

## Model Evaluation Report

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Model: CodeBERT Sentiment Classifier

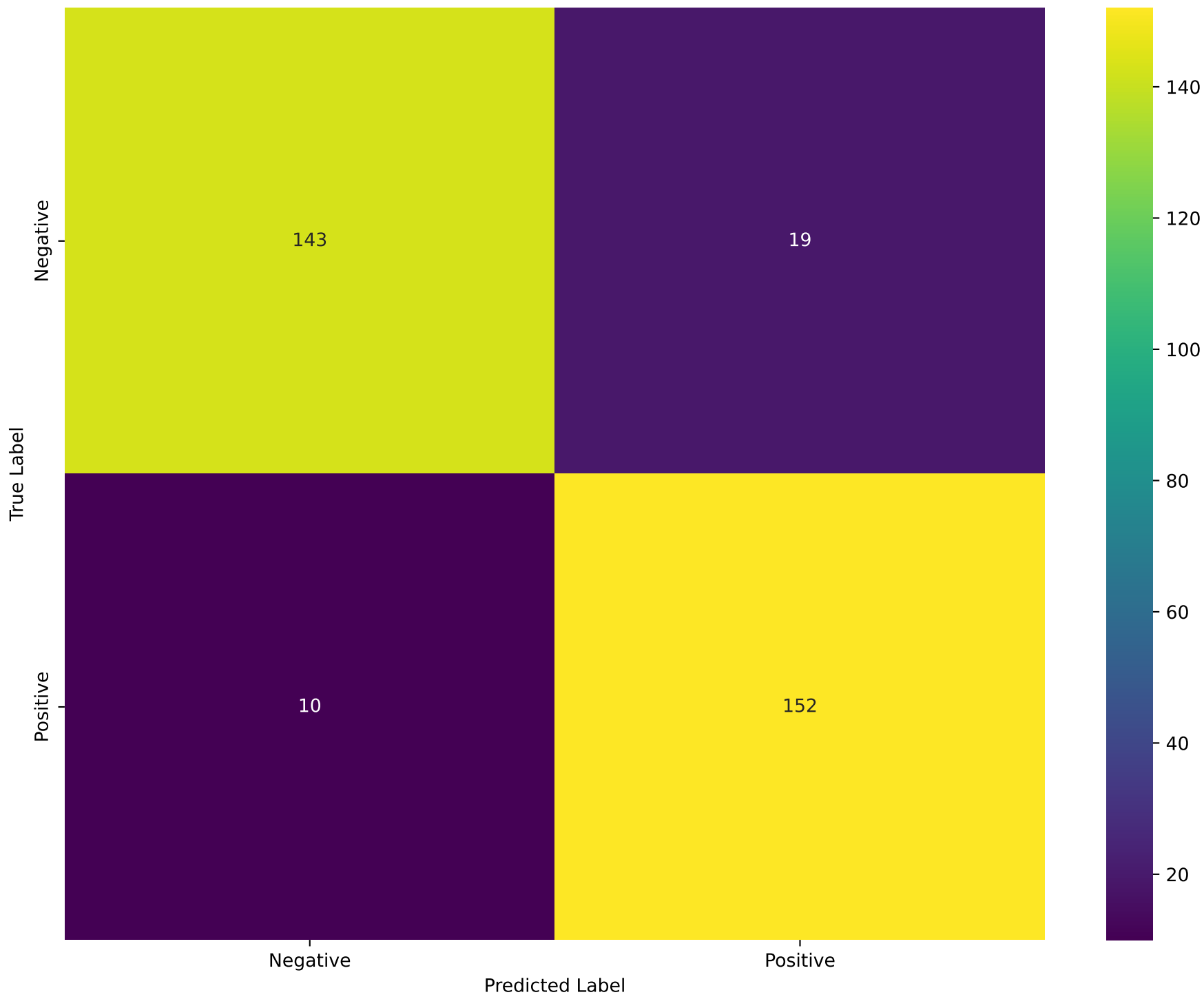
Generated: 2025-03-17 17:51:02

### Summary:

- Accuracy: 0.9105
- F1 Score (Macro): 0.9129
- Precision (Macro): 0.8889
- Recall (Macro): 0.9383
- ROC AUC: 0.9657

Classes: Negative, Positive

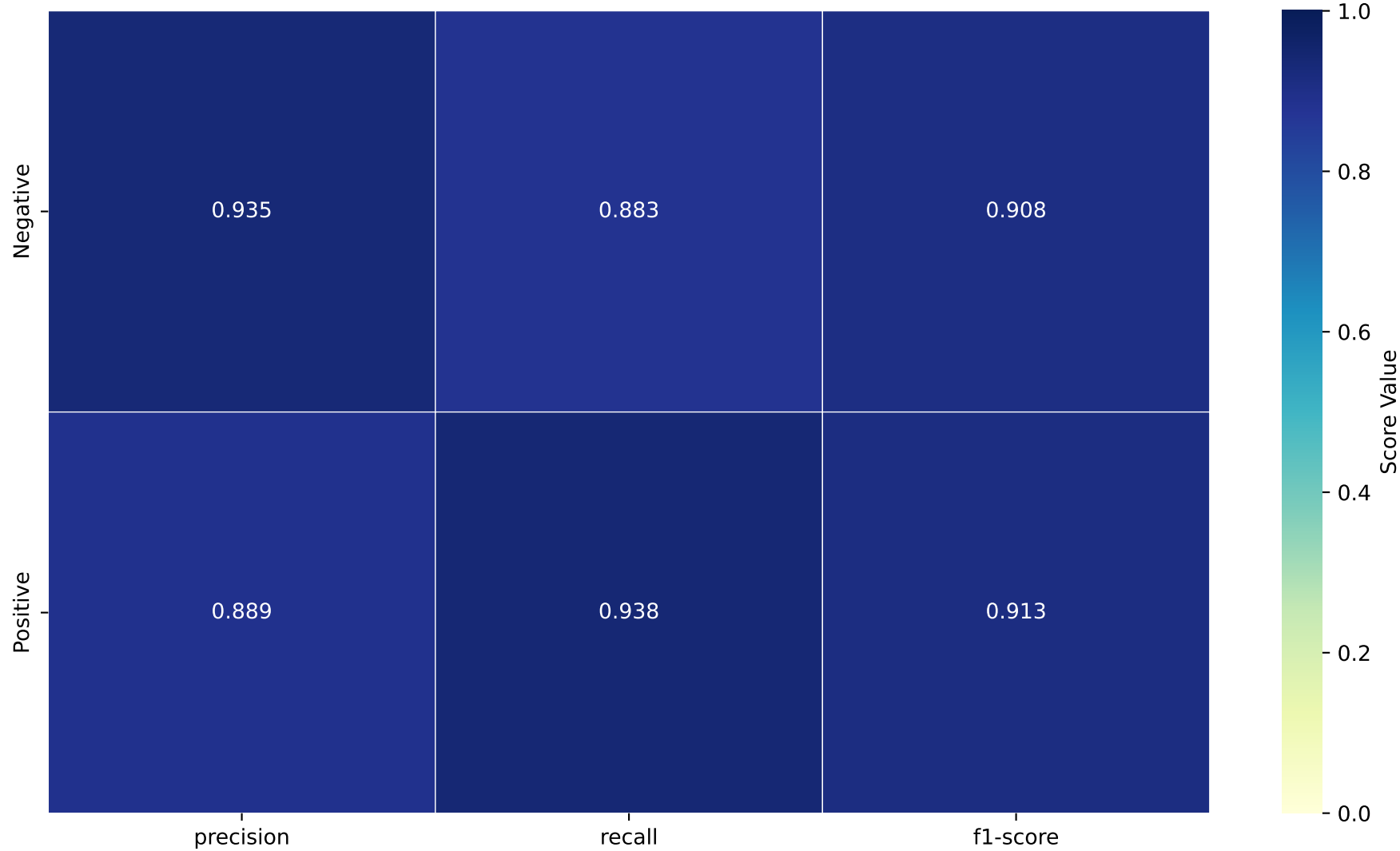
Confusion Matrix



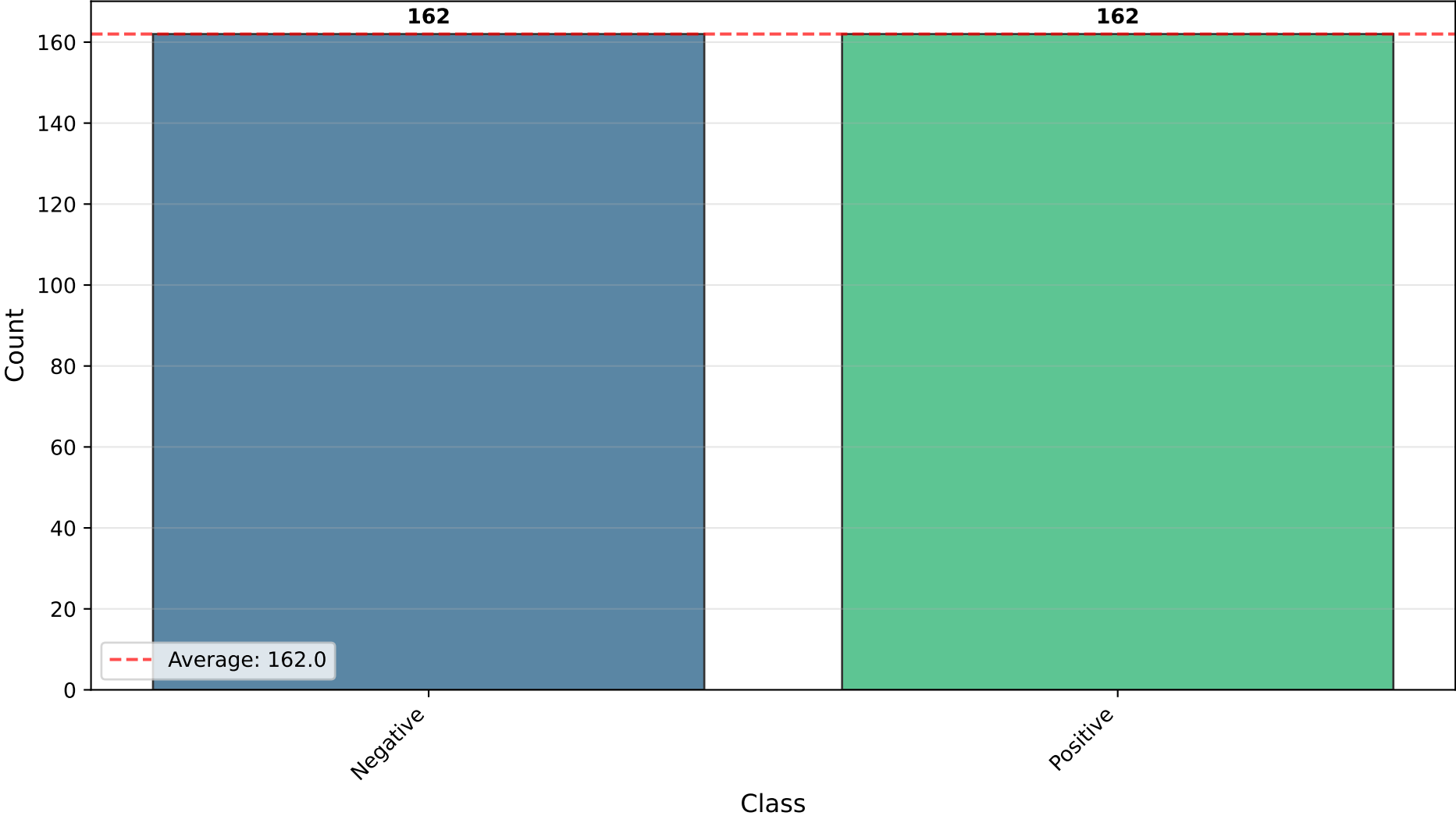
# Overall Performance Metrics

	Value
accuracy	0.9105
precision	0.8889
recall	0.9383
f1	0.9129

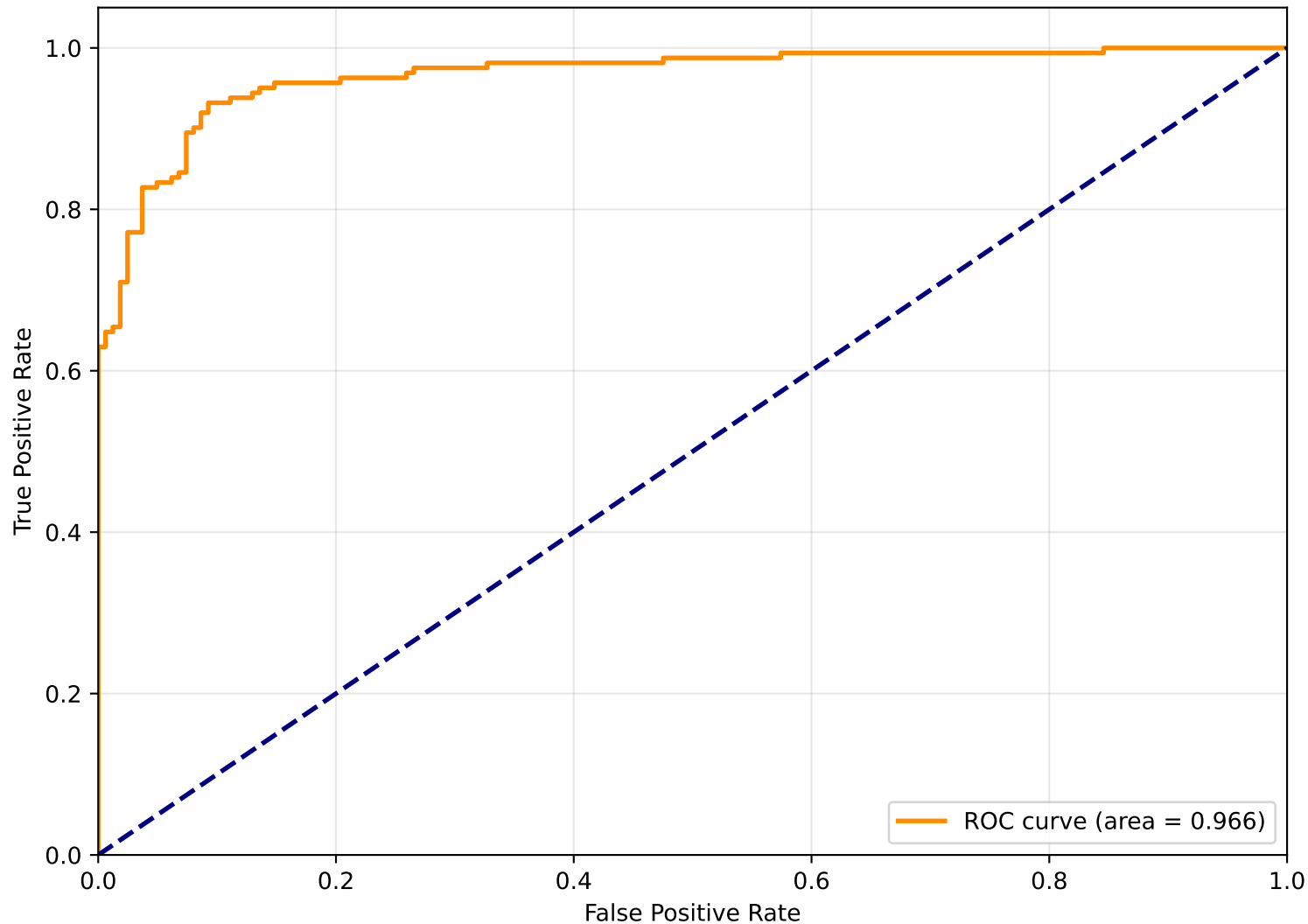
Per-Class Performance Metrics



Class Distribution in Test Data



Receiver Operating Characteristic (ROC) Curve



Precision-Recall Curve

