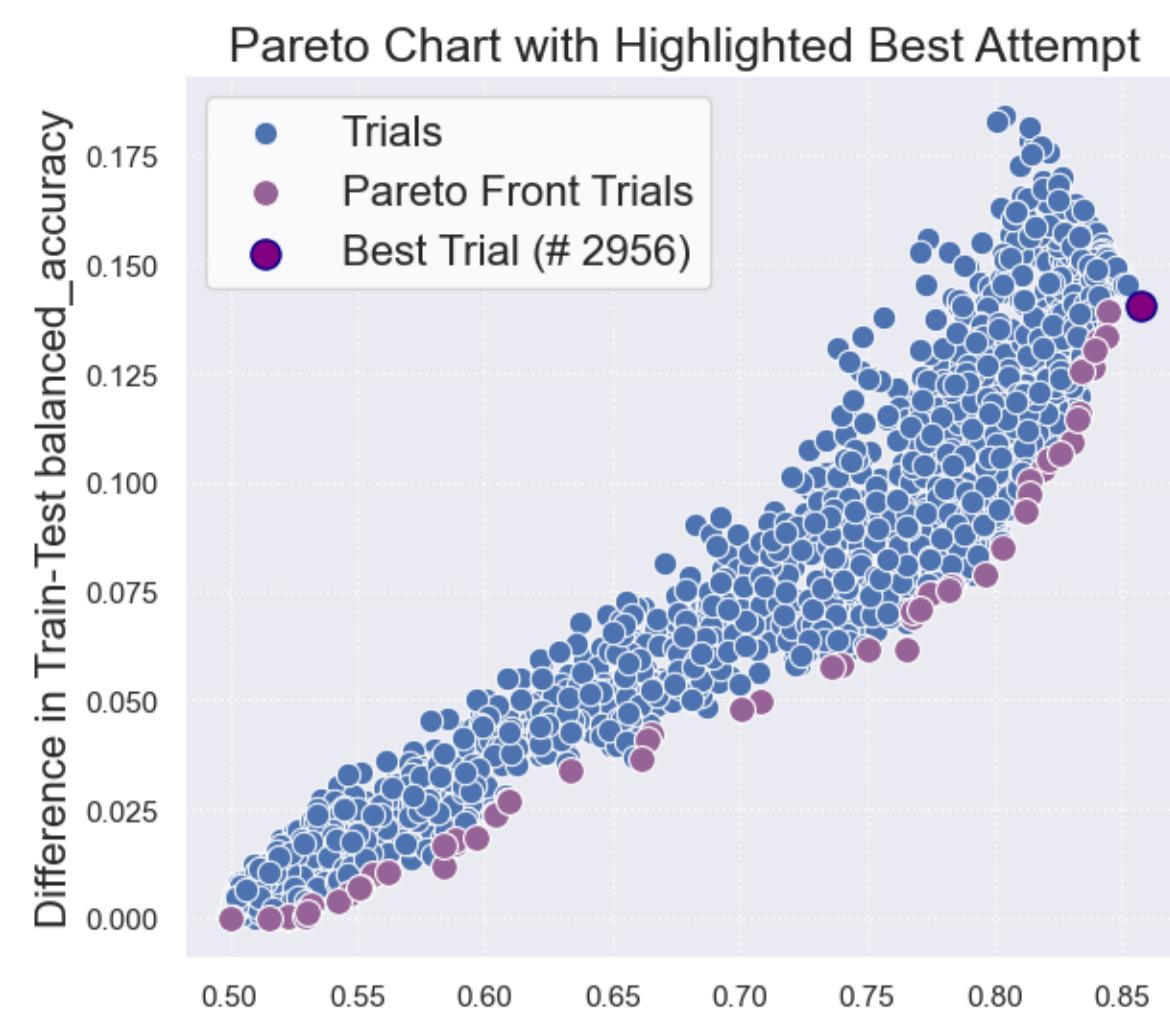
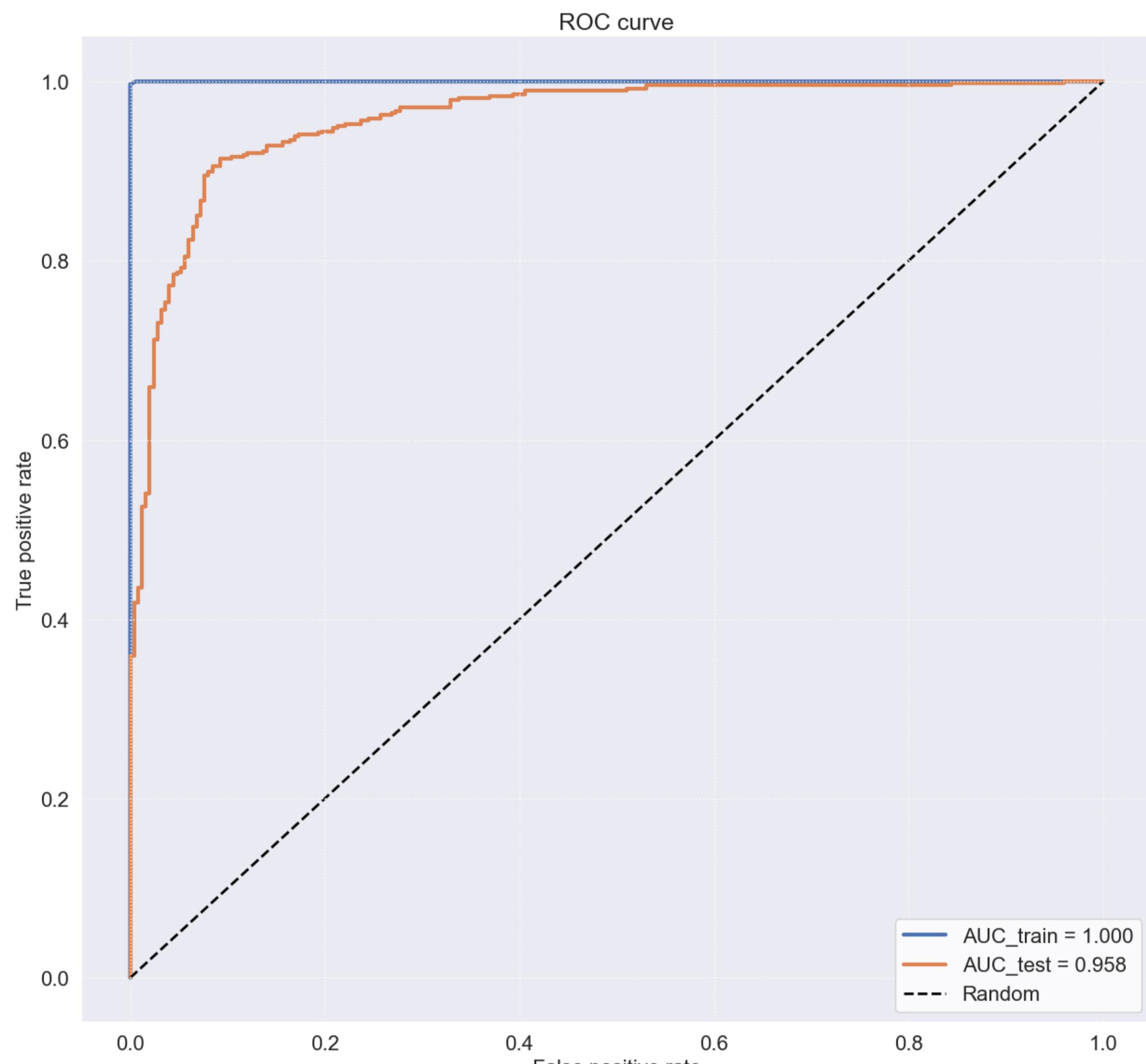
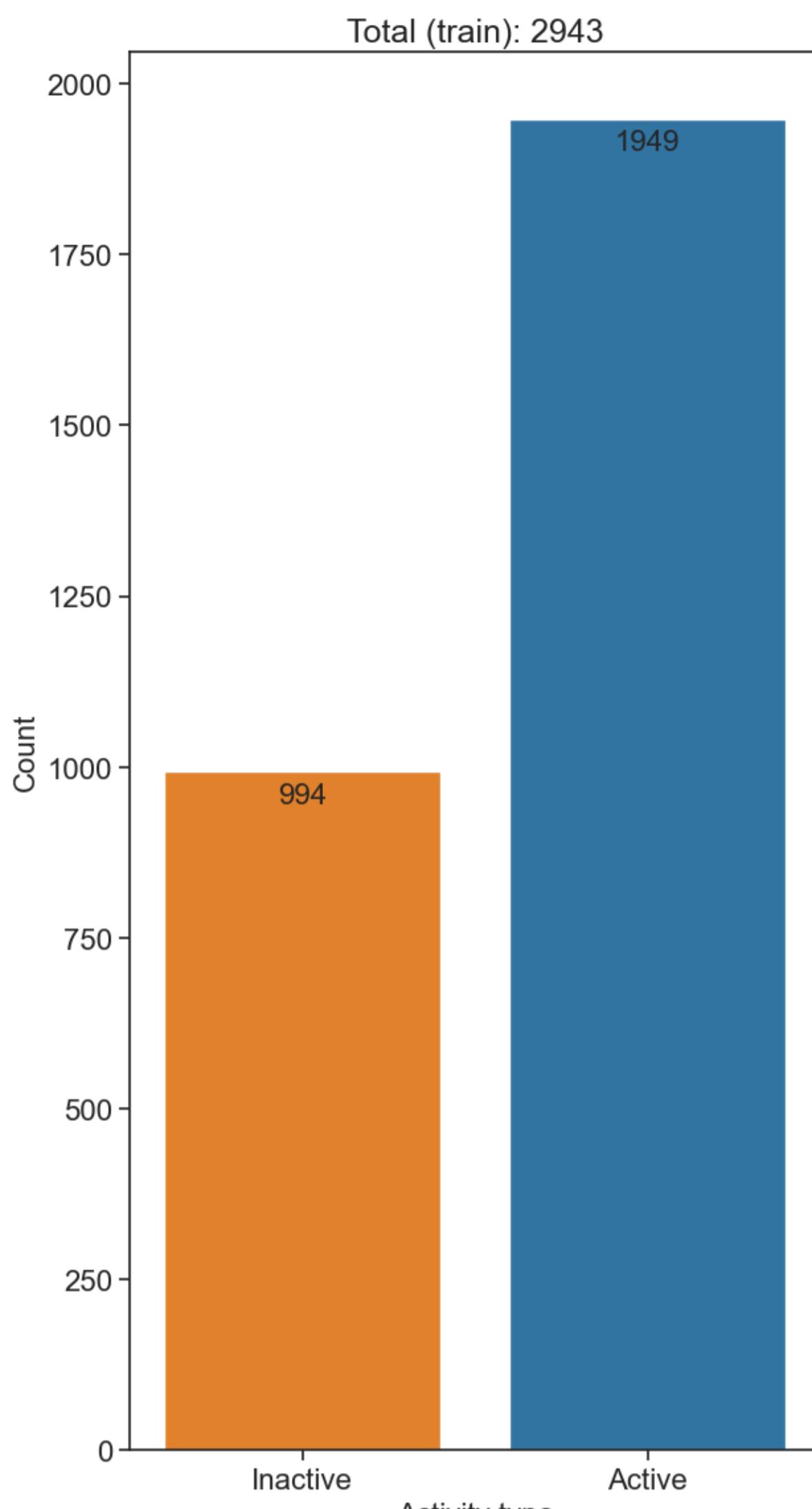
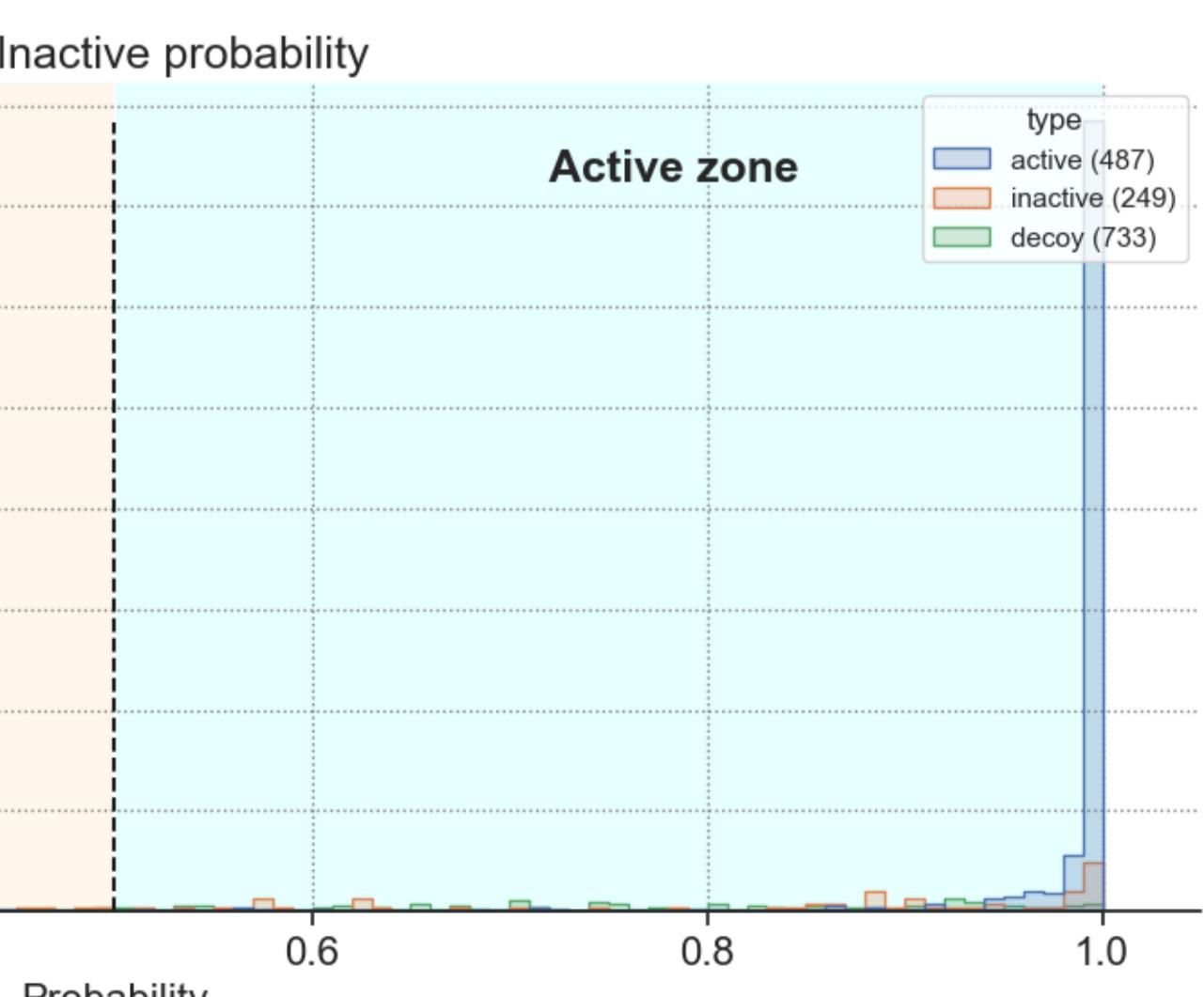
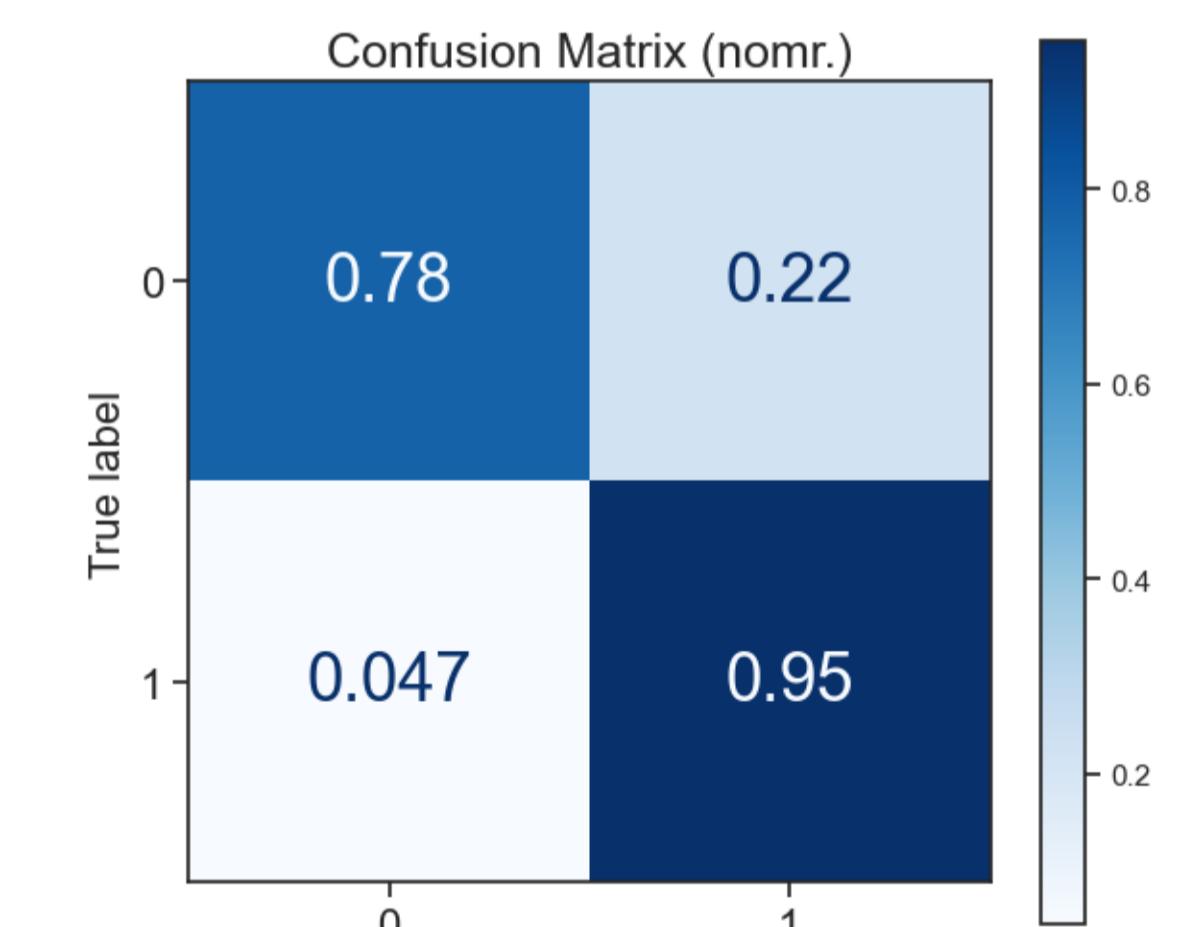
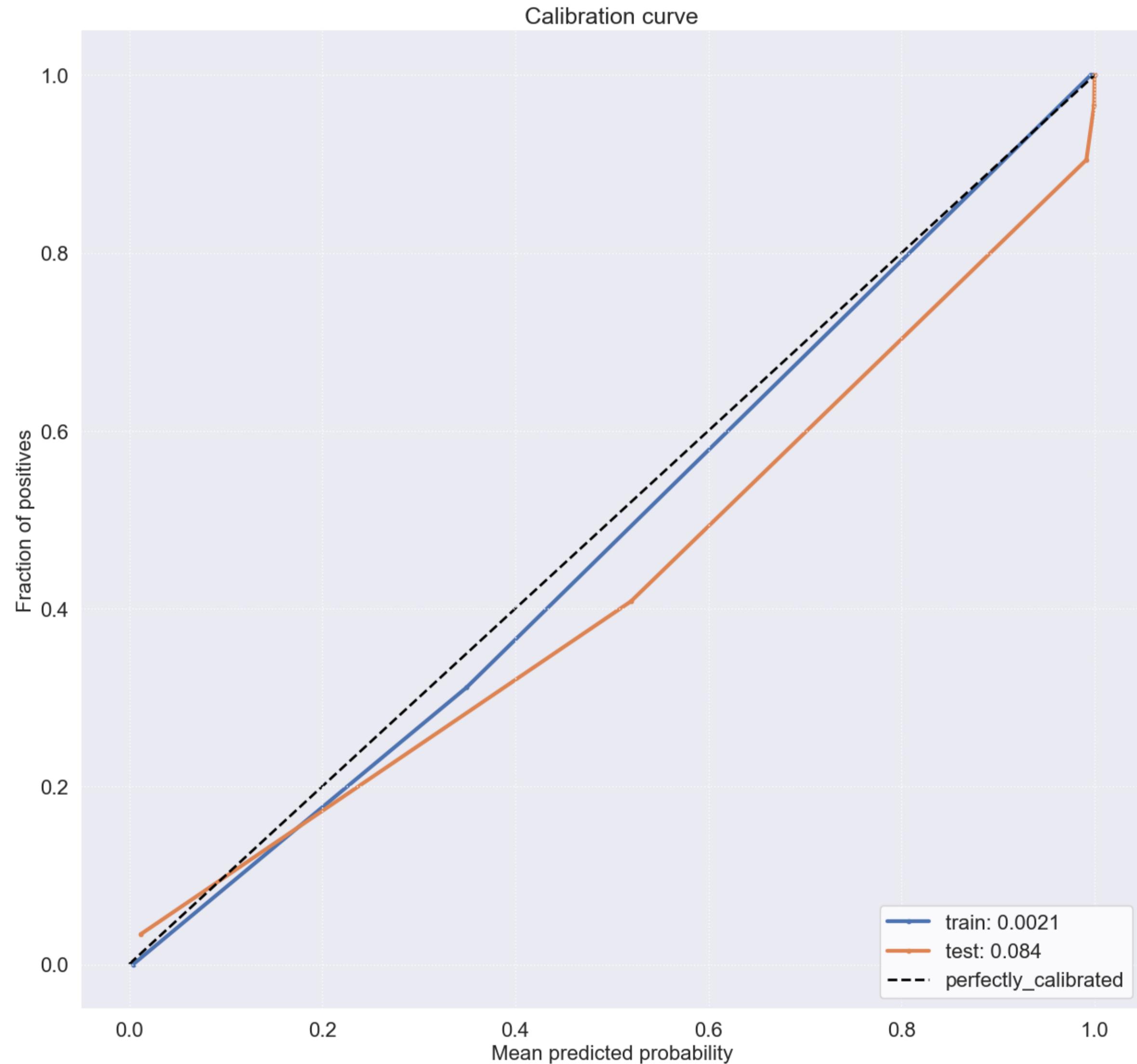
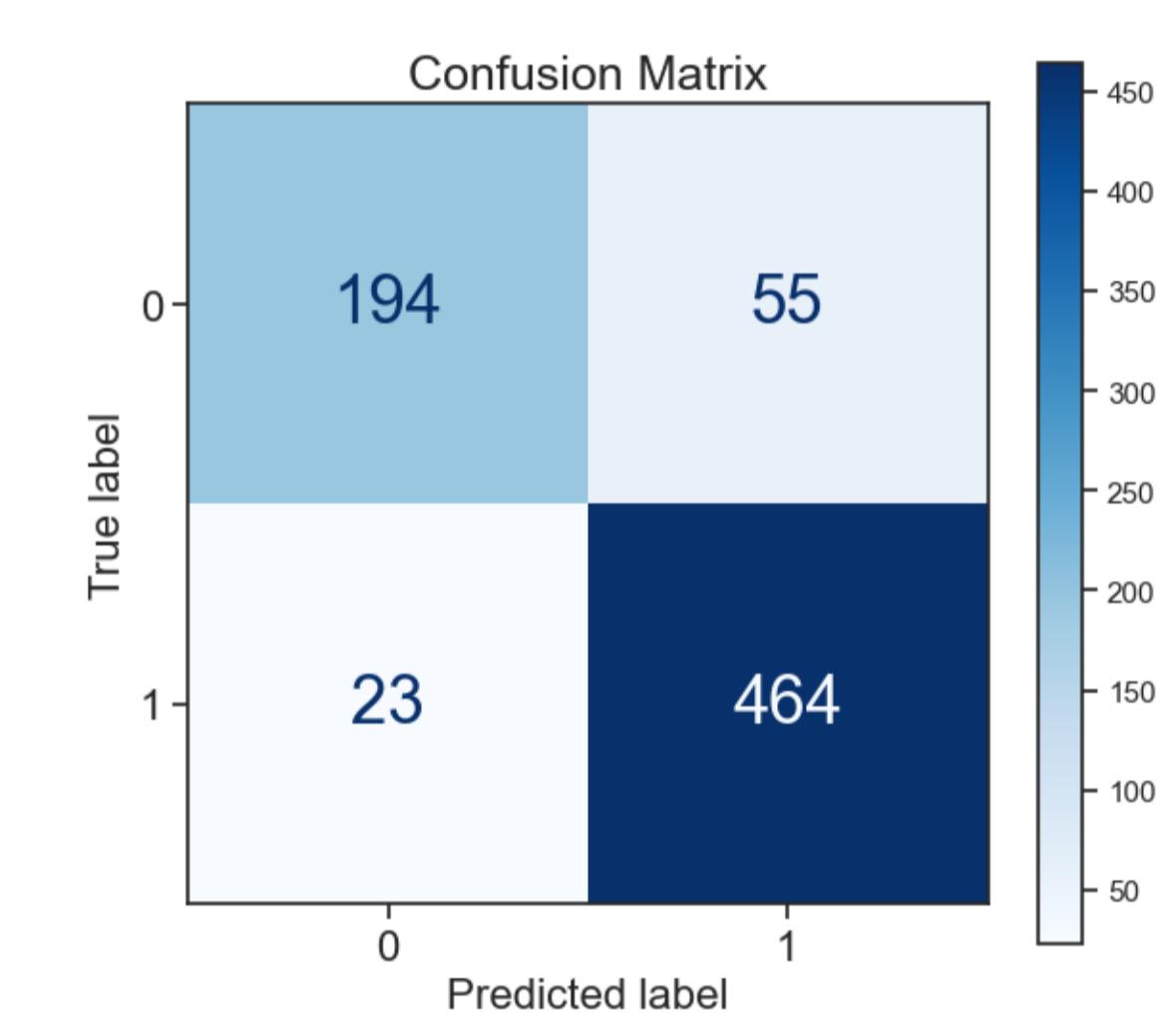


# Protein: P21554 - metric: balanced\_accuracy

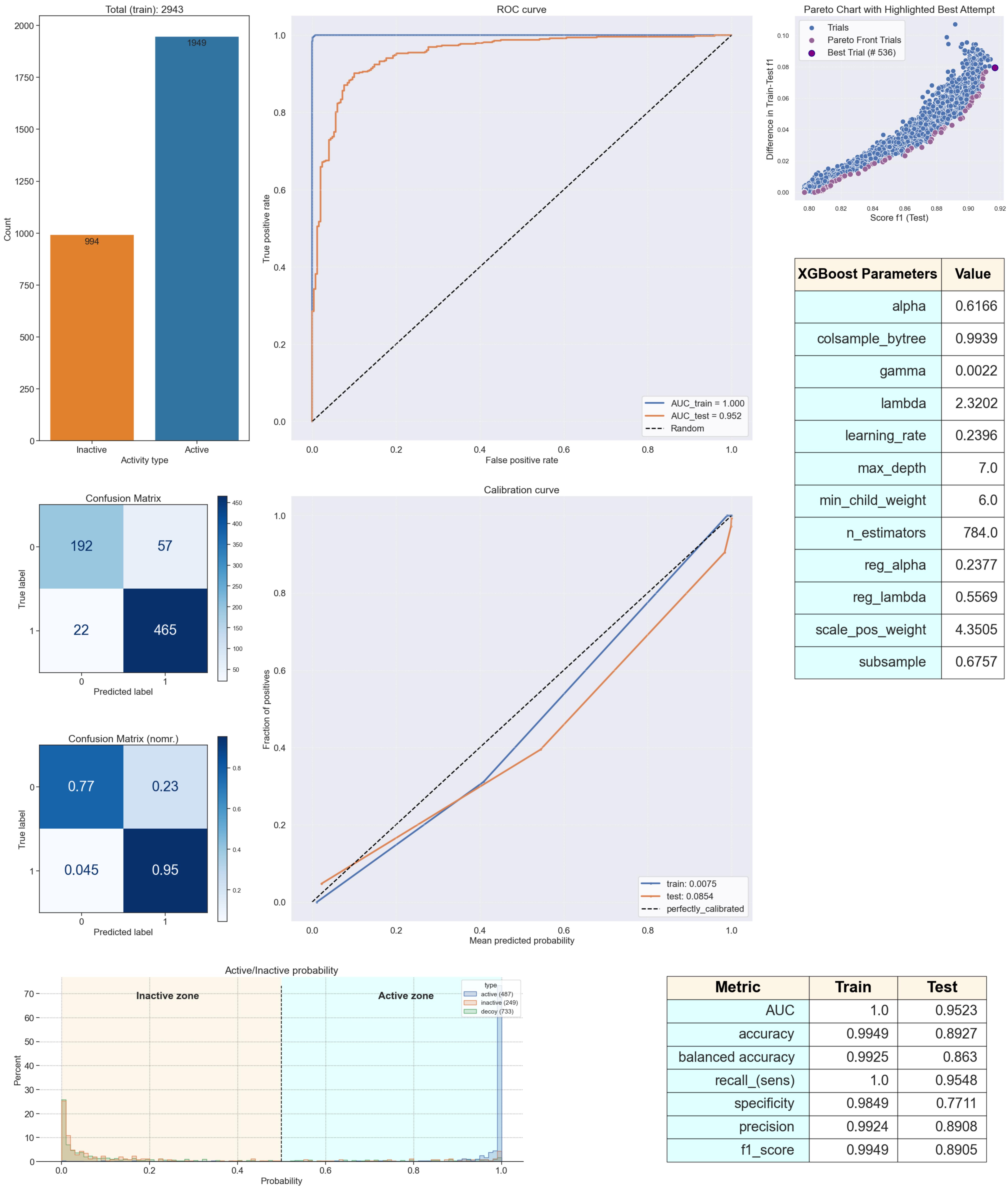


XGBoost Parameters	Value
alpha	1.0245
colsample_bytree	0.646
gamma	0.0009
lambda	3.8996
learning_rate	0.1684
max_depth	10.0
min_child_weight	2.0
n_estimators	833.0
reg_alpha	0.3097
reg_lambda	0.1378
scale_pos_weight	4.0942
subsample	0.8821

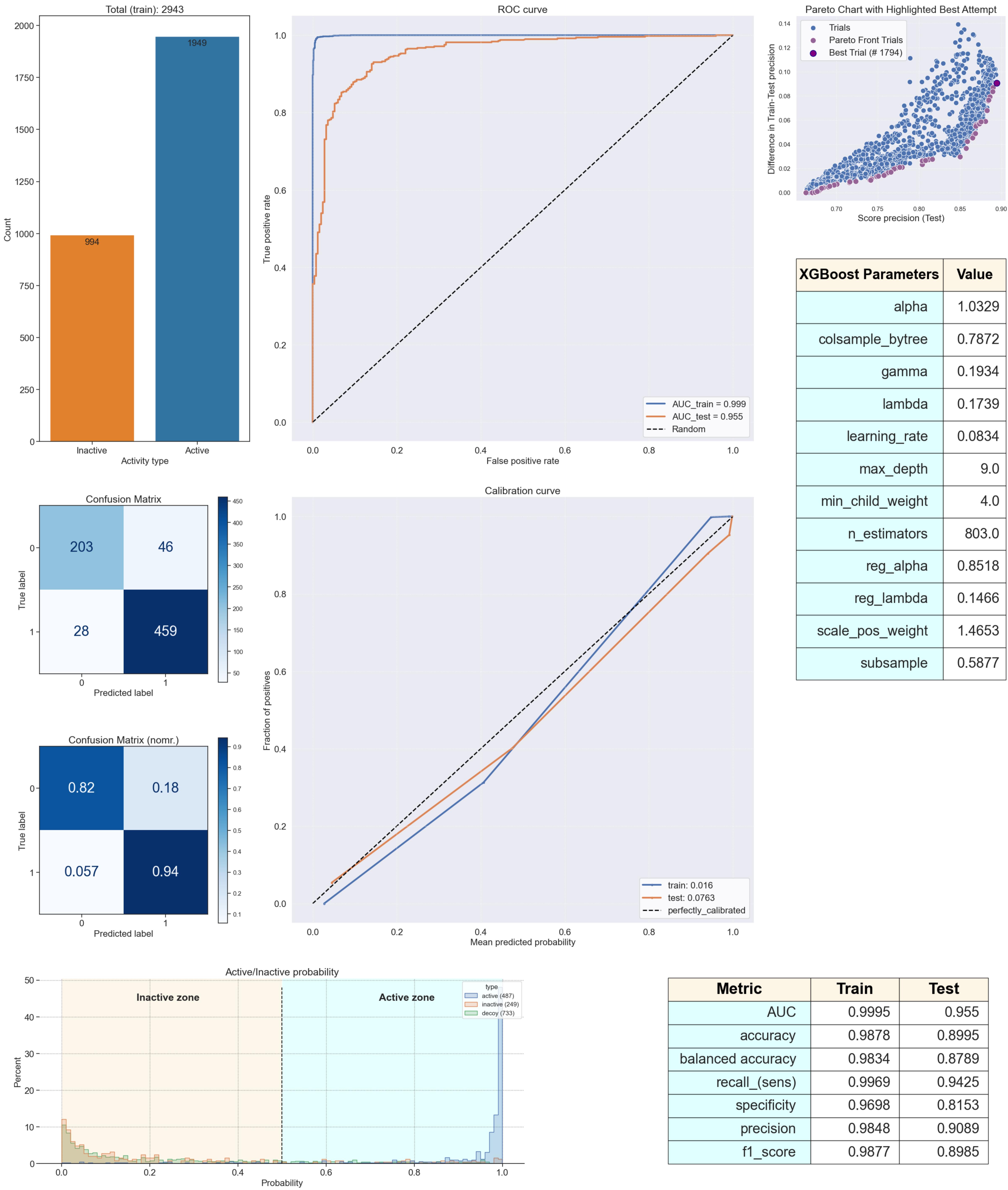


Metric	Train	Test
AUC	1.0	0.9583
accuracy	0.998	0.894
balanced accuracy	0.997	0.8659
recall_(sens)	1.0	0.9528
specificity	0.994	0.7791
precision	0.9969	0.894
f1_score	0.998	0.8921

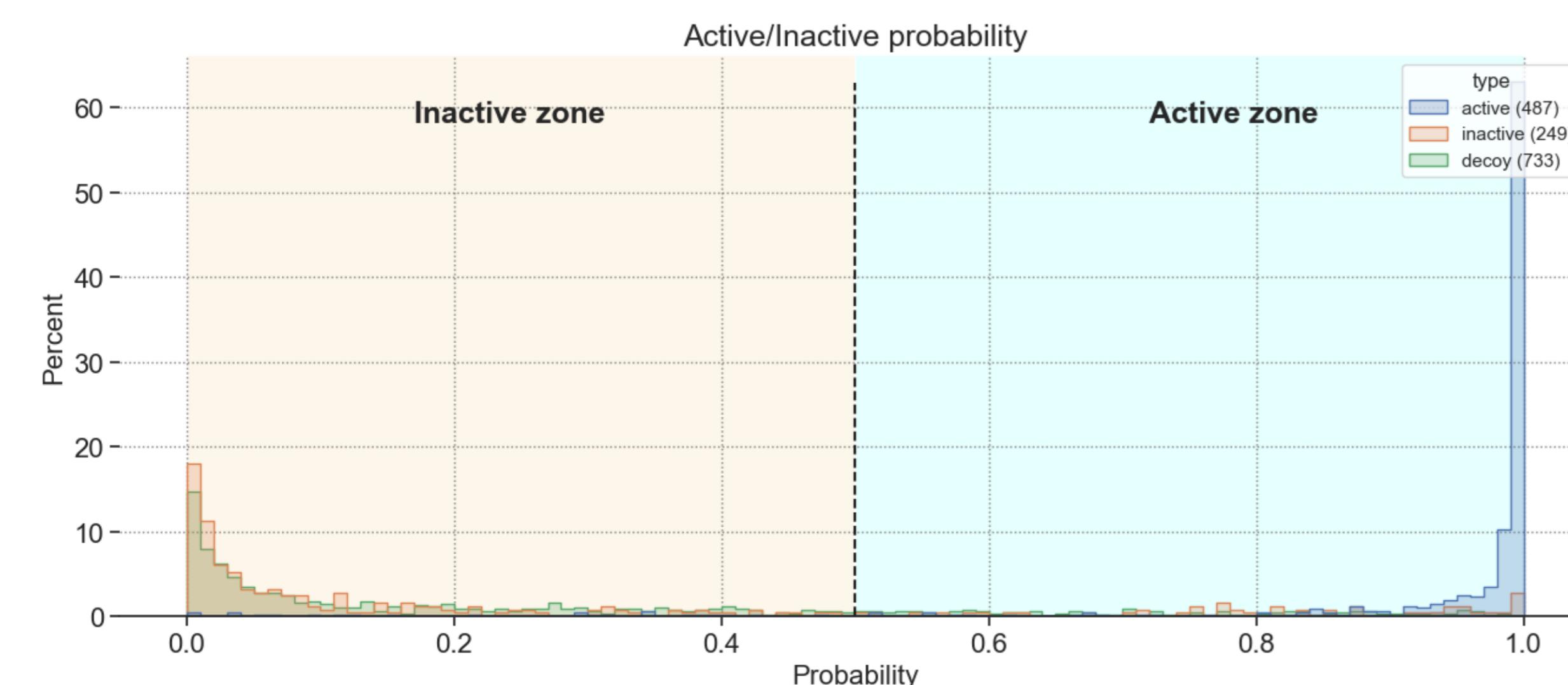
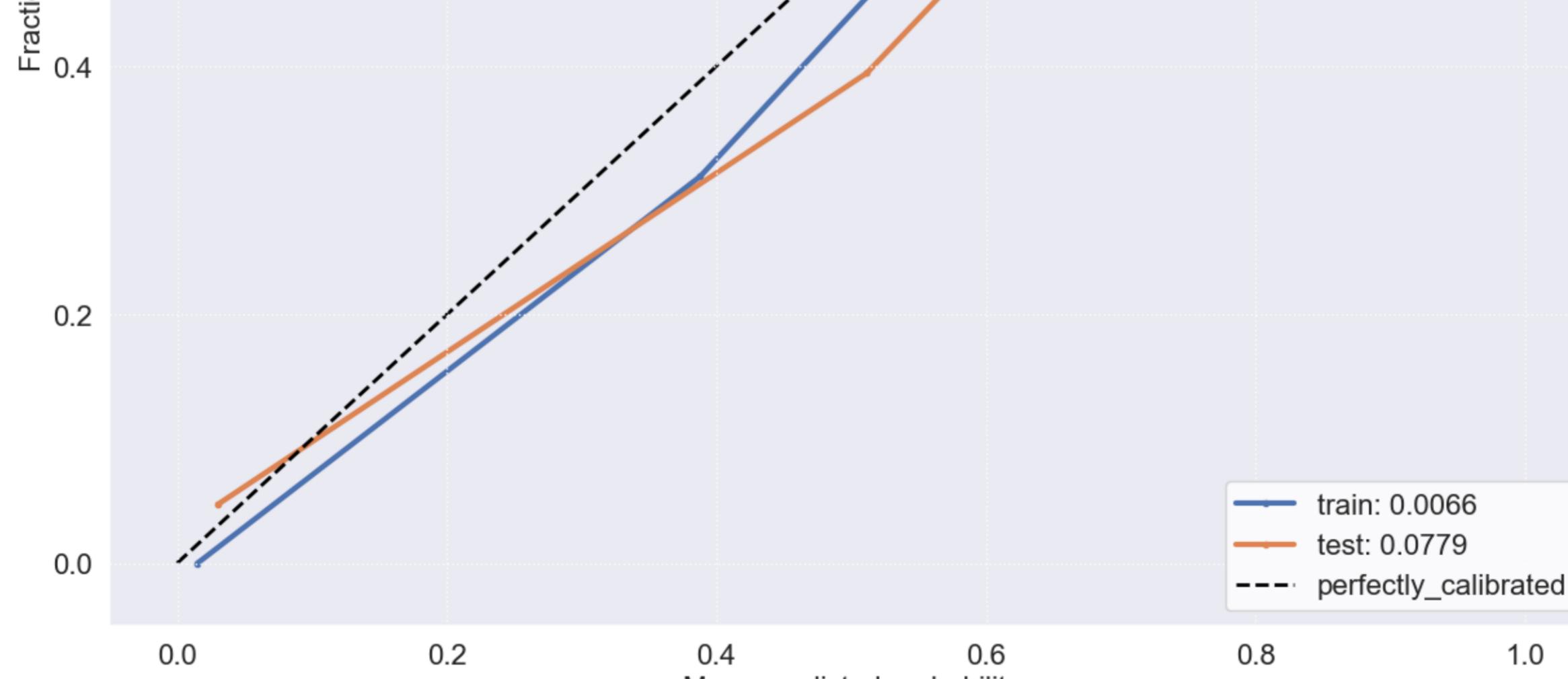
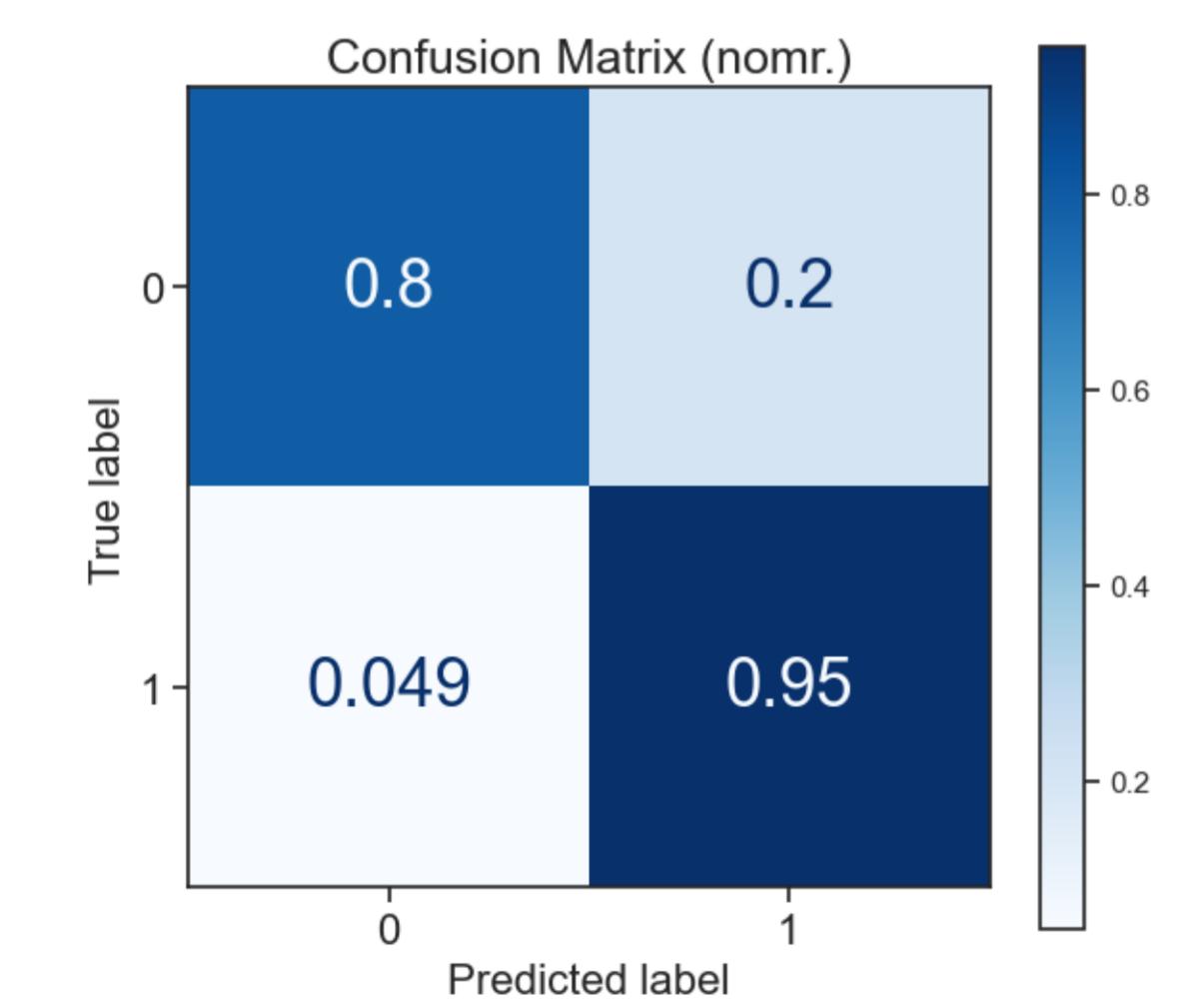
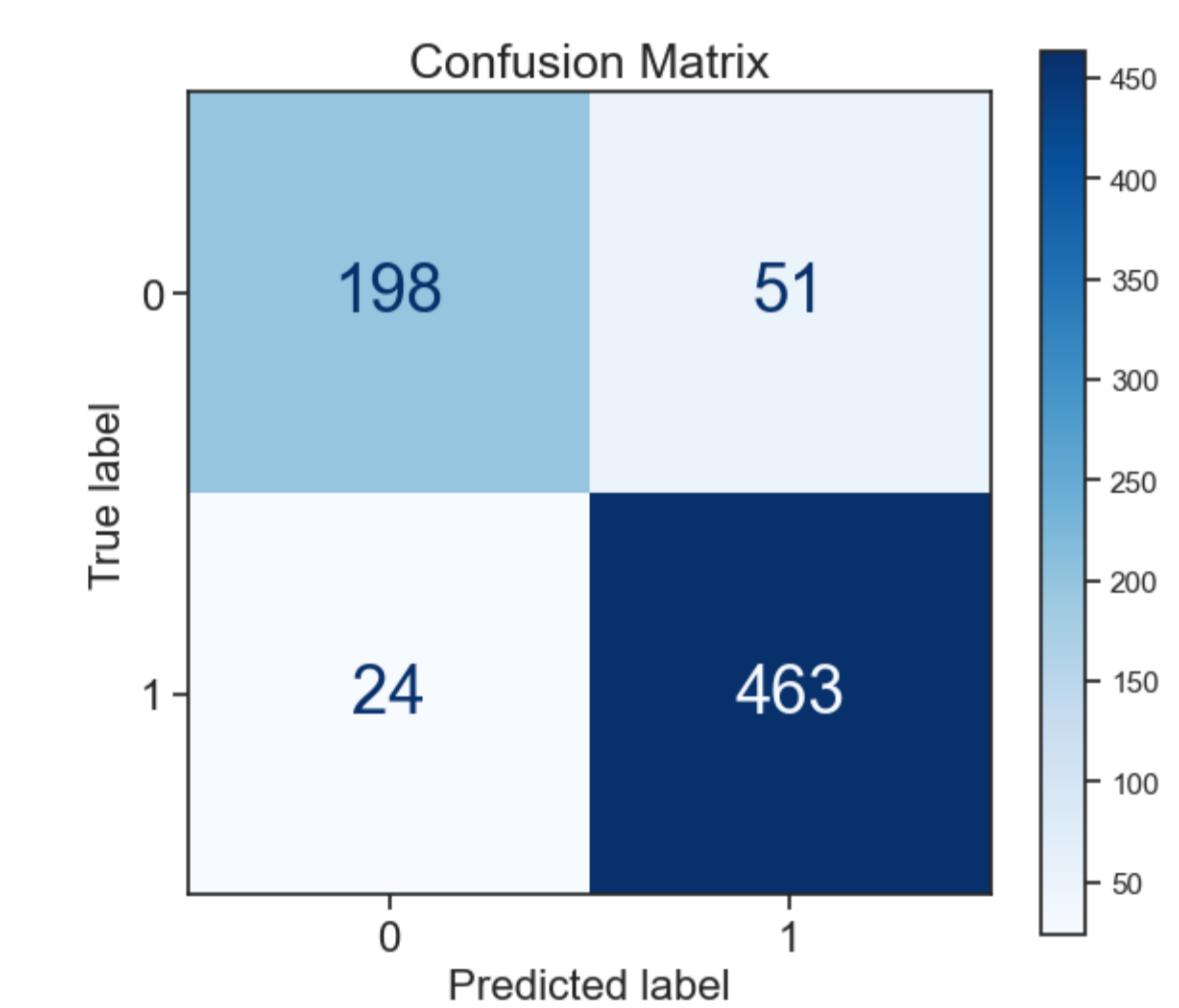
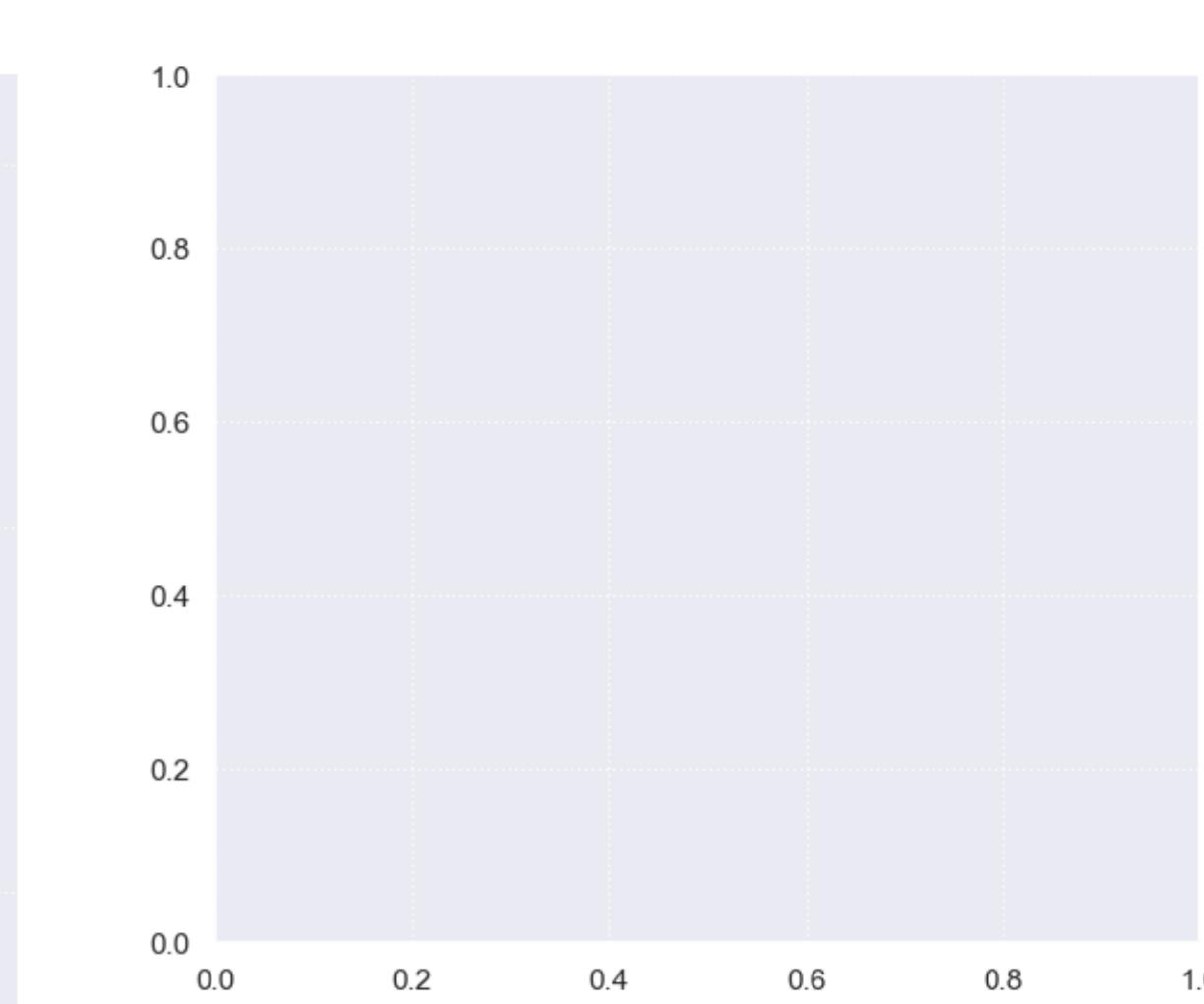
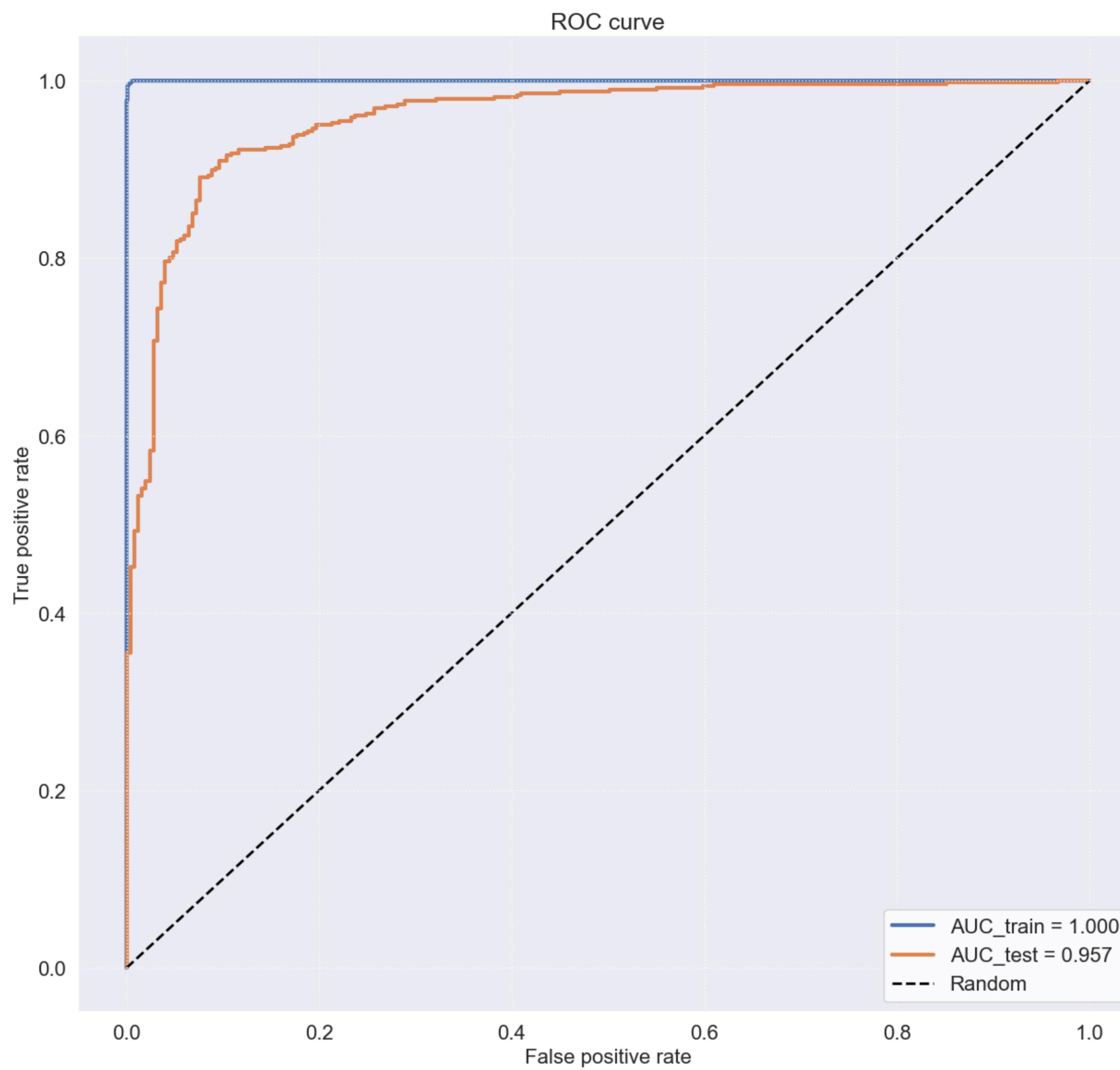
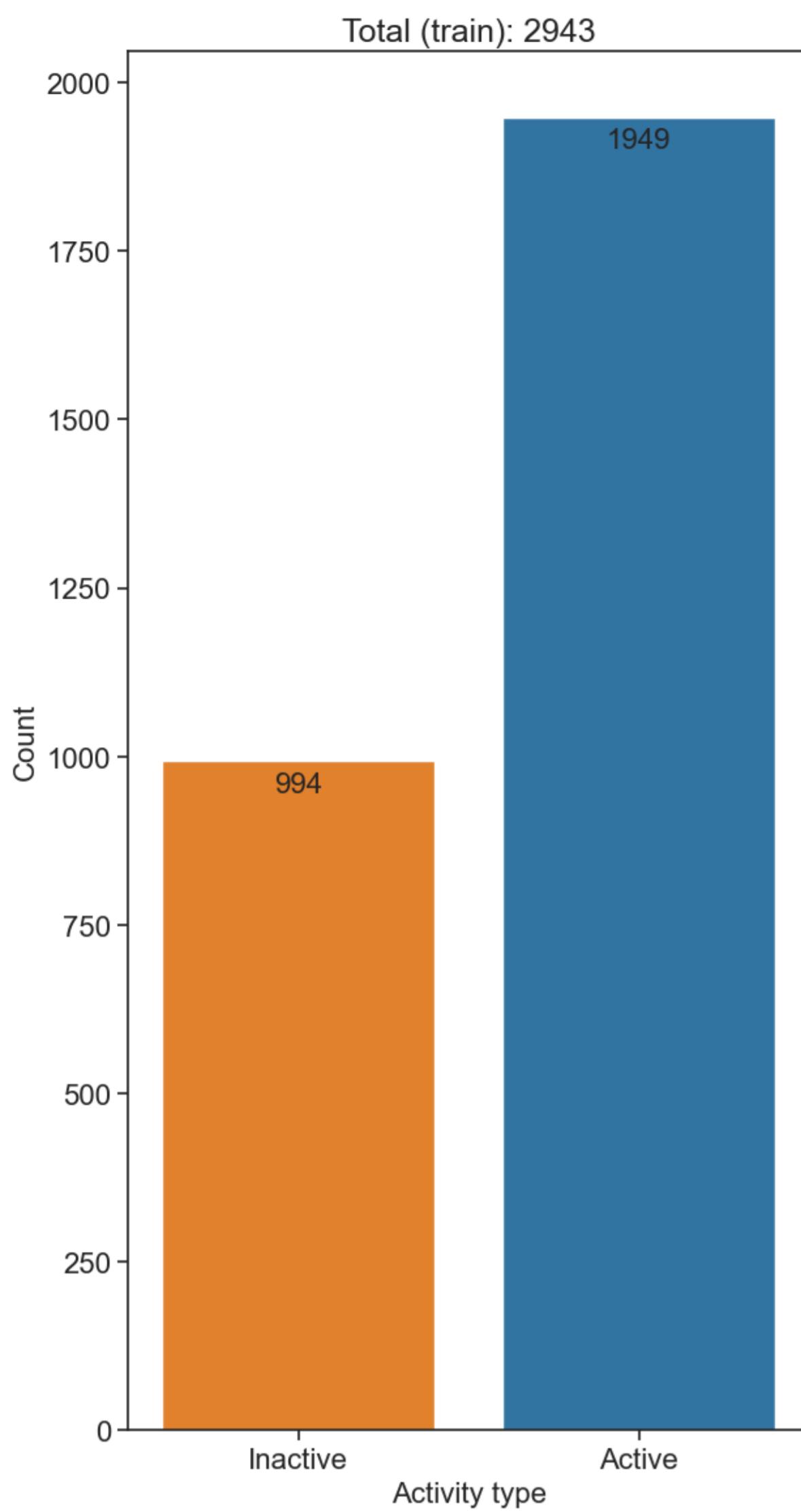
# Protein: P21554 - metric: f1



# Protein: P21554 - metric: precision



# Protein: P21554 - metric: SoftVotingXGBoostEnsemble



Metric	Train	Test
AUC	1.0	0.9575
accuracy	0.9966	0.8981
balanced accuracy	0.995	0.8729
recall_(sens)	1.0	0.9507
specificity	0.9899	0.7952
precision	0.9949	0.9008
f1_score	0.9966	0.8966