

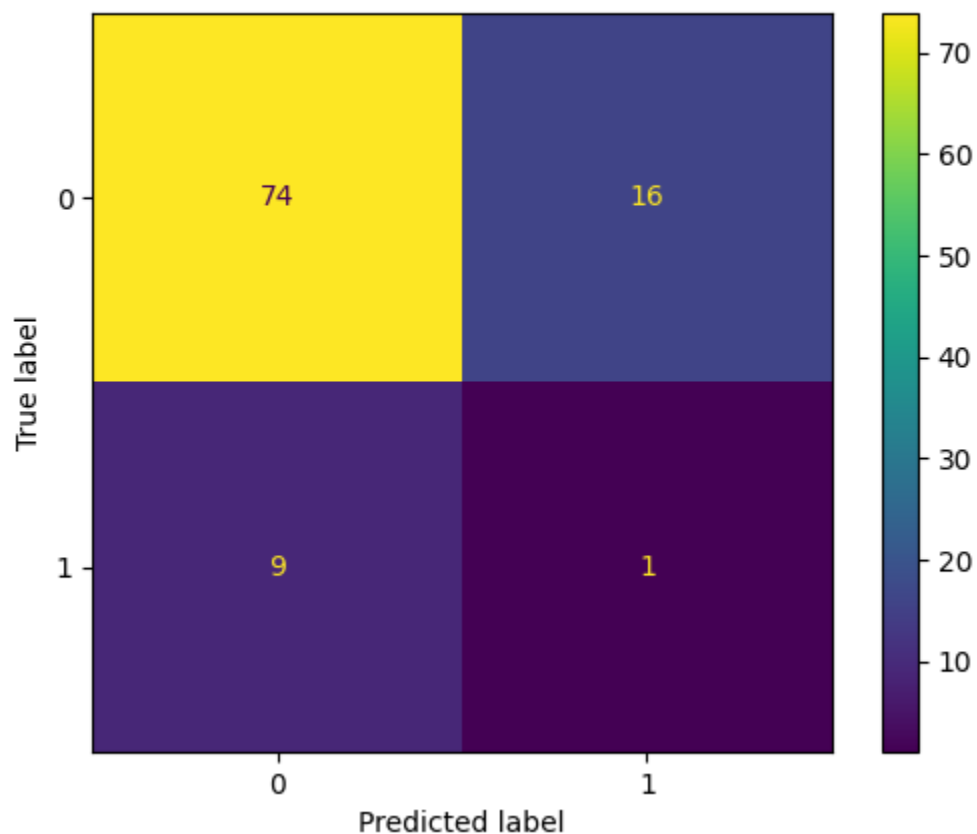
# Defect Prediction Summary

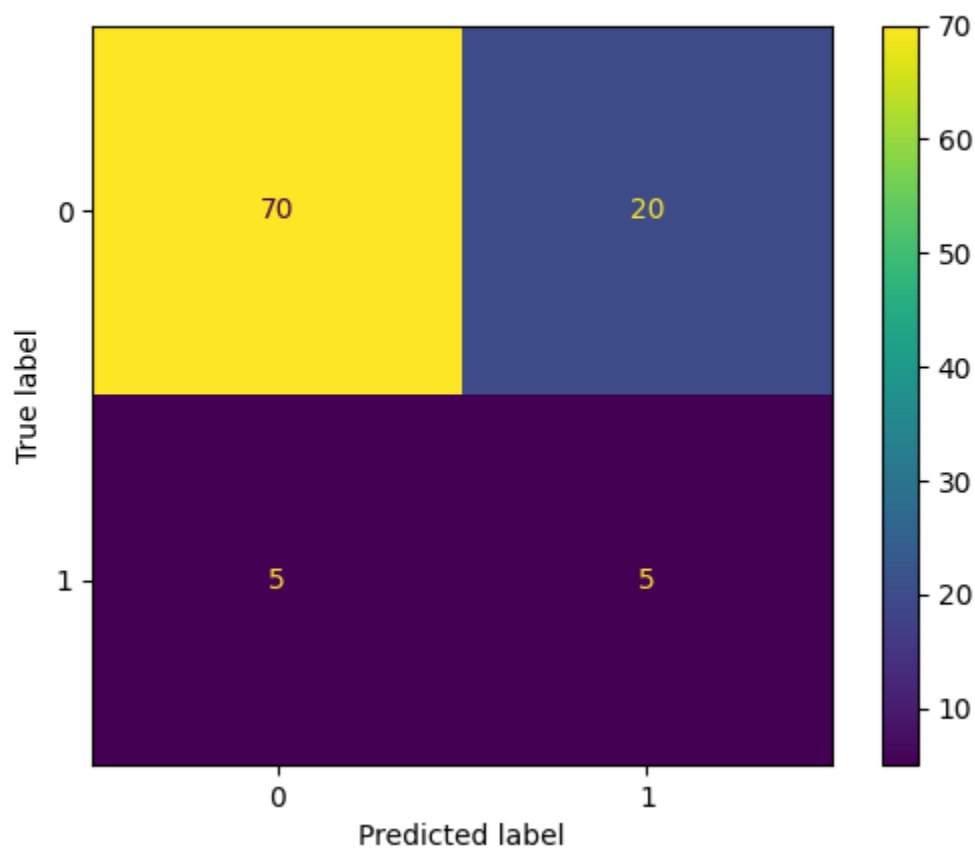
## Summary Metrics

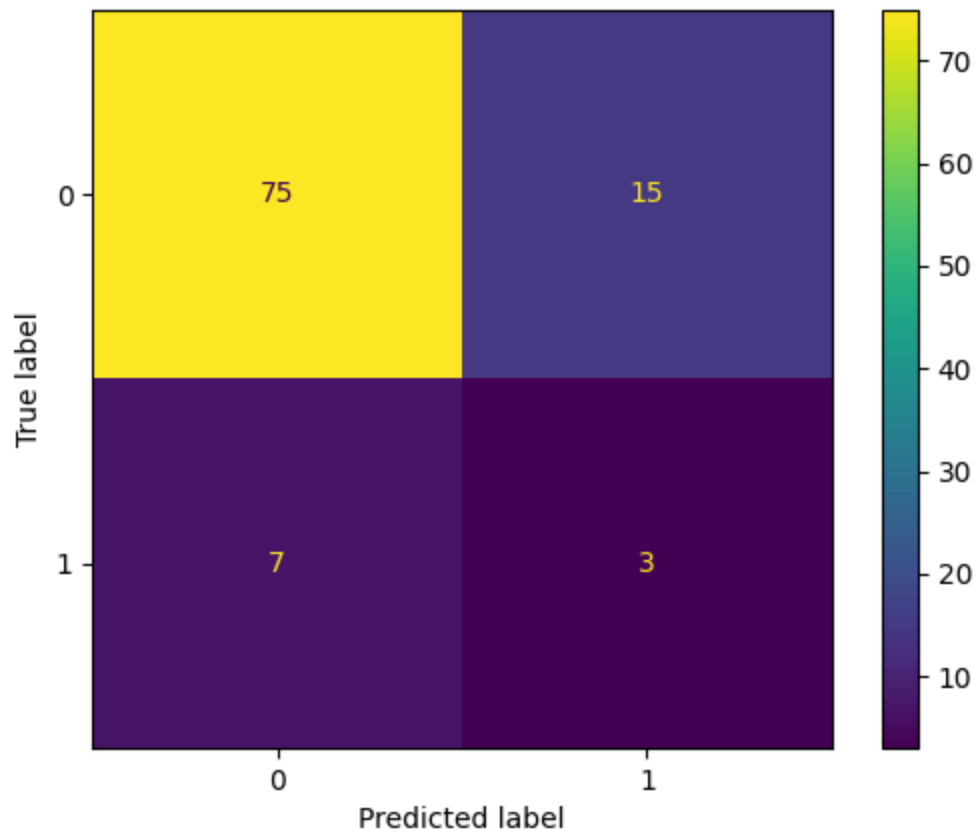
acc	prec	rec	f1	roc_auc	pr_auc	set	model
0.750000	0.200000	0.500000	0.285714	0.682222	0.225887	CM1	LogReg
0.780000	0.166667	0.300000	0.214286	0.643889	0.179233	CM1	RF
0.750000	0.058824	0.100000	0.074074	0.536667	0.127429	CM1	GNB
0.723211	0.303299	0.567696	0.395368	0.723959	0.360287	JM1	LogReg
0.836047	0.481707	0.375297	0.421896	0.801787	0.438474	JM1	RF
0.825445	0.417355	0.239905	0.304676	0.705738	0.313388	JM1	GNB
0.772435	0.359813	0.548694	0.434619	0.764308	0.391687	JM1	RF_tuned

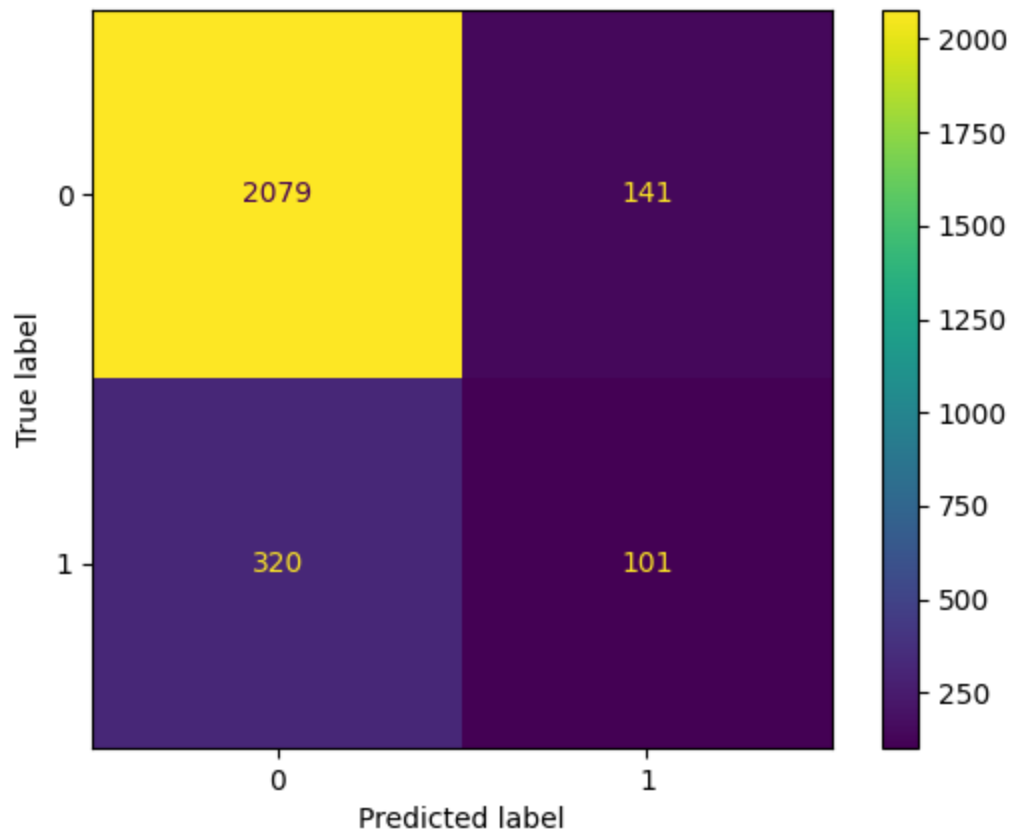
## Confusion Matrices

CM1\_GNB\_confusion.png

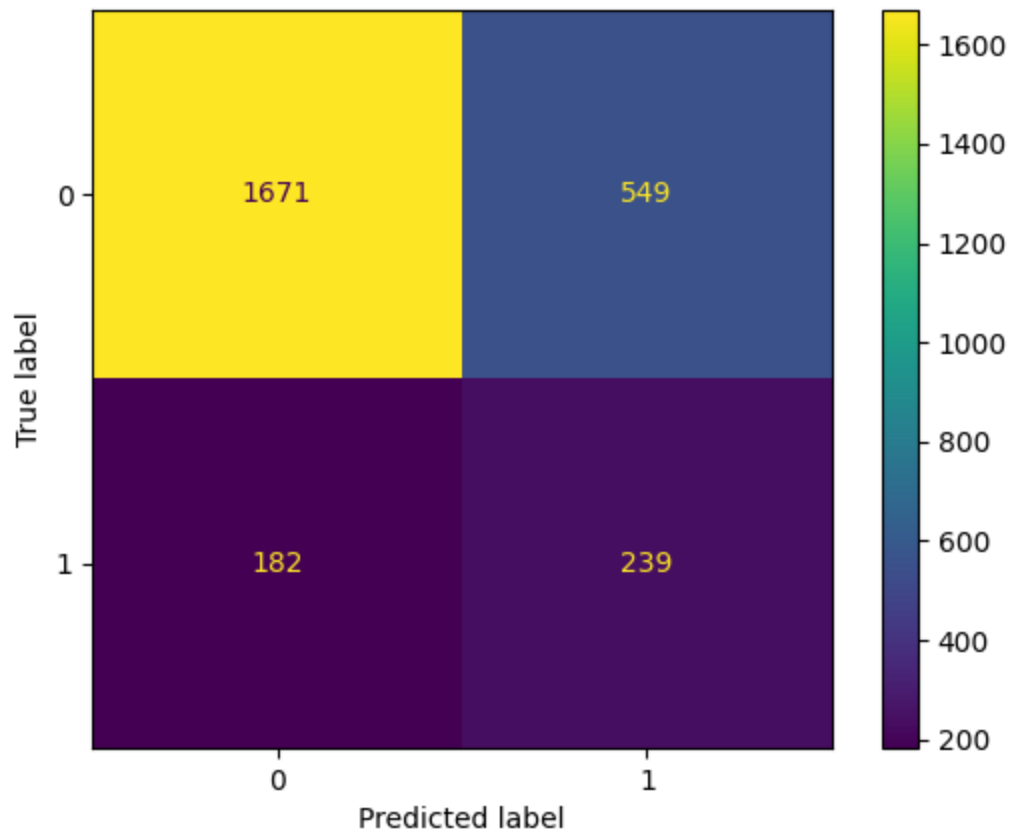


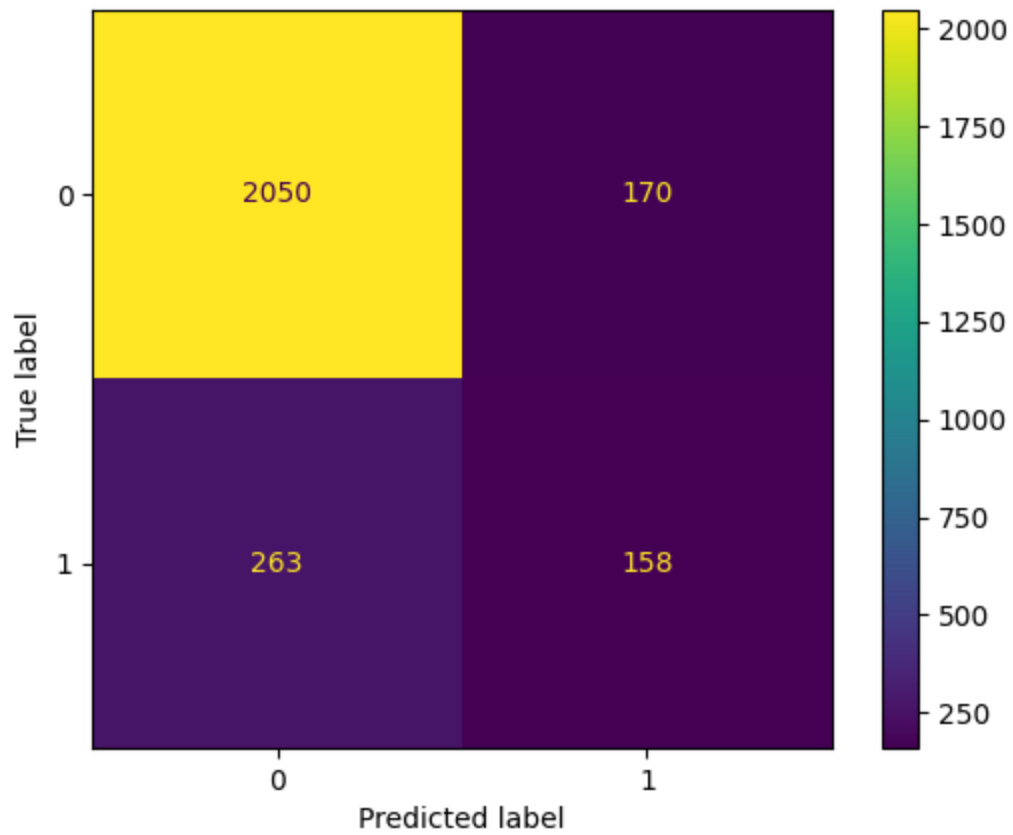
**CM1\_LogReg\_confusion.png****CM1\_RF\_confusion.png**

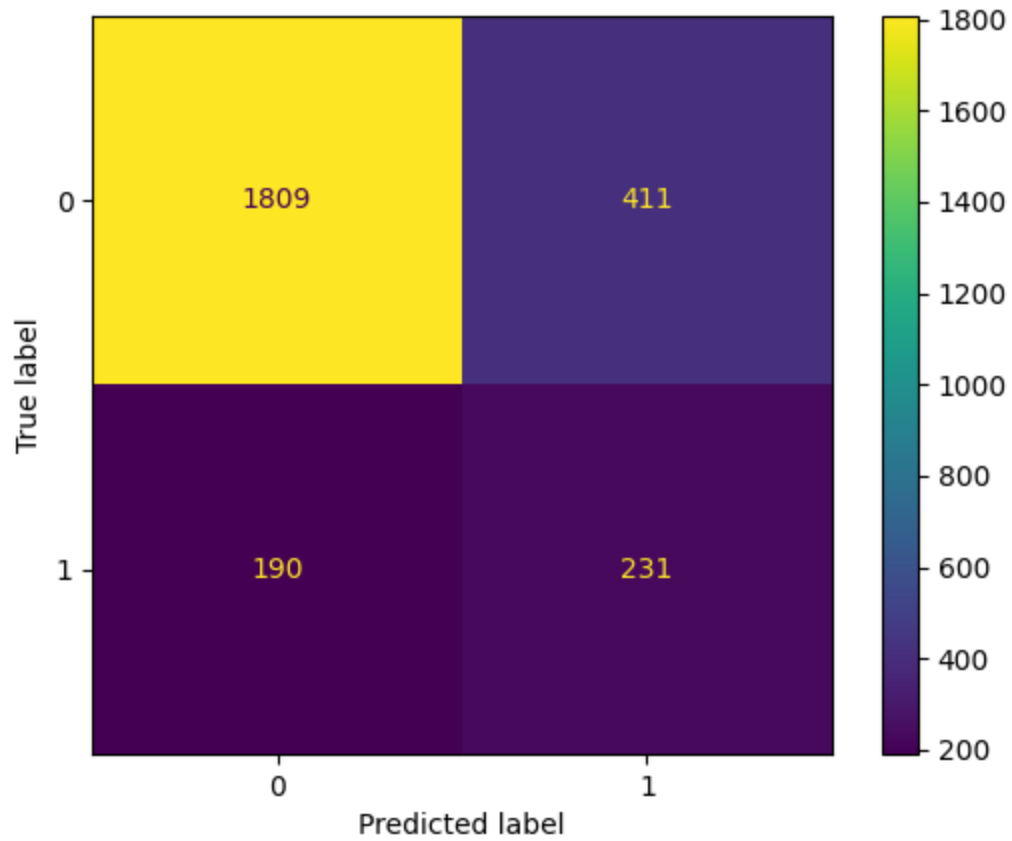
**JM1\_GNB\_confusion.png**



JM1\_LogReg\_confusion.png

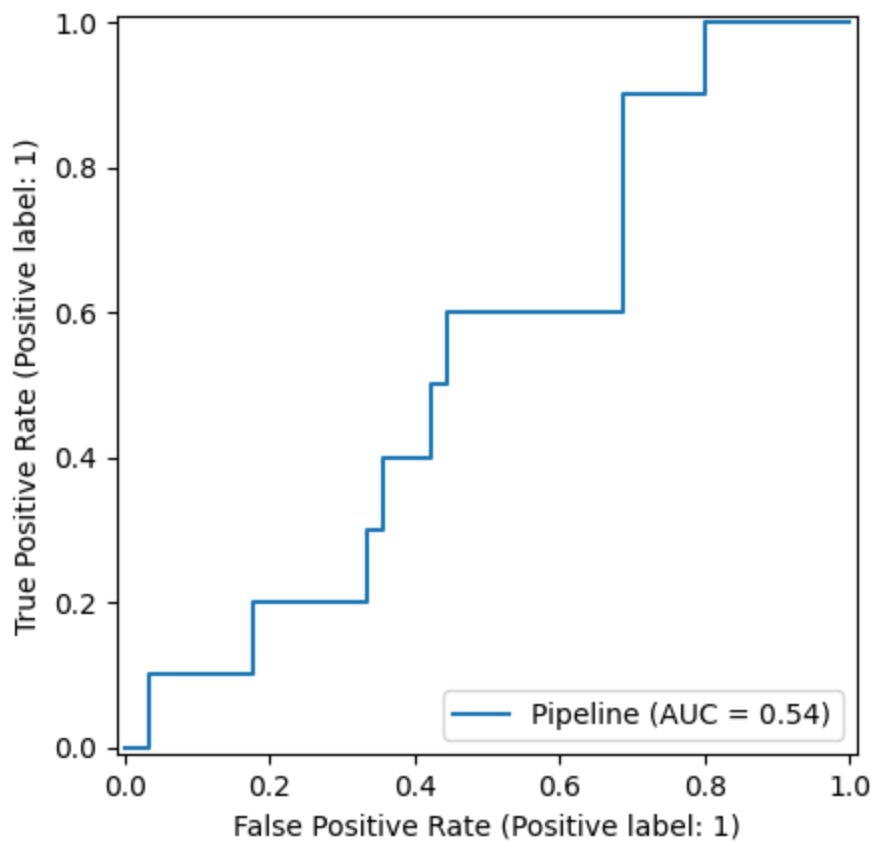
**JM1\_RF\_confusion.png**

**JM1\_RF\_tuned\_confusion.png**



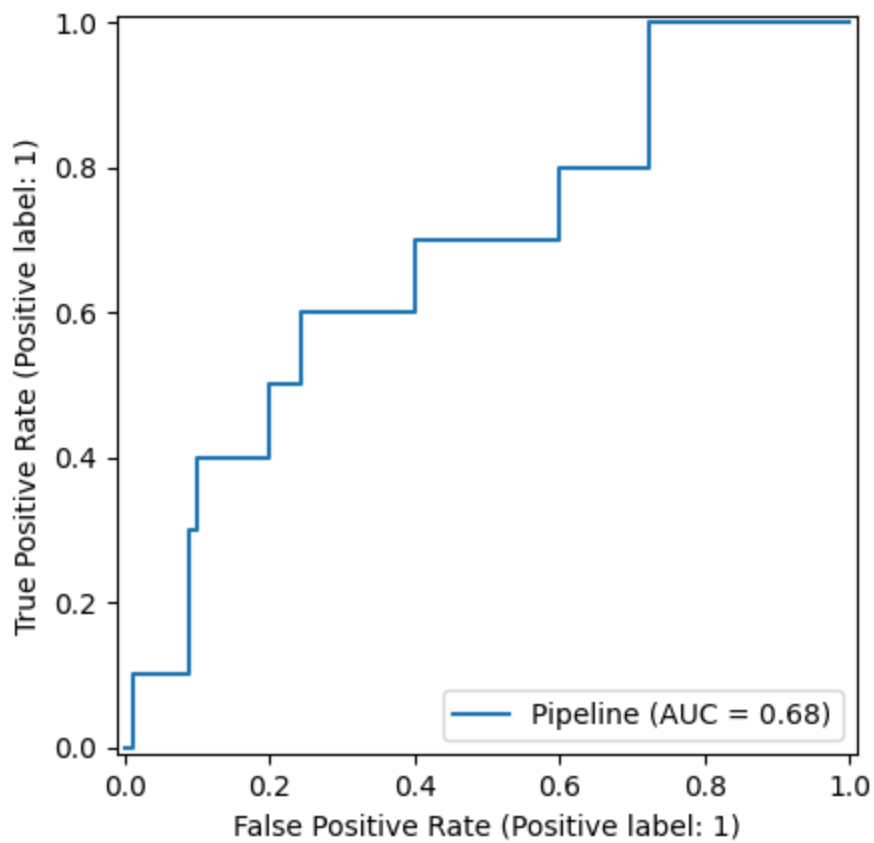
## ROC Curves

CM1\_GNB\_roc.png

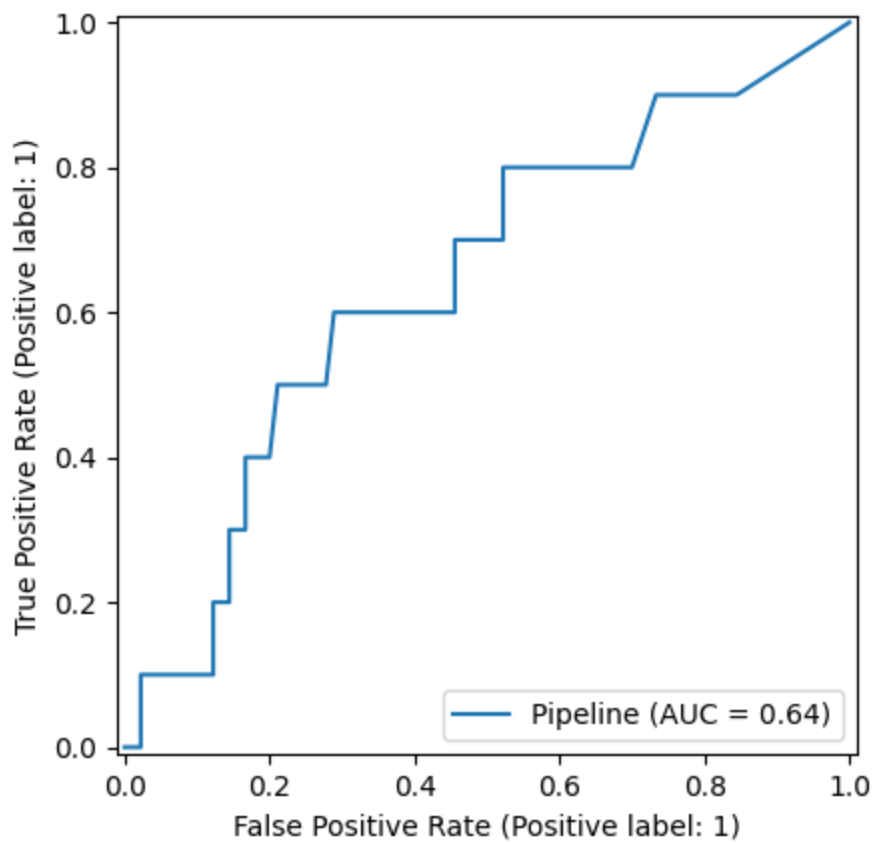


CM1\_LogReg\_roc.png

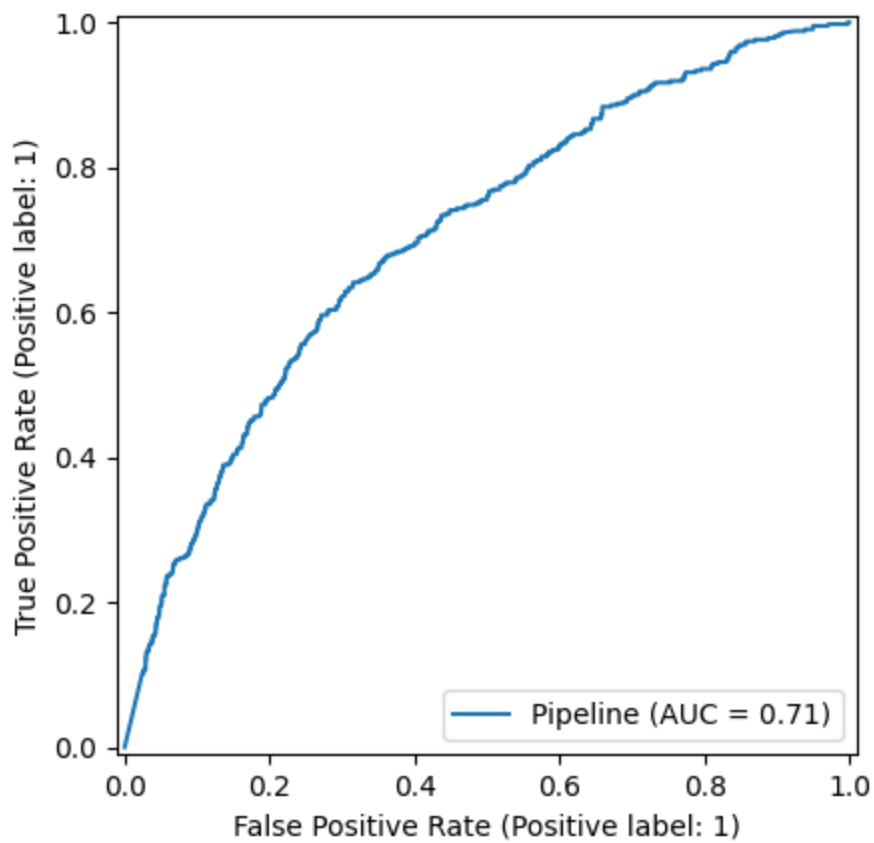




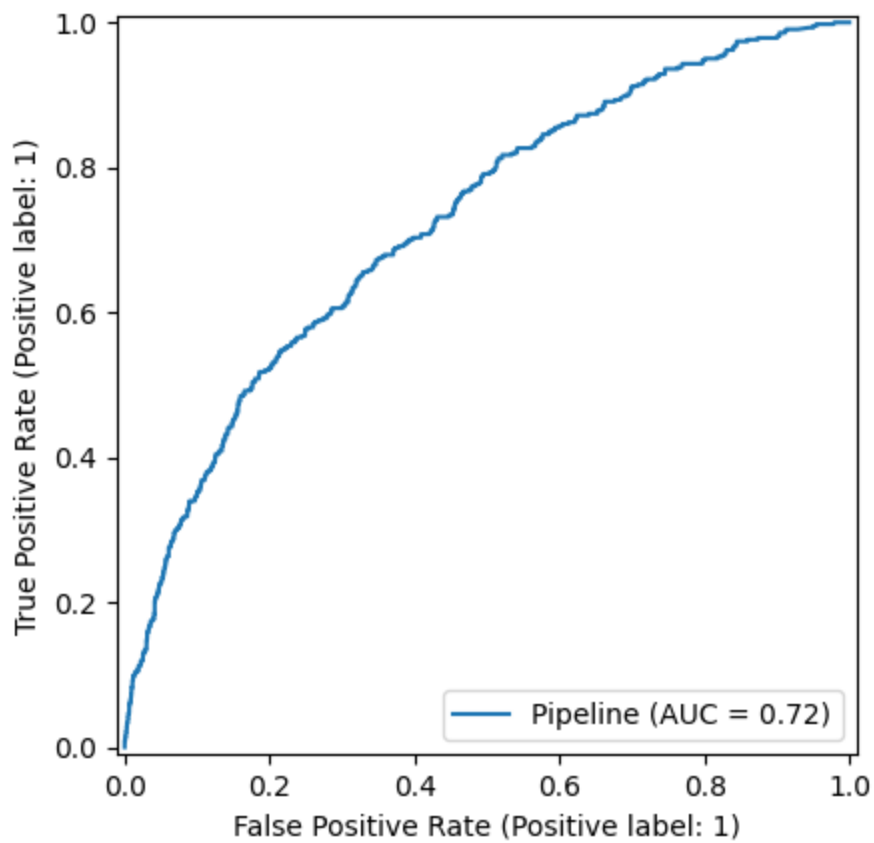
CM1\_RF\_roc.png

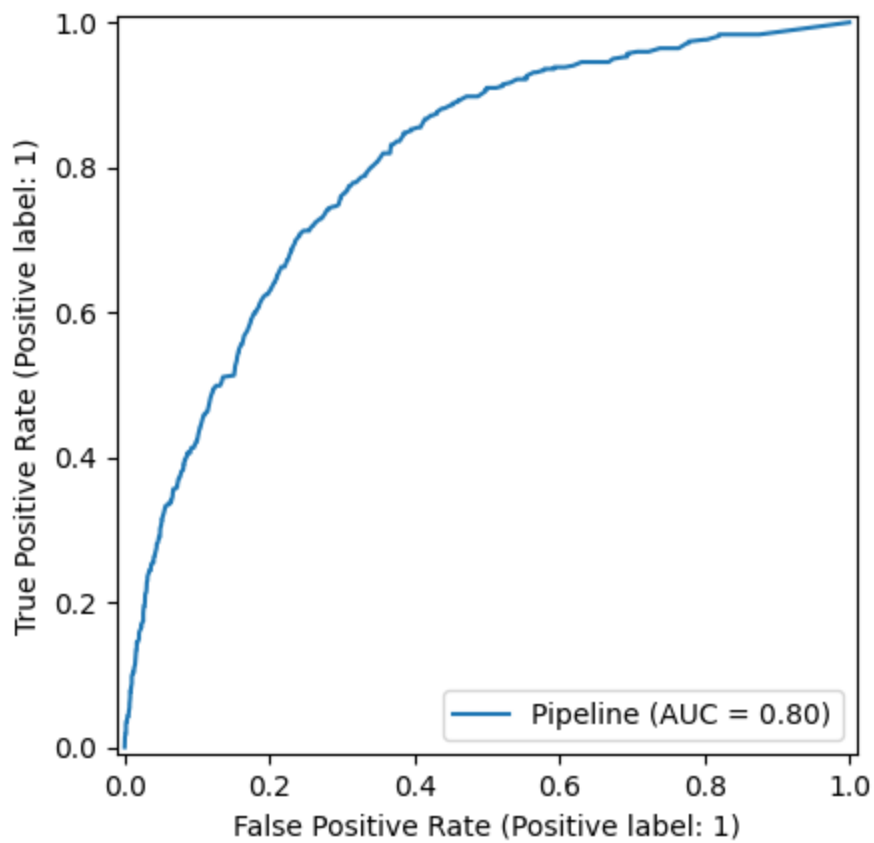


JM1\_GNB\_roc.png

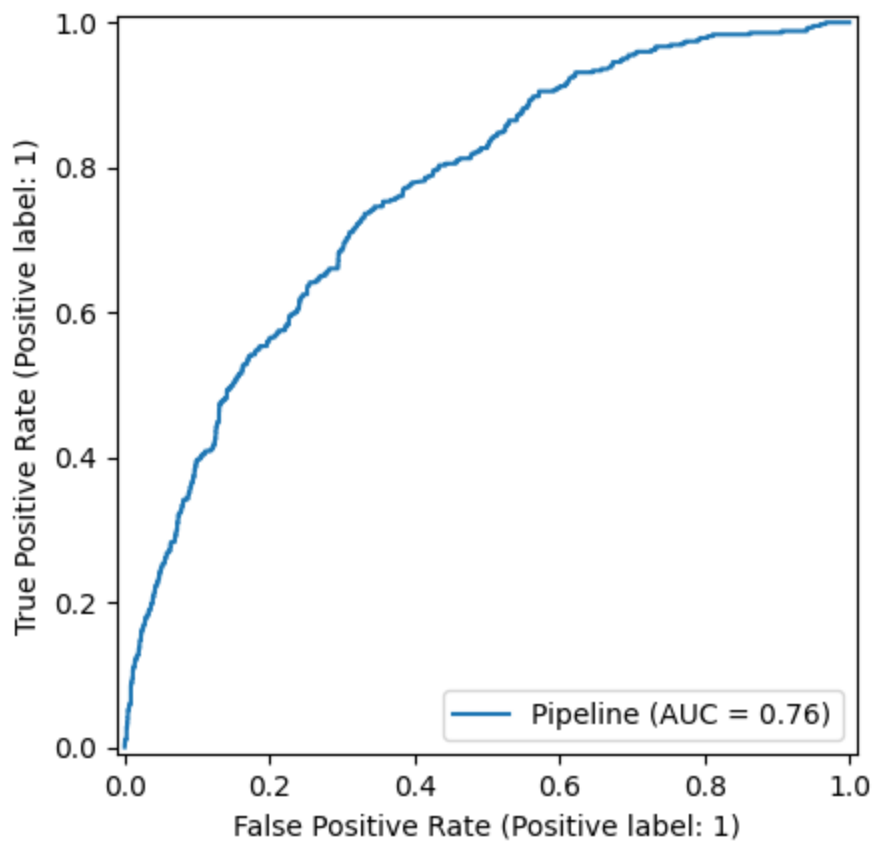


JM1\_LogReg\_roc.png

**JM1\_RF\_roc.png**

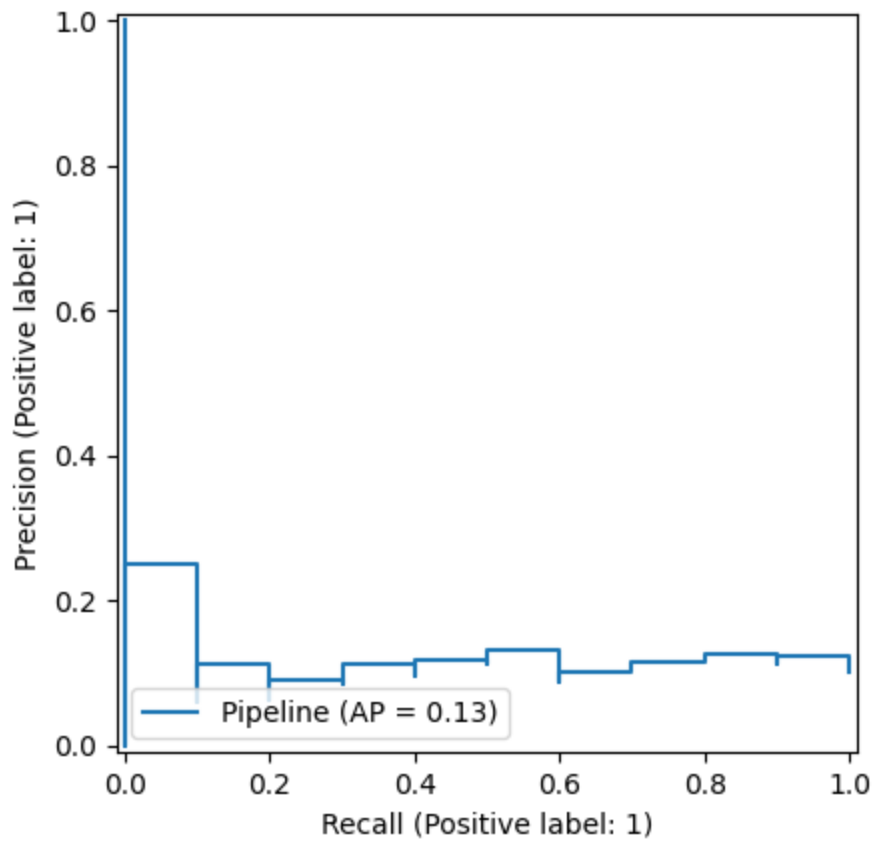


JM1\_RF\_tuned\_roc.png

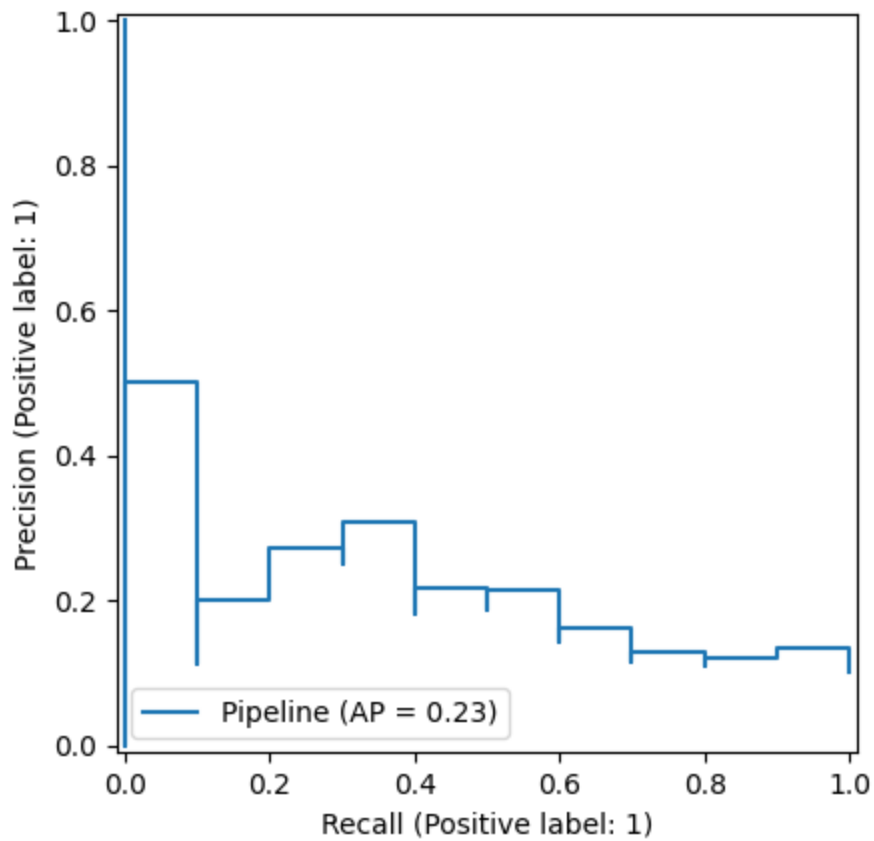


## Precision-Recall Curves

CM1\_GNB\_pr.png

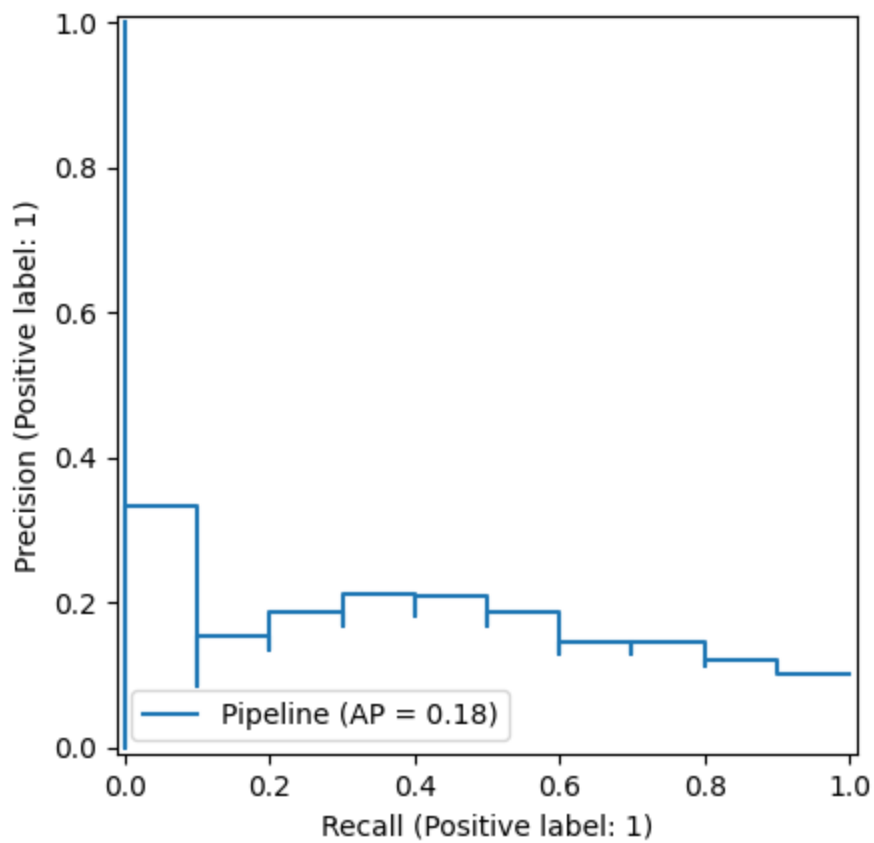


CM1\_LogReg\_pr.png

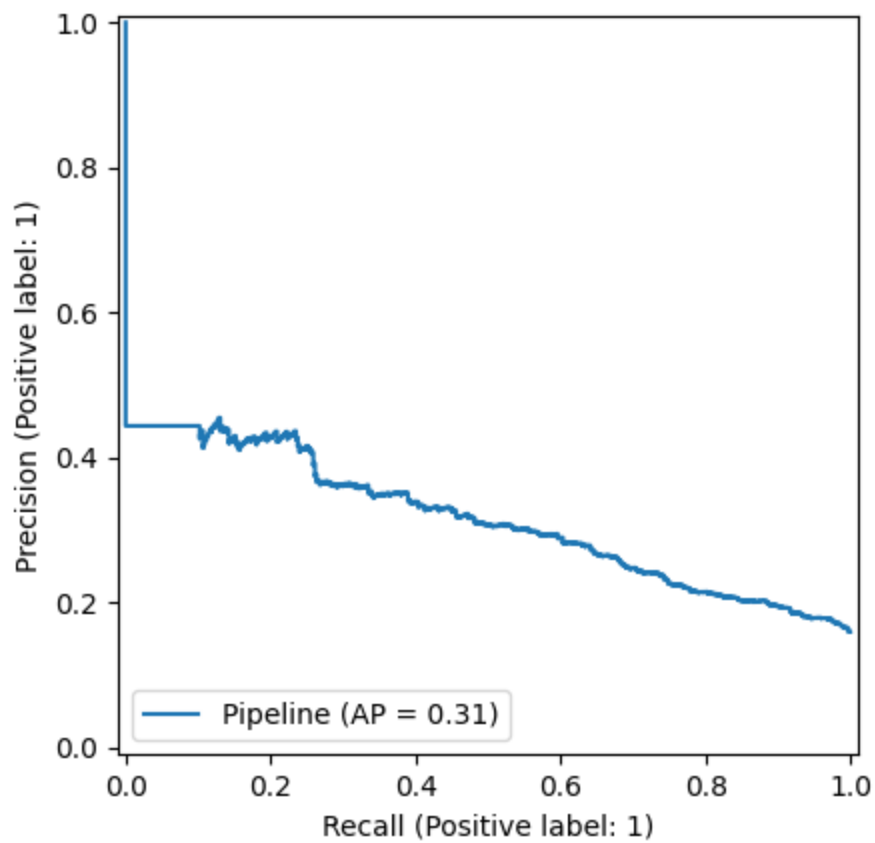


CM1\_RF\_pr.png

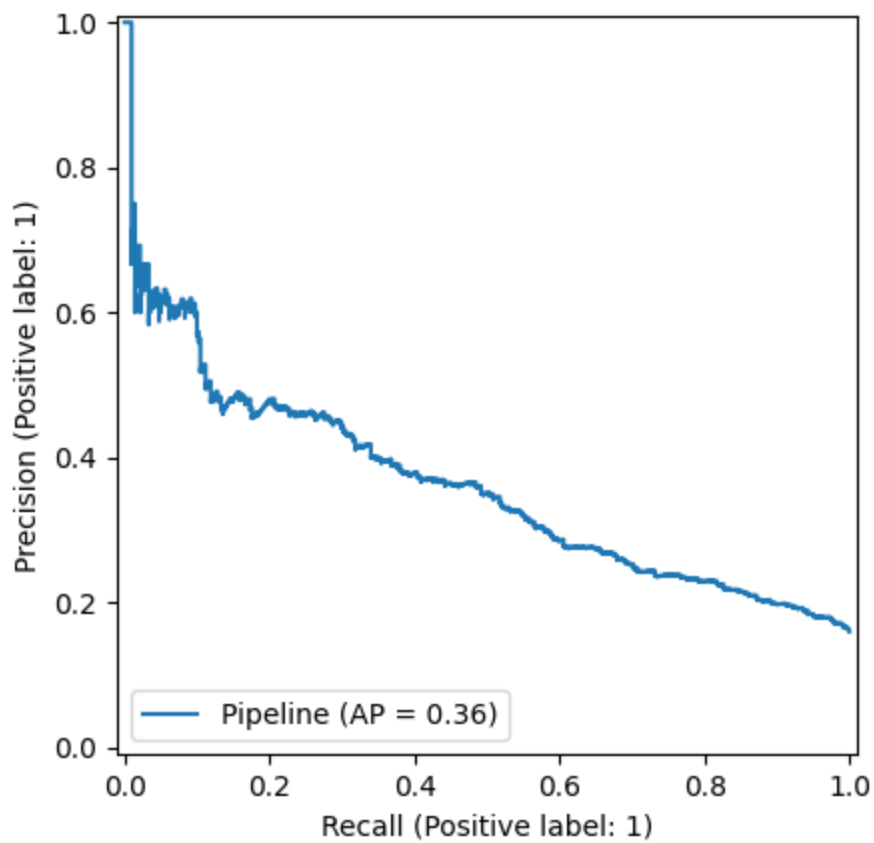




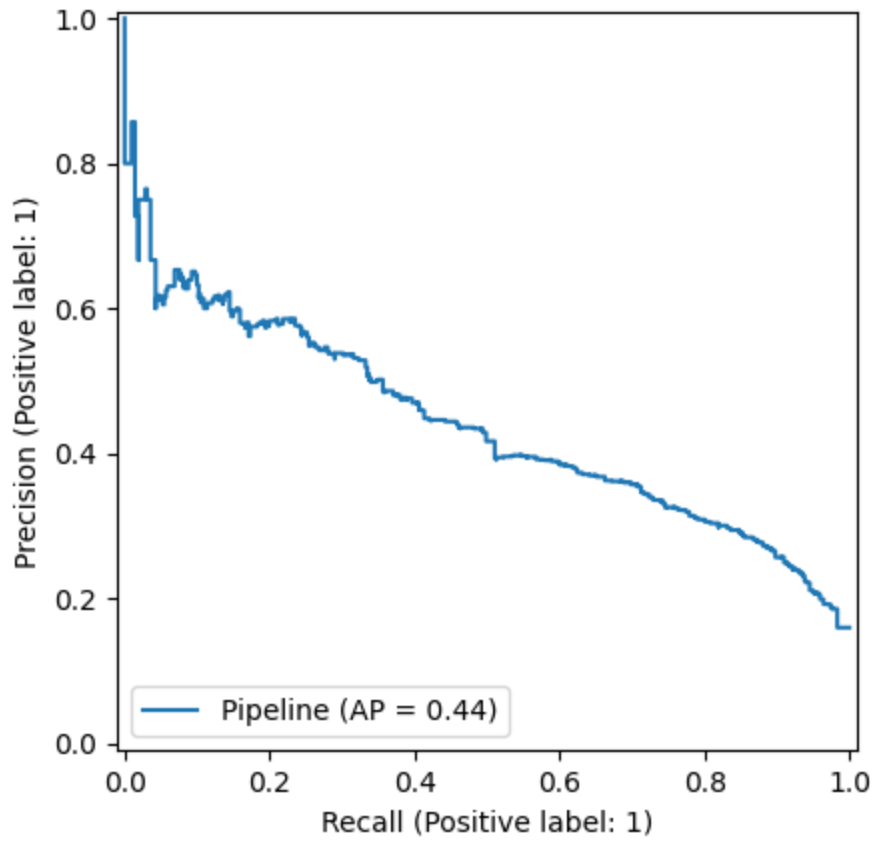
JM1\_GNB\_pr.png



JM1\_LogReg\_pr.png



JM1\_RF\_pr.png



JM1\_RF\_tuned\_pr.png

