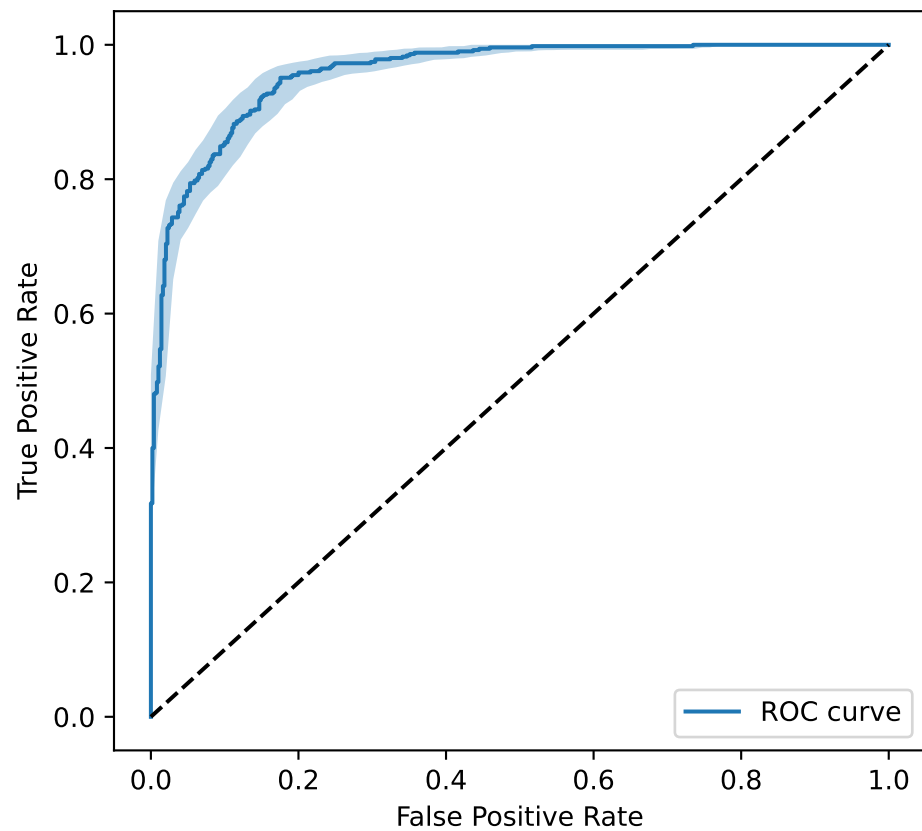
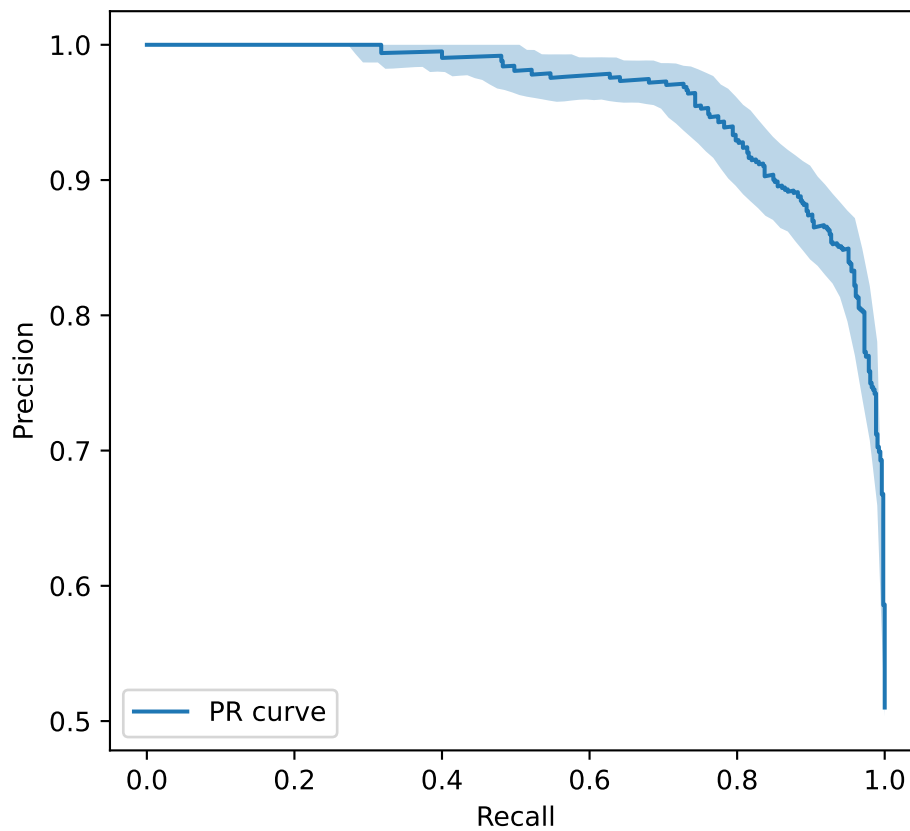


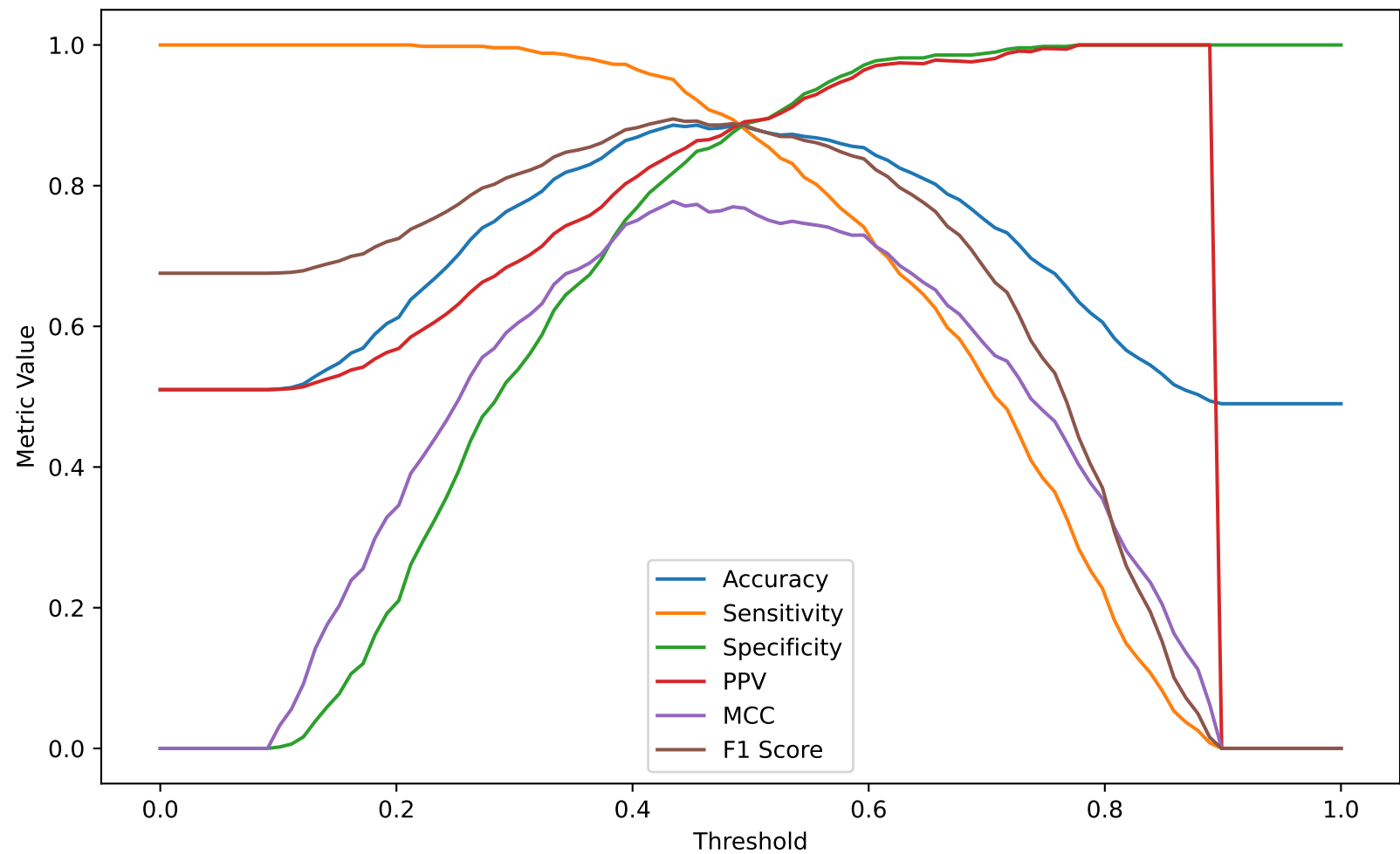
ROC Curve



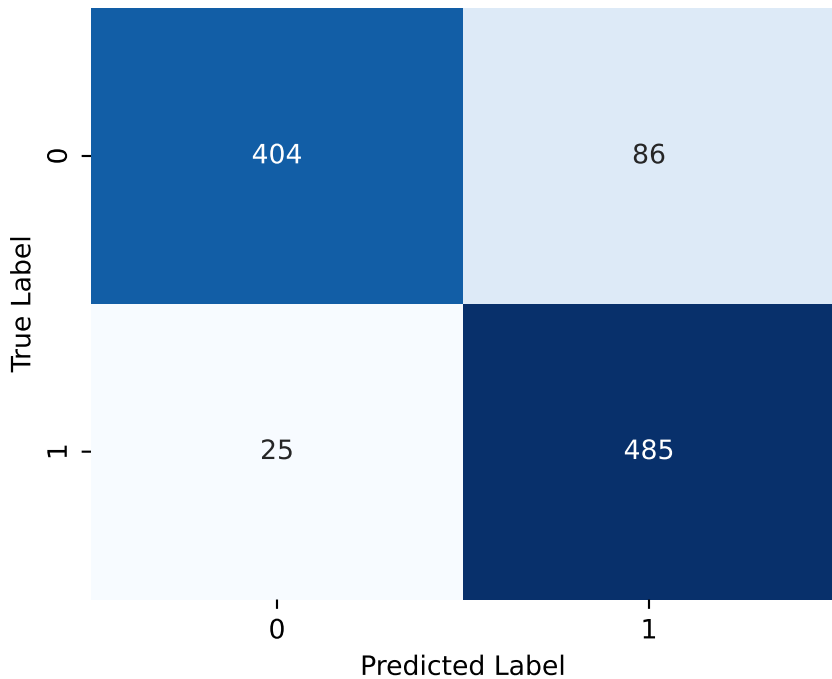
Precision-Recall Curve



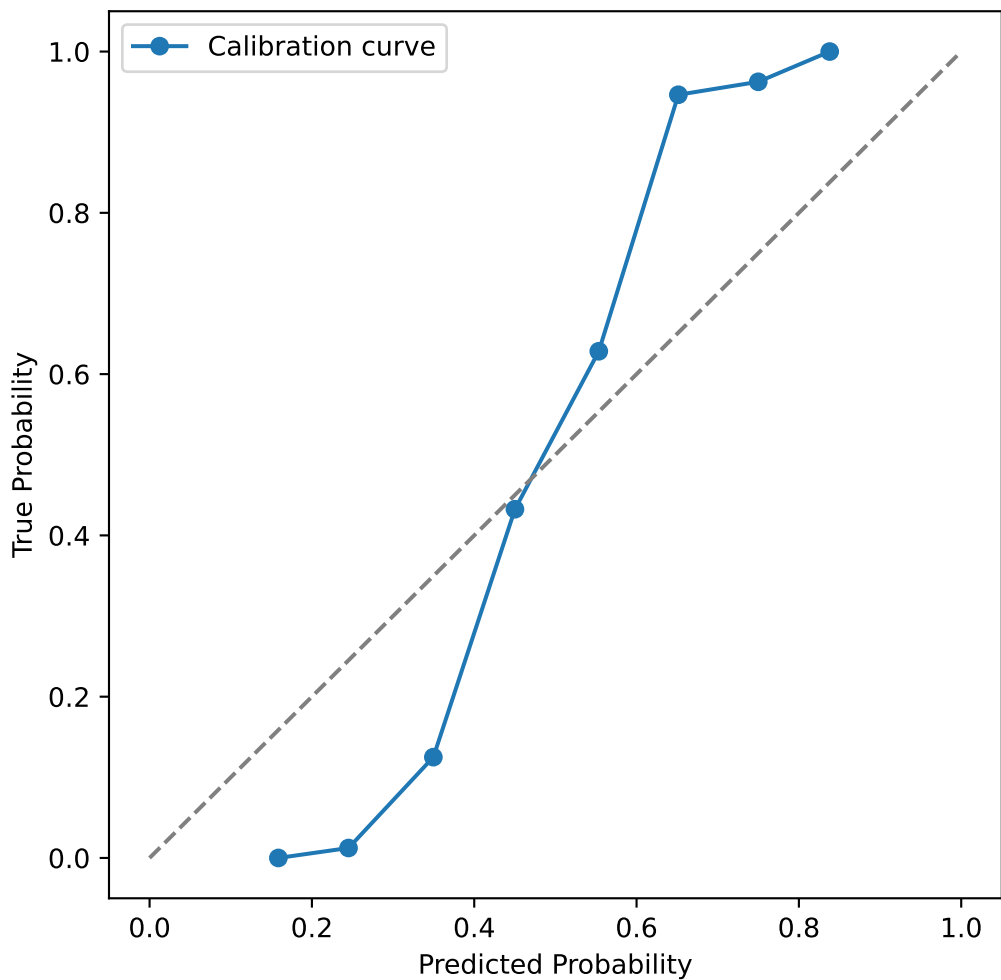
Metrics Across Thresholds



Confusion Matrix (Optimal Threshold)



Calibration Plot



Performance Metrics at Optimal Threshold

Metric	Value	95% CI
Accuracy	0.889	[0.870, 0.908]
Sensitivity	0.951	[0.931, 0.969]
Specificity	0.824	[0.791, 0.857]
PPV	0.849	[0.819, 0.877]
MCC	0.783	[0.746, 0.821]
F1 Score	0.897	[0.878, 0.917]
AUC-ROC	0.959	[0.947, 0.969]
AUC-PR	0.961	[0.949, 0.971]

Distribution of Predictions

