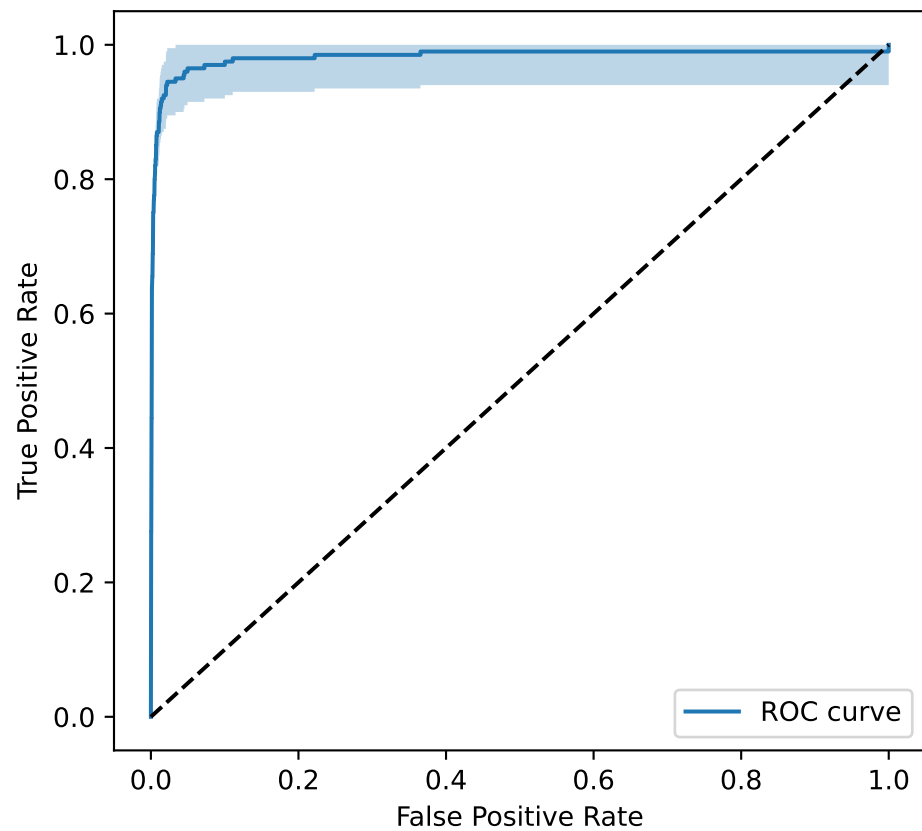
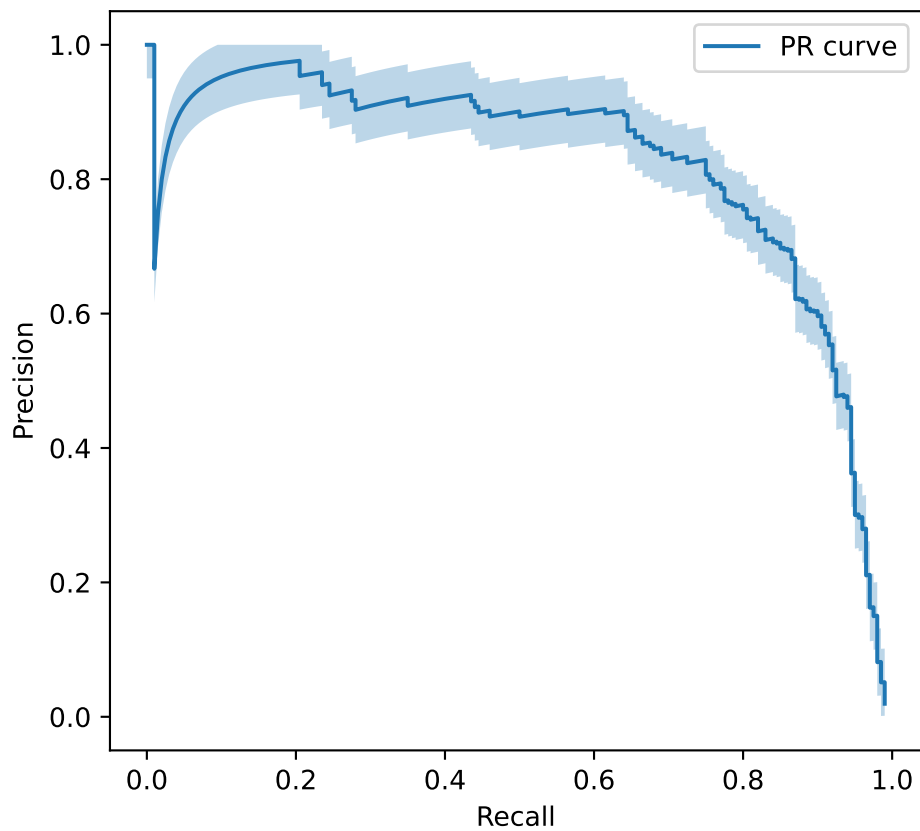


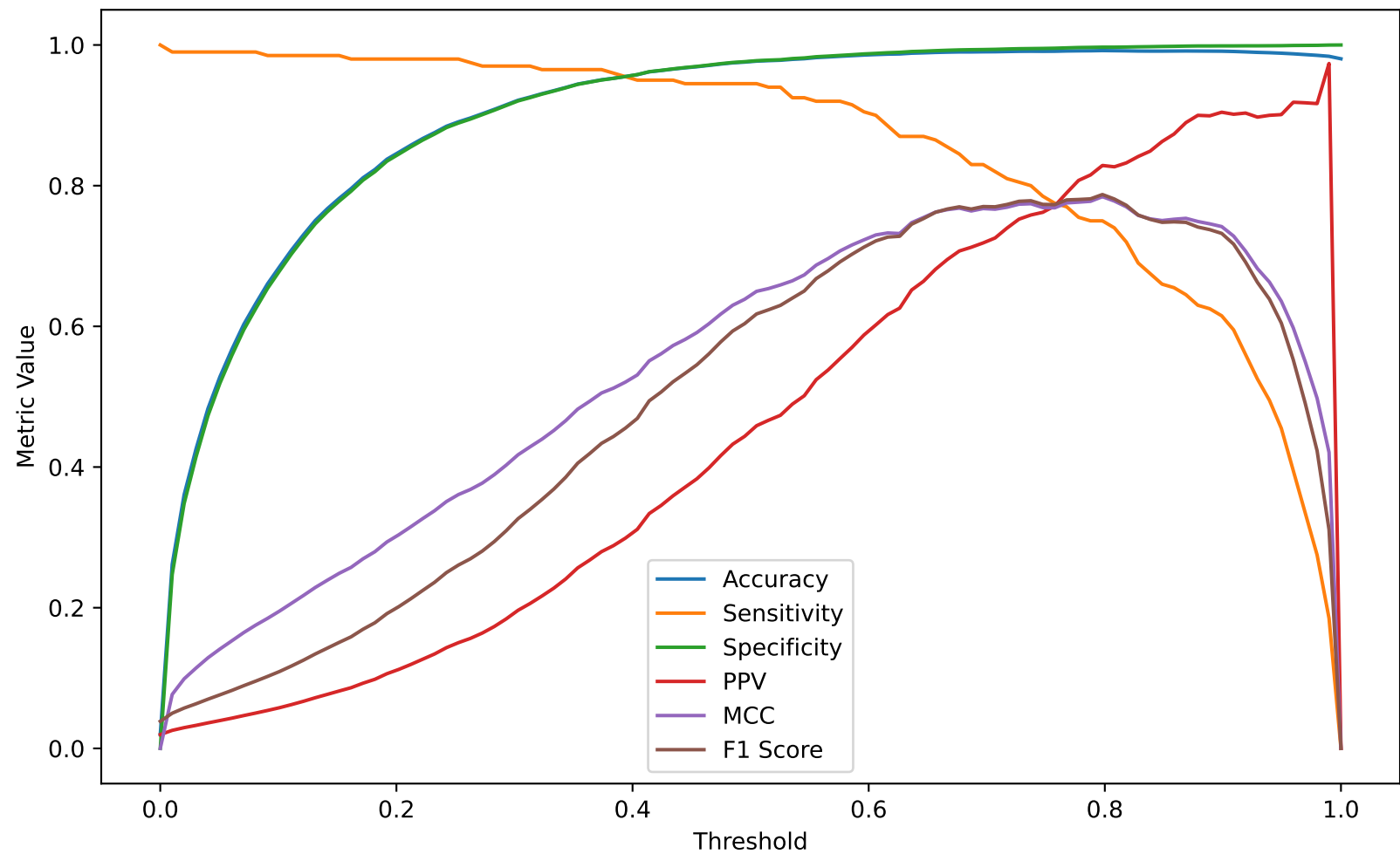
ROC Curve



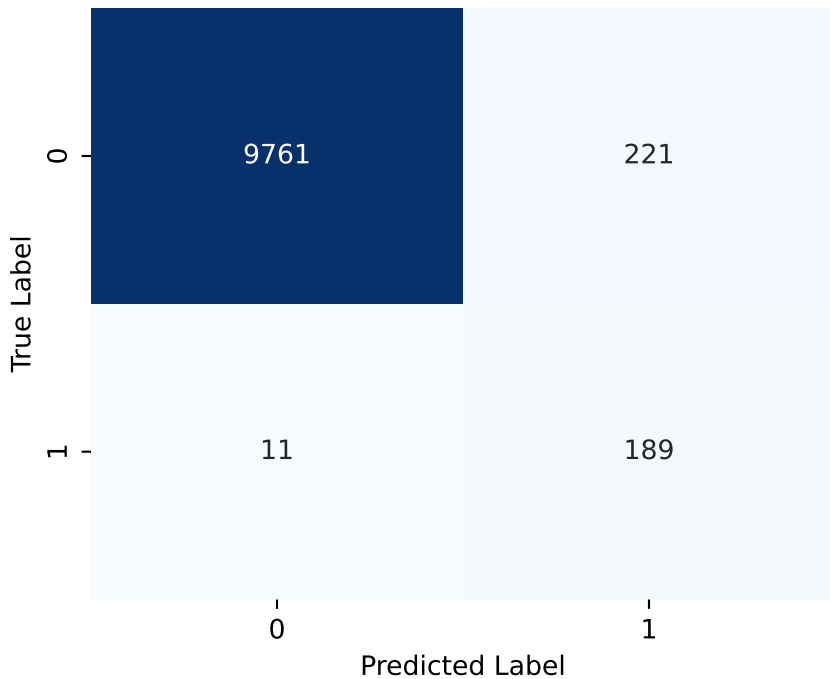
Precision-Recall Curve



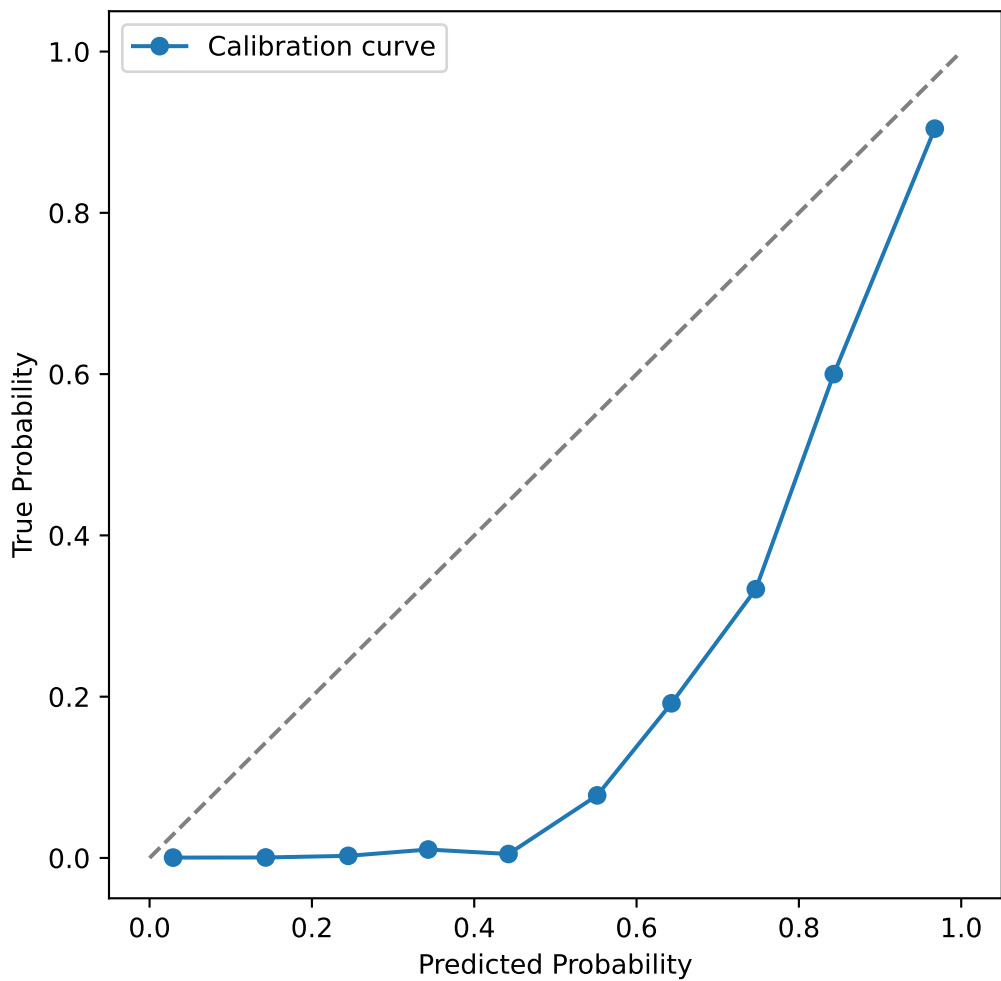
Metrics Across Thresholds



Confusion Matrix (Optimal Threshold)



Calibration Plot



Performance Metrics at Optimal Threshold

Metric	Value	95% CI
Accuracy	0.977	[0.975, 0.980]
Sensitivity	0.945	[0.913, 0.974]
Specificity	0.978	[0.975, 0.981]
PPV	0.461	[0.410, 0.510]
MCC	0.651	[0.610, 0.685]
F1 Score	0.620	[0.568, 0.663]
AUC-ROC	0.982	[0.965, 0.994]
AUC-PR	0.823	[0.767, 0.877]

Distribution of Predictions

