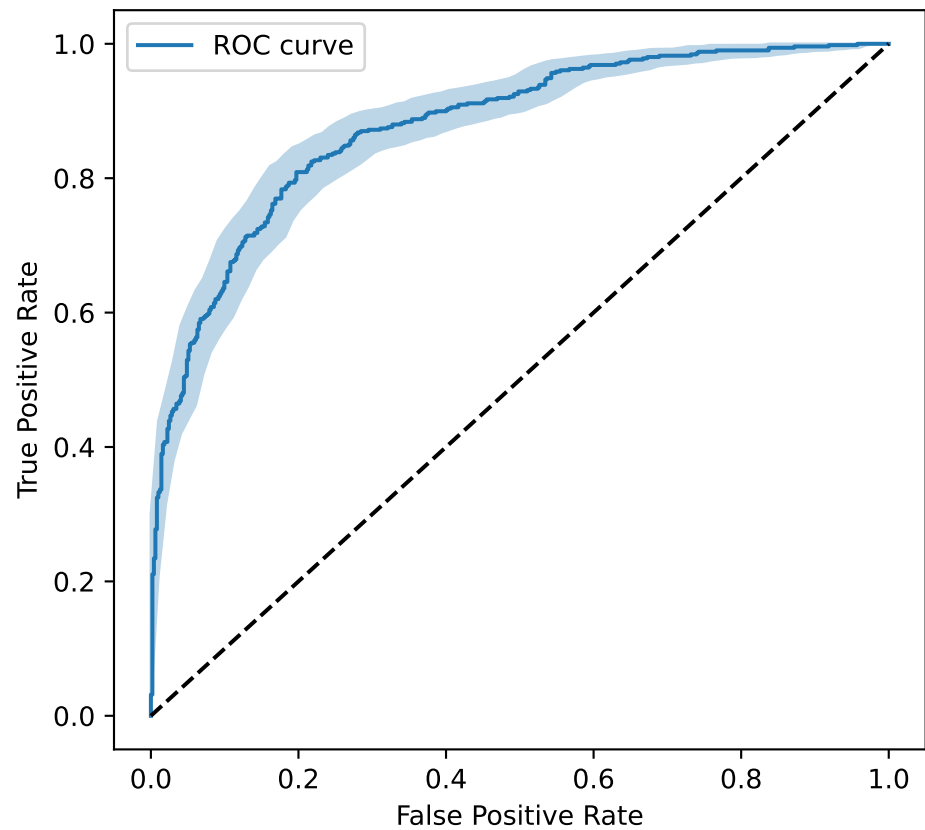
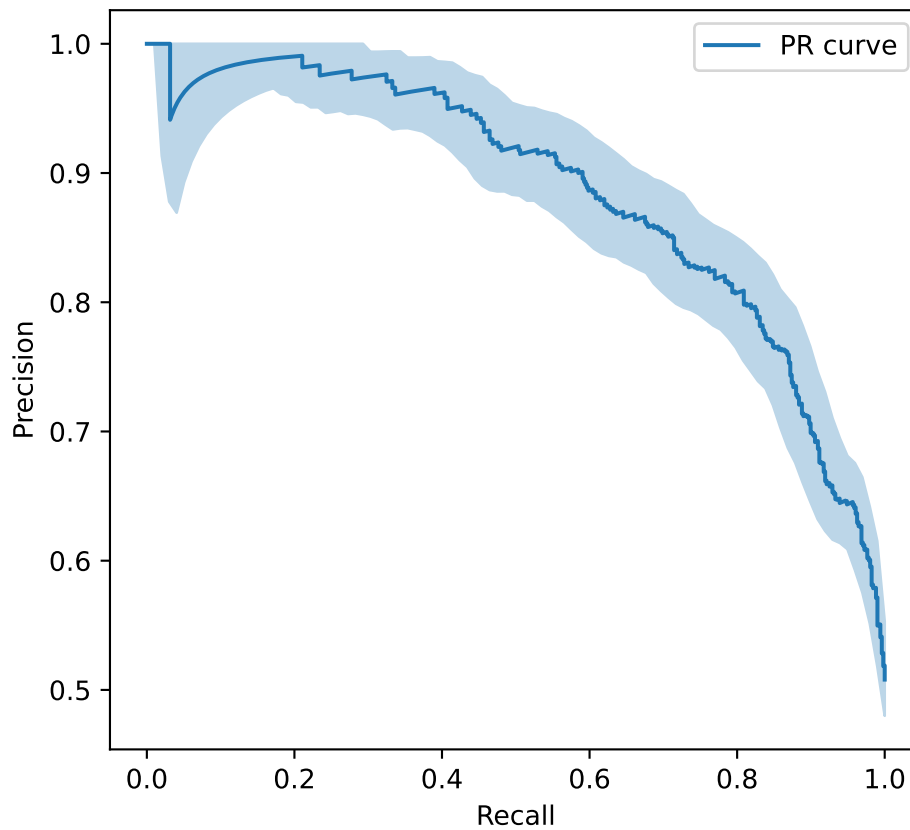


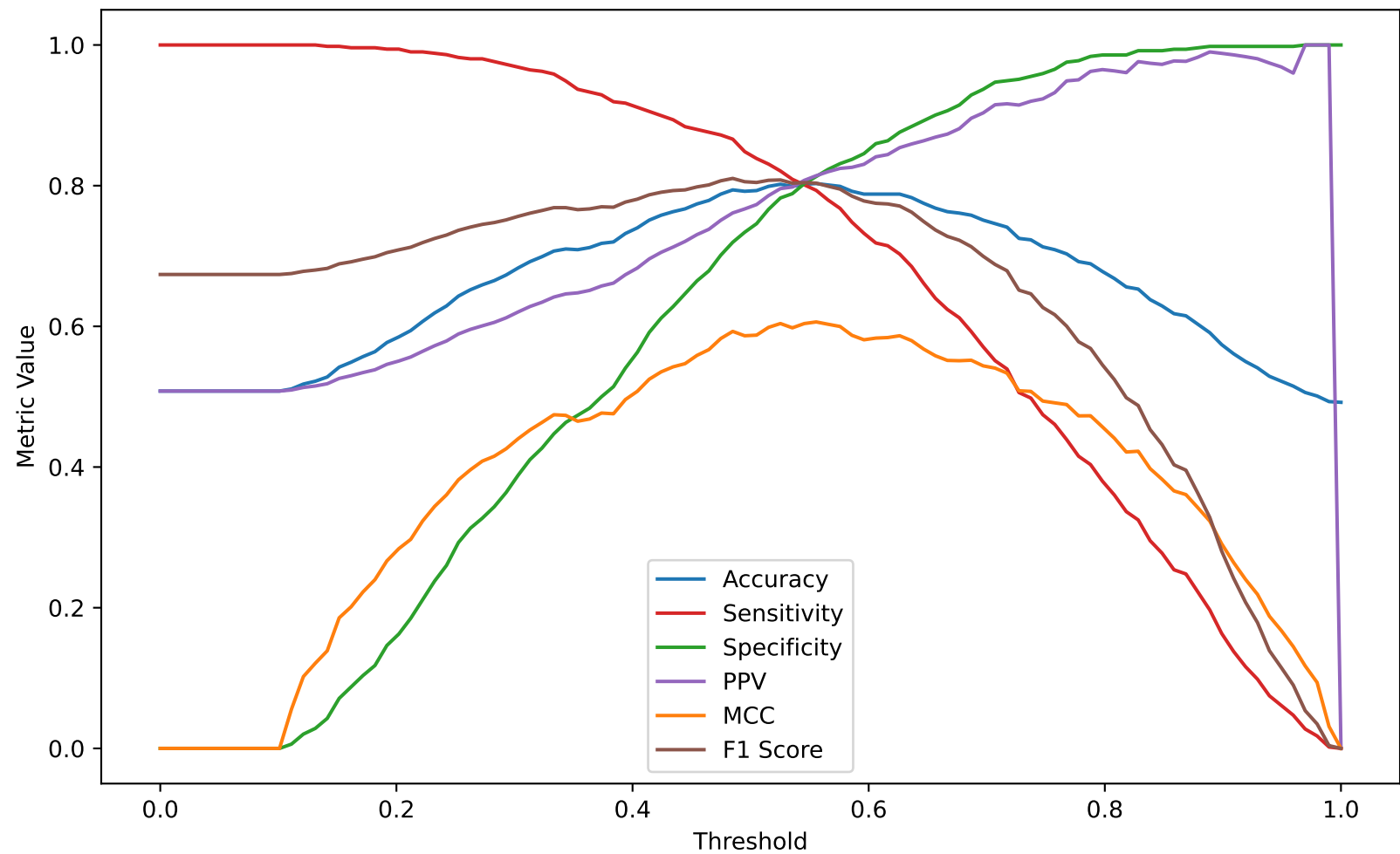
ROC Curve



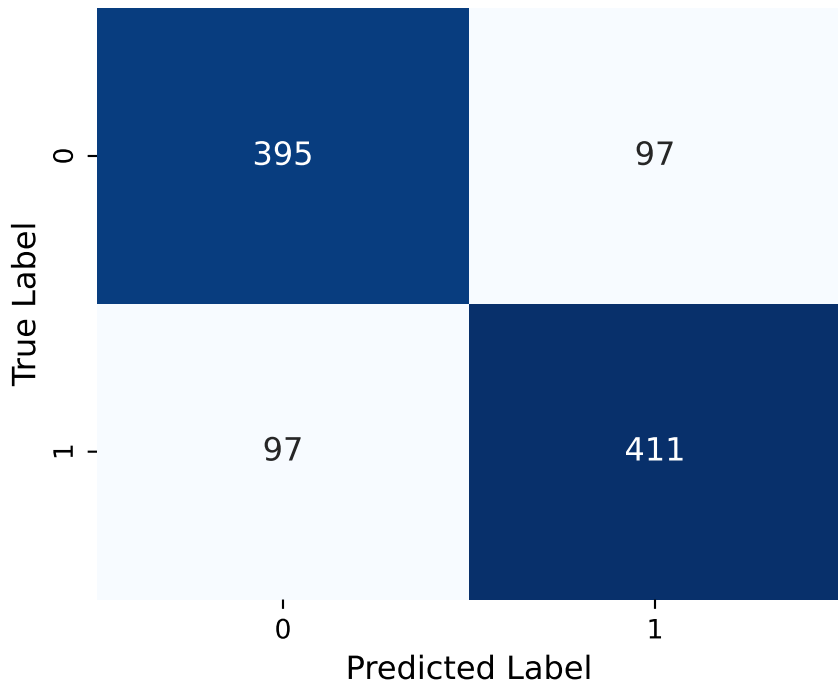
Precision-Recall Curve



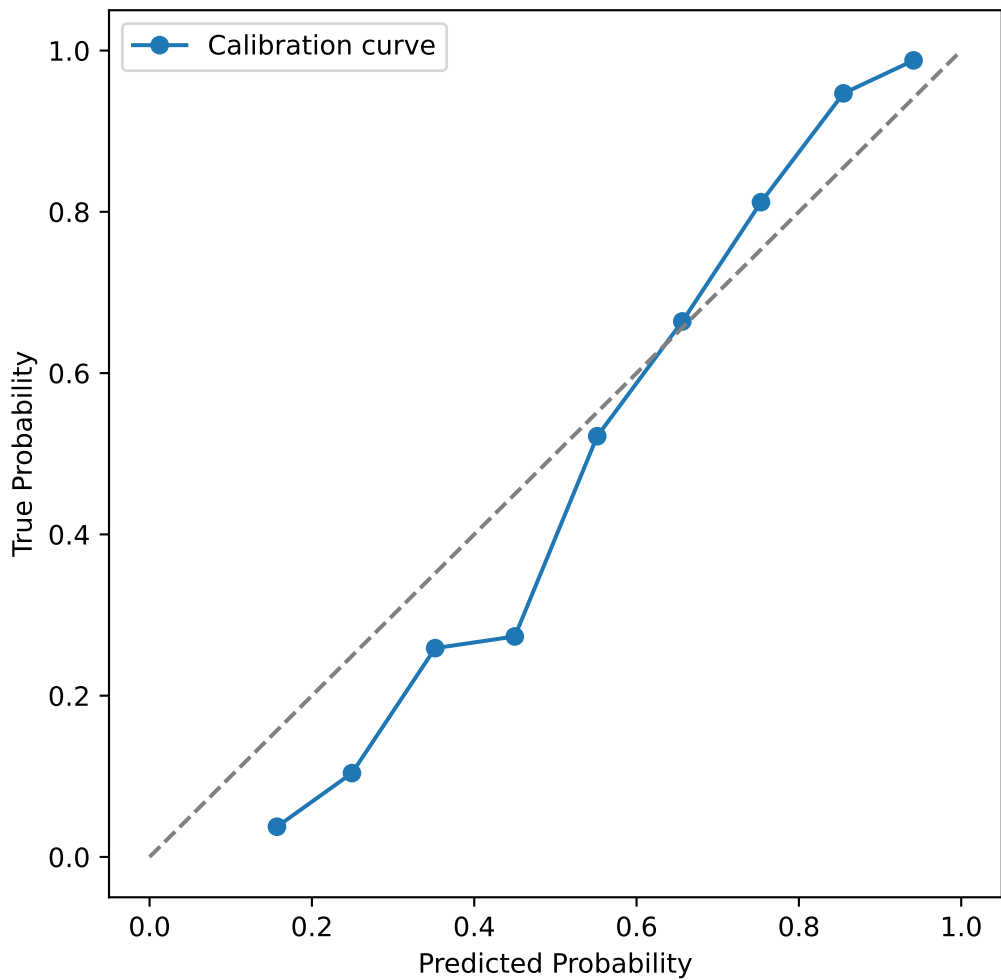
Metrics Across Thresholds



Confusion Matrix (Optimal Threshold)



Calibration Plot



## Performance Metrics at Optimal Threshold

Metric	Value	95% CI
Accuracy	0.806	[0.782, 0.830]
Sensitivity	0.809	[0.775, 0.841]
Specificity	0.803	[0.768, 0.839]
PPV	0.809	[0.774, 0.842]
MCC	0.612	[0.563, 0.660]
F1 Score	0.809	[0.782, 0.838]
AUC-ROC	0.877	[0.857, 0.896]
AUC-PR	0.885	[0.859, 0.909]

Distribution of Predictions

