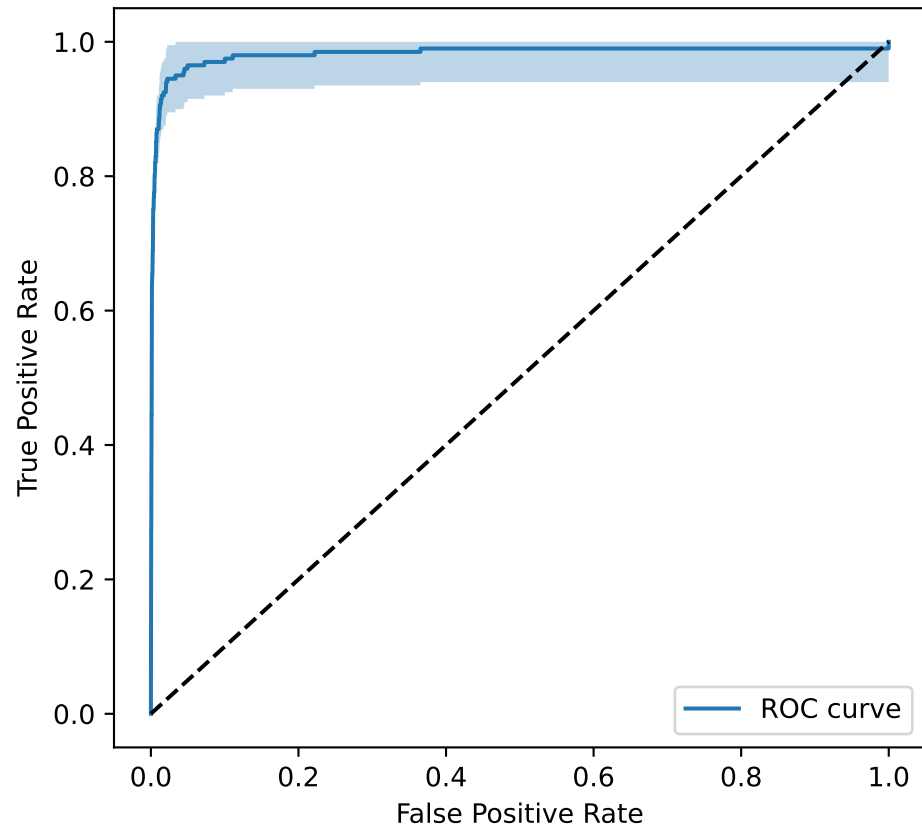
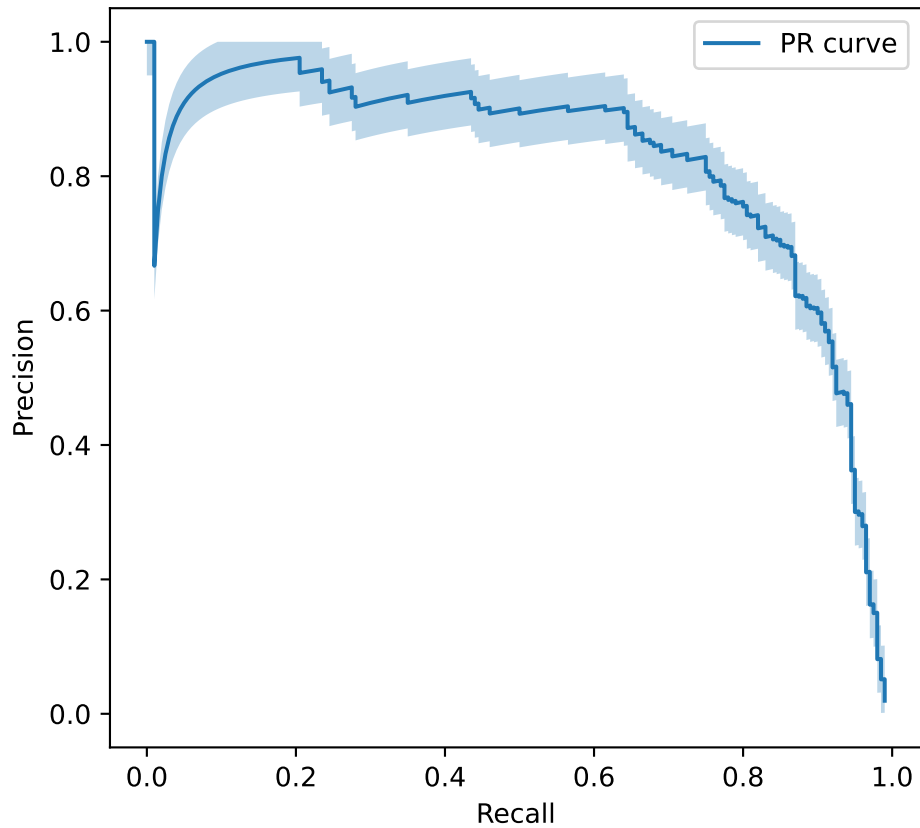


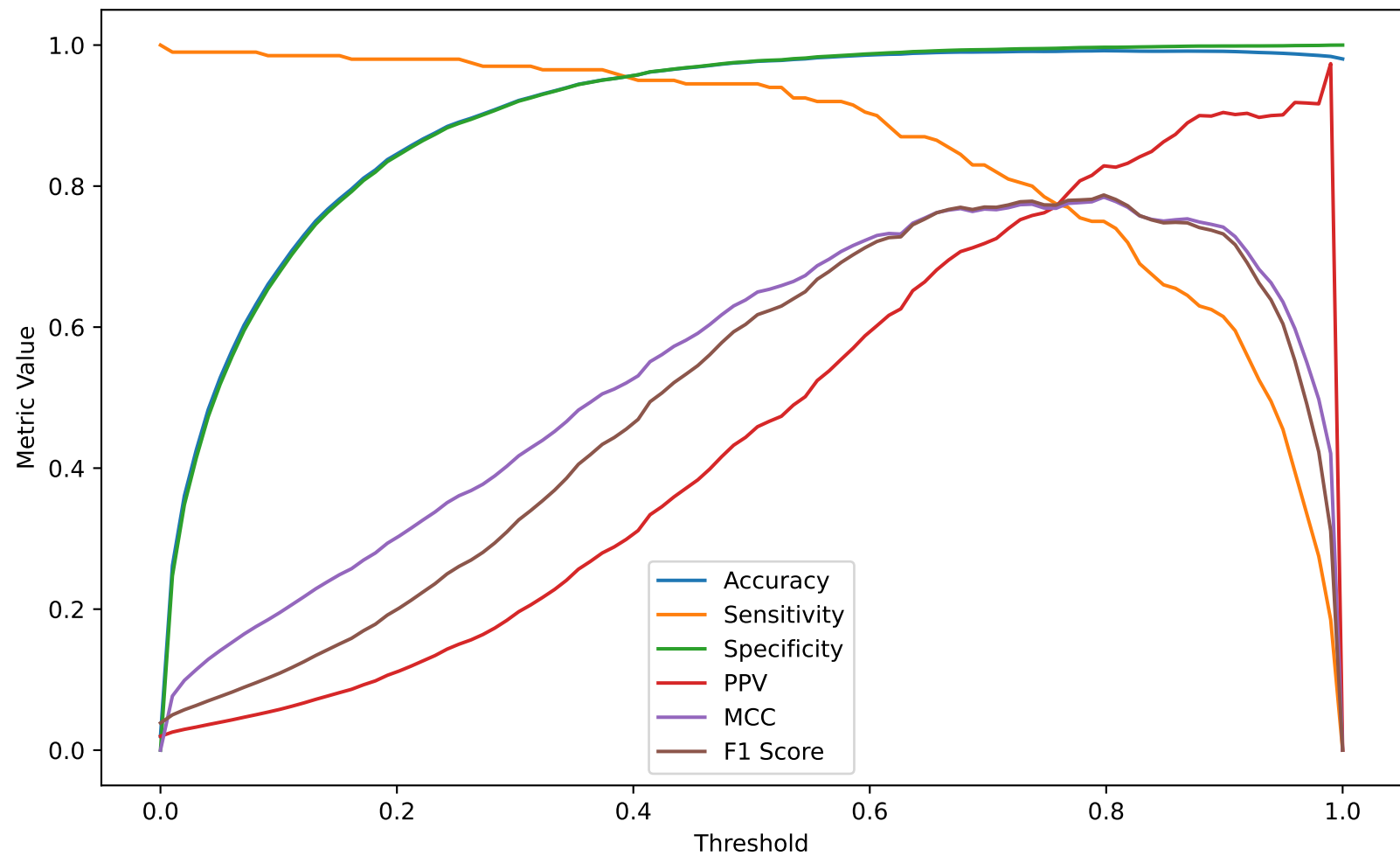
ROC Curve



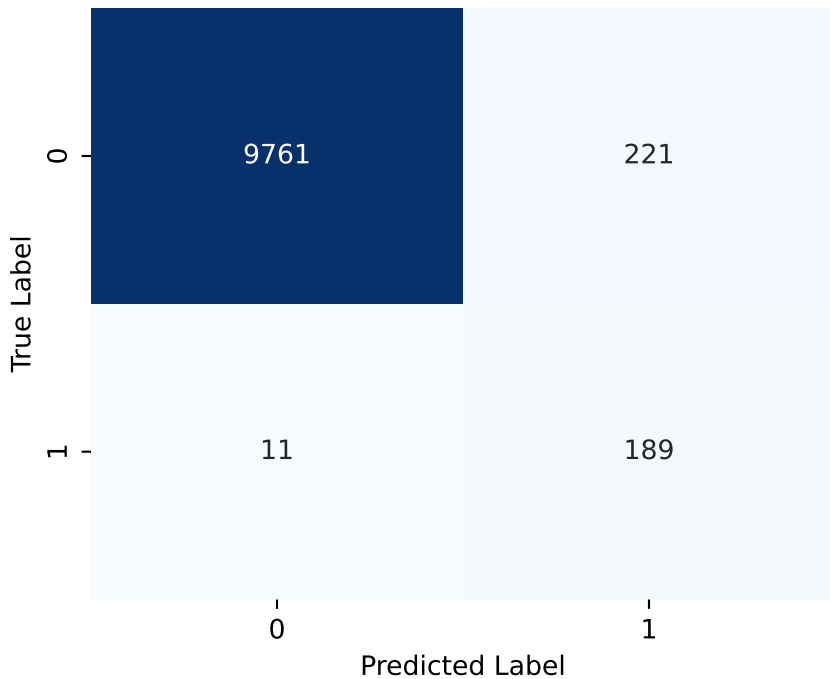
Precision-Recall Curve



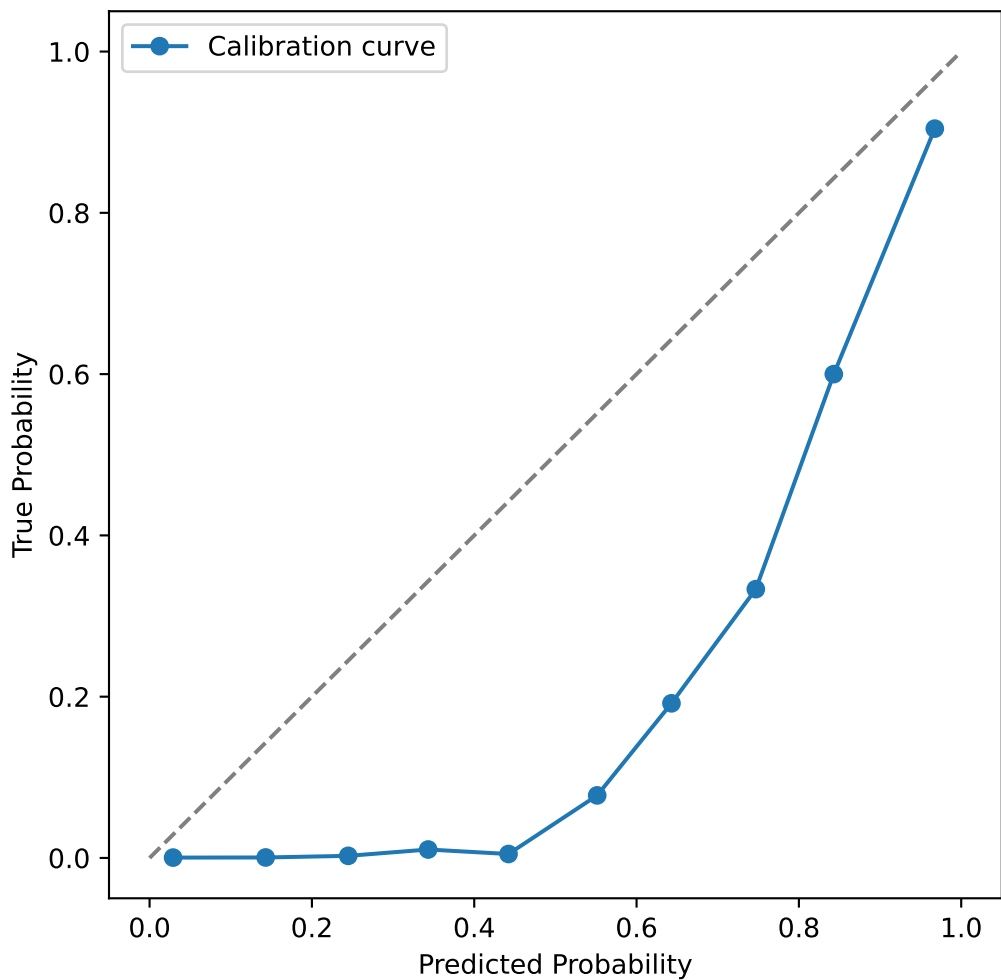
Metrics Across Thresholds



Confusion Matrix (Optimal Threshold)



Calibration Plot



Performance Metrics at Optimal Threshold

Metric	Value	95% CI
Accuracy	0.977	[0.974, 0.980]
Sensitivity	0.945	[0.910, 0.973]
Specificity	0.978	[0.975, 0.981]
PPV	0.461	[0.411, 0.507]
MCC	0.651	[0.615, 0.691]
F1 Score	0.620	[0.571, 0.662]
AUC-ROC	0.982	[0.966, 0.994]
AUC-PR	0.823	[0.764, 0.881]

Distribution of Predictions

