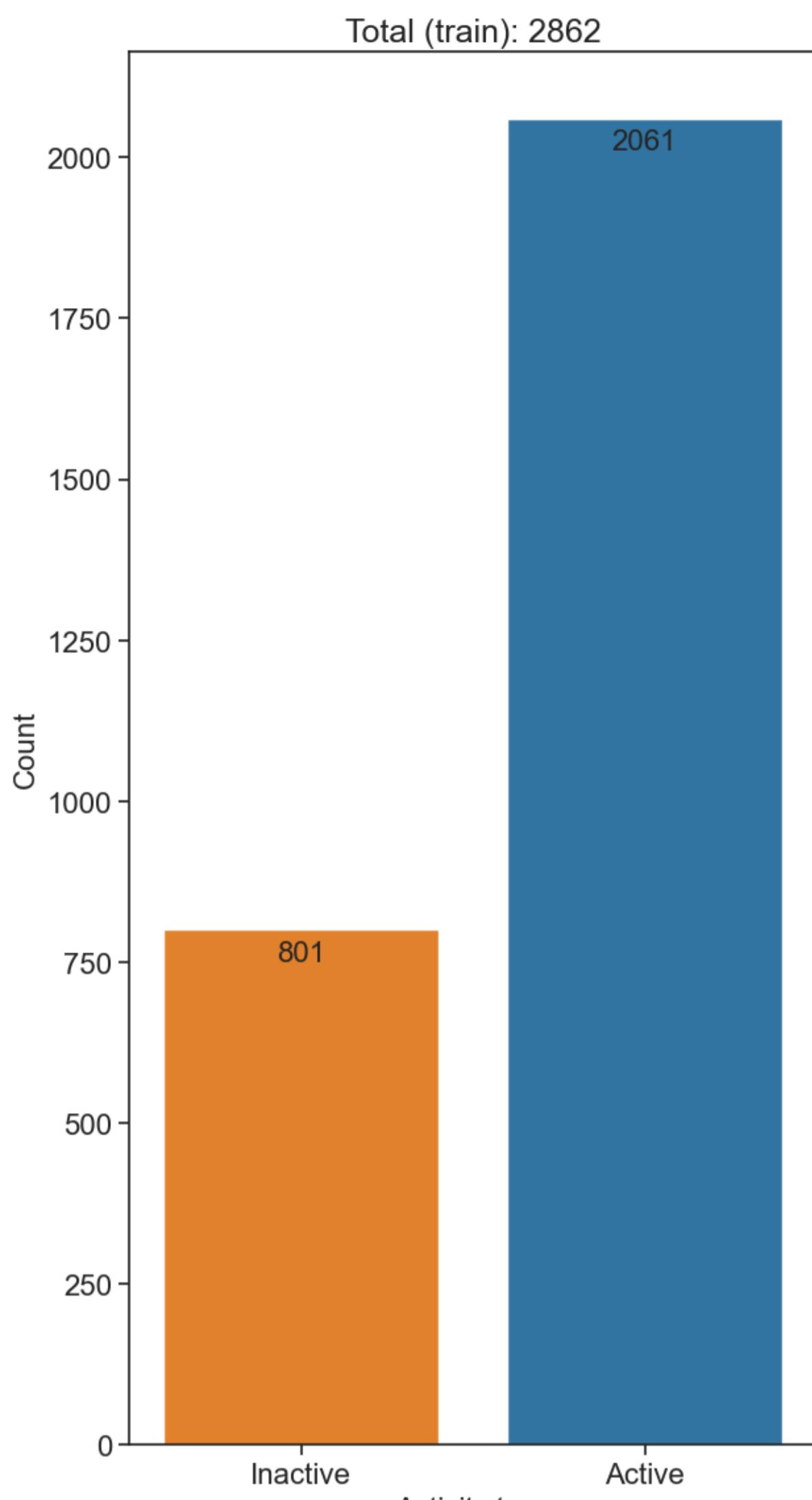
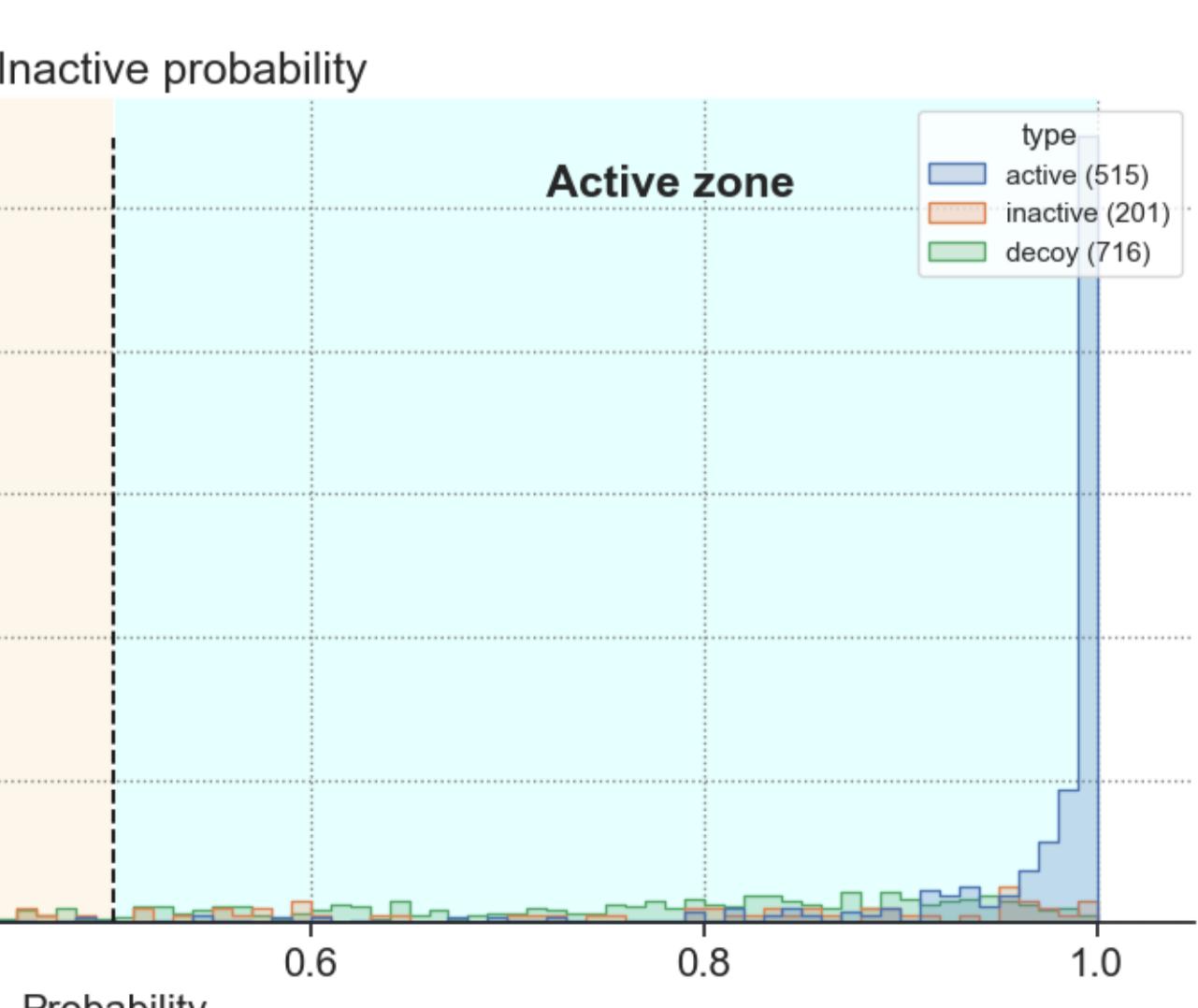
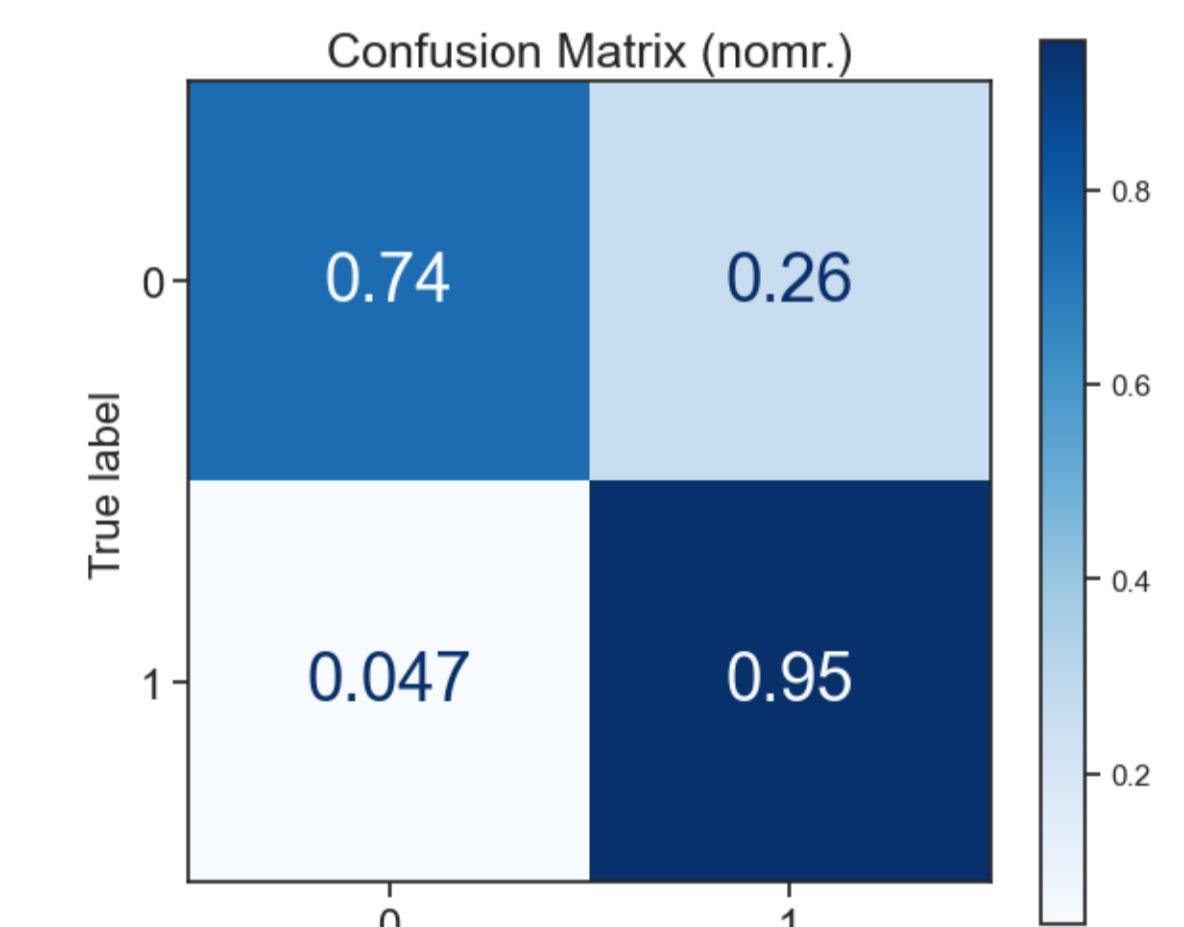
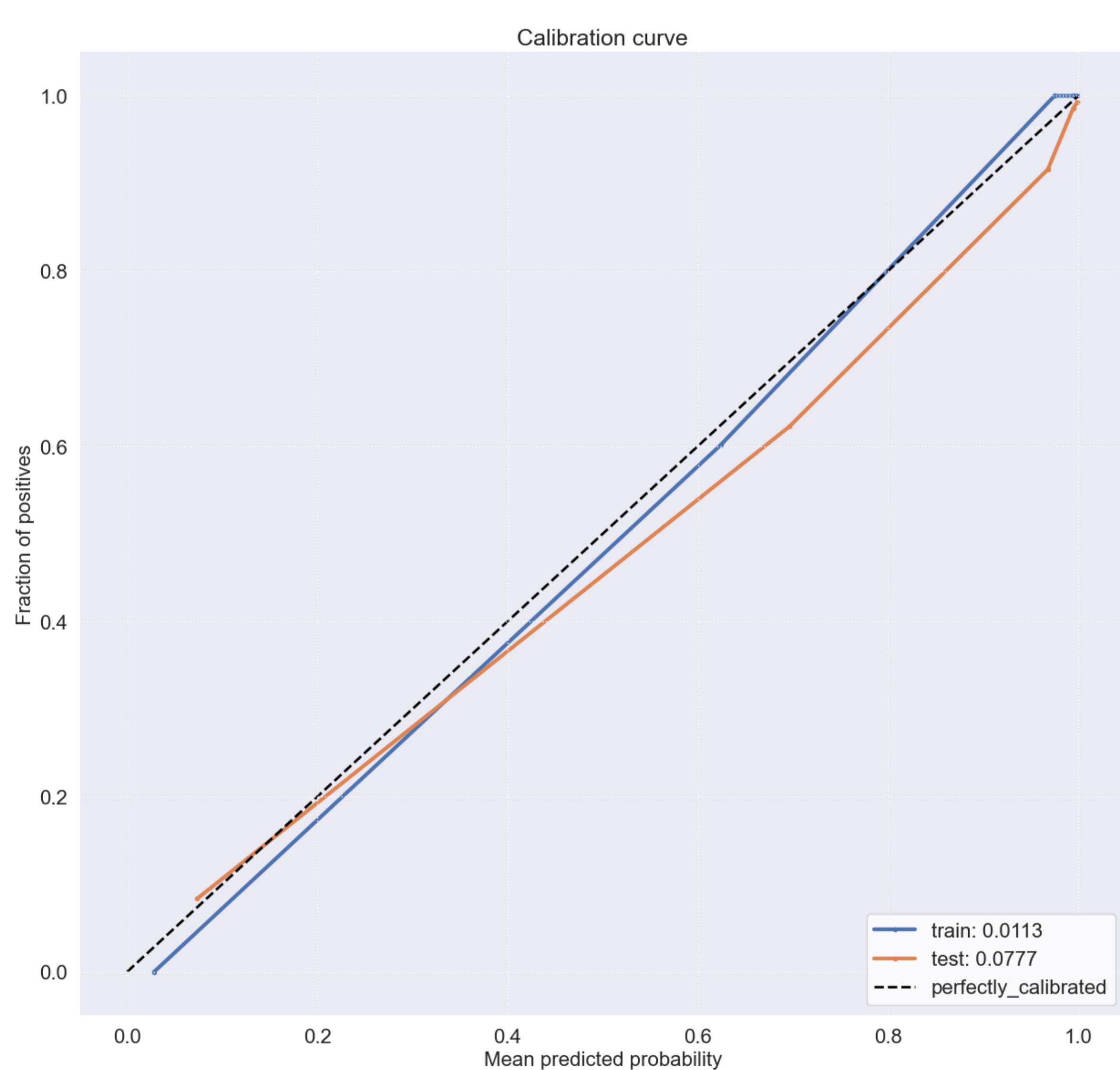
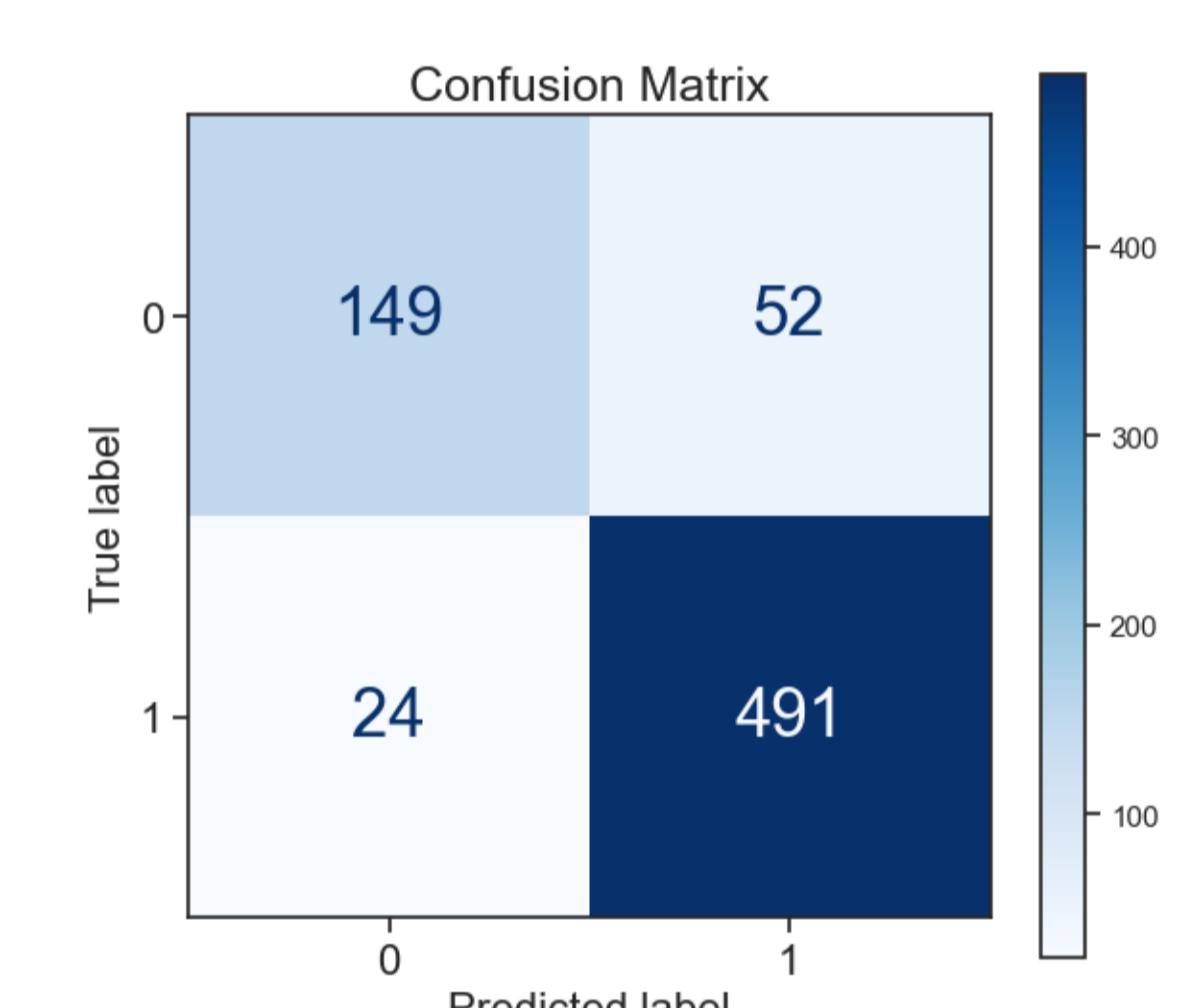


Protein: P22303 - metric: balanced_accuracy

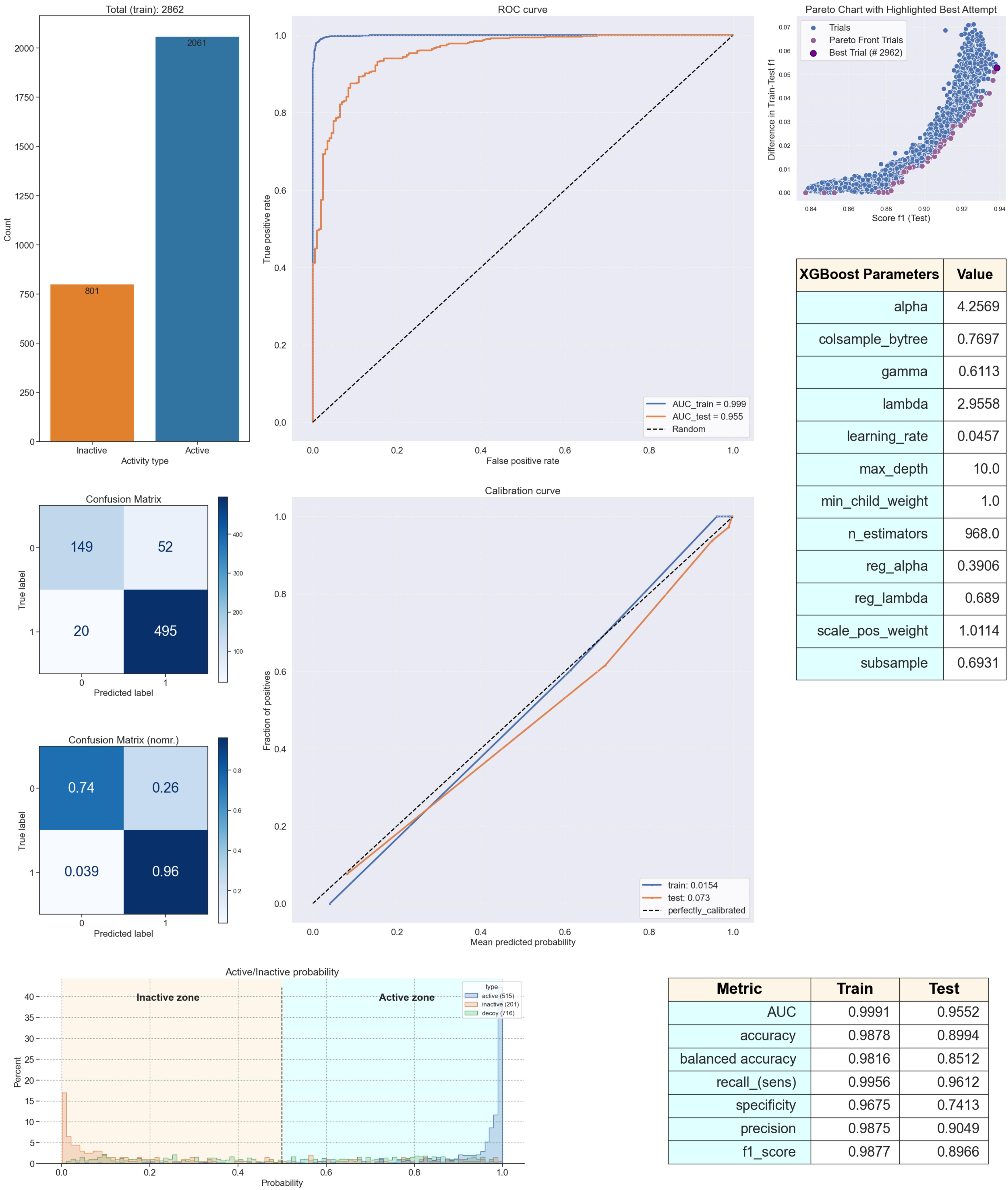


XGBoost Parameters	Value
alpha	3.8053
colsample_bytree	0.8577
gamma	0.1053
lambda	3.6939
learning_rate	0.1257
max_depth	10.0
min_child_weight	4.0
n_estimators	819.0
reg_alpha	0.3784
reg_lambda	0.9479
scale_pos_weight	1.193
subsample	0.9574

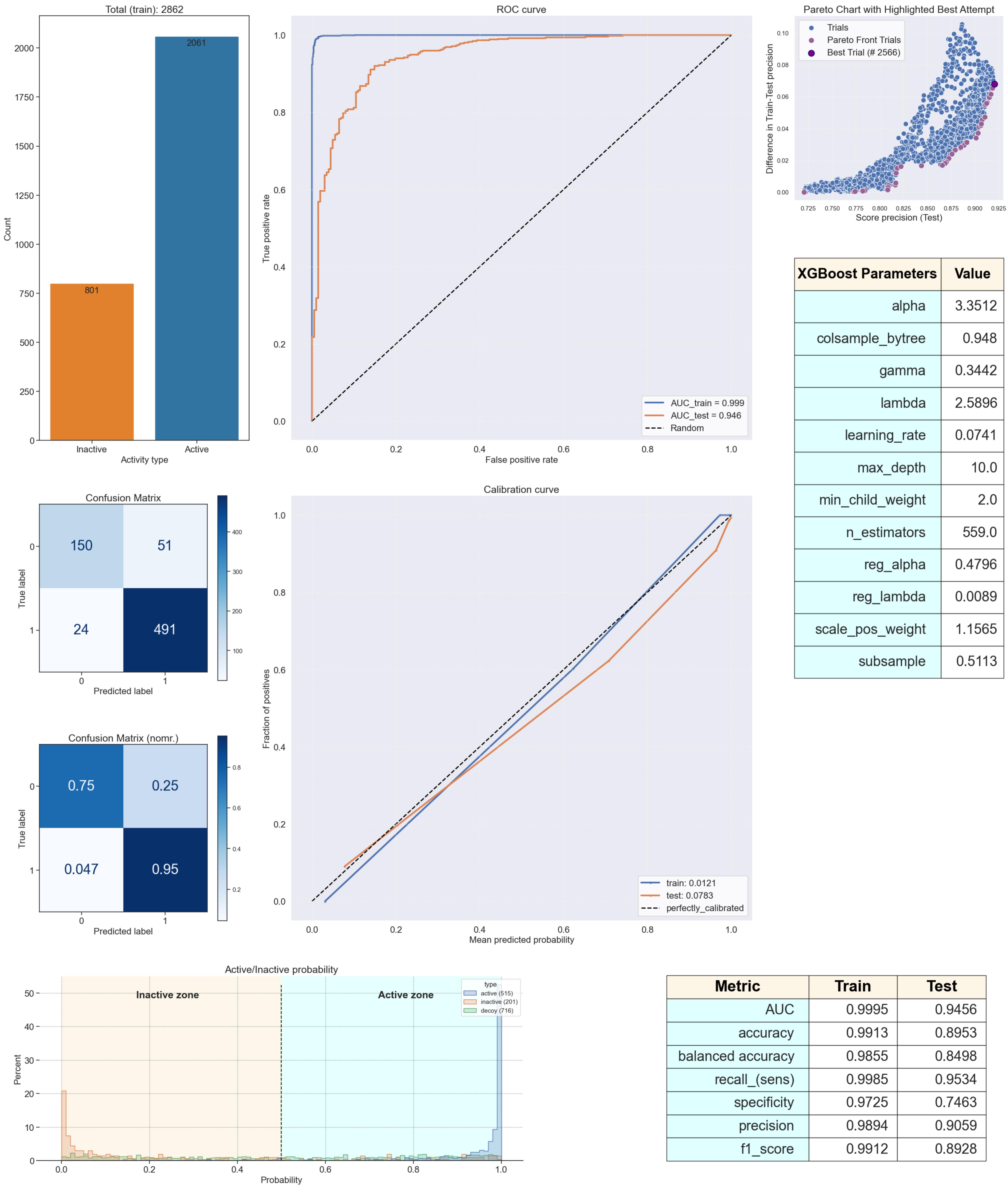


Metric	Train	Test
AUC	0.9995	0.9502
accuracy	0.9906	0.8939
balanced accuracy	0.9843	0.8473
recall_(sens)	0.9985	0.9534
specificity	0.97	0.7413
precision	0.9885	0.9042
f1_score	0.9905	0.8913

Protein: P22303 - metric: f1



Protein: P22303 - metric: precision



Protein: P22303 - metric: SoftVotingXGBoostEnsemble

