

## Model Evaluation Report

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Model: DistilBERT Sentiment Classifier

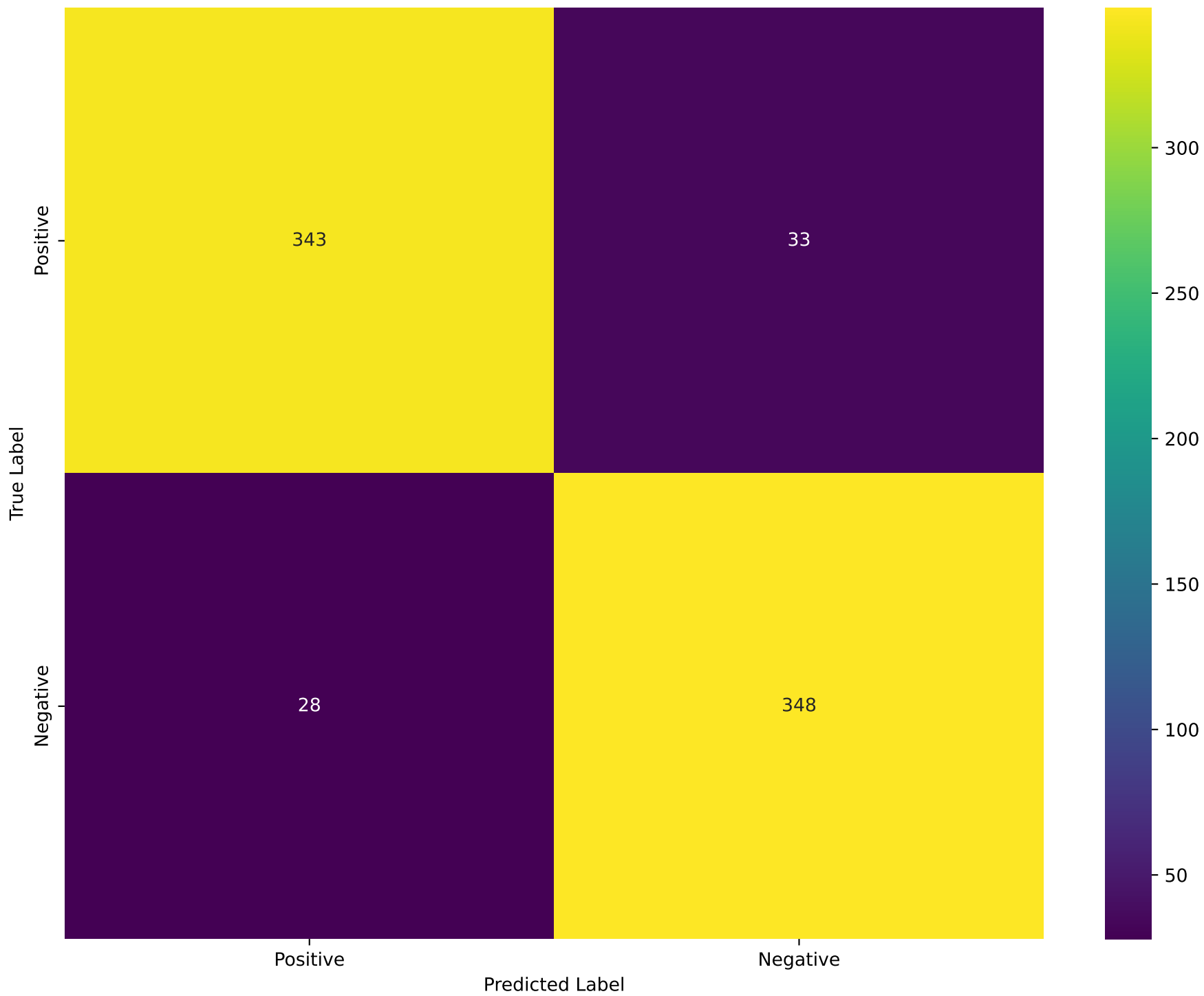
Generated: 2025-03-10 14:55:42

### Summary:

- Accuracy: 0.9189
- F1 Score (Macro): 0.9194
- Precision (Macro): 0.9134
- Recall (Macro): 0.9255
- ROC AUC: 0.9745

Classes: Positive, Negative

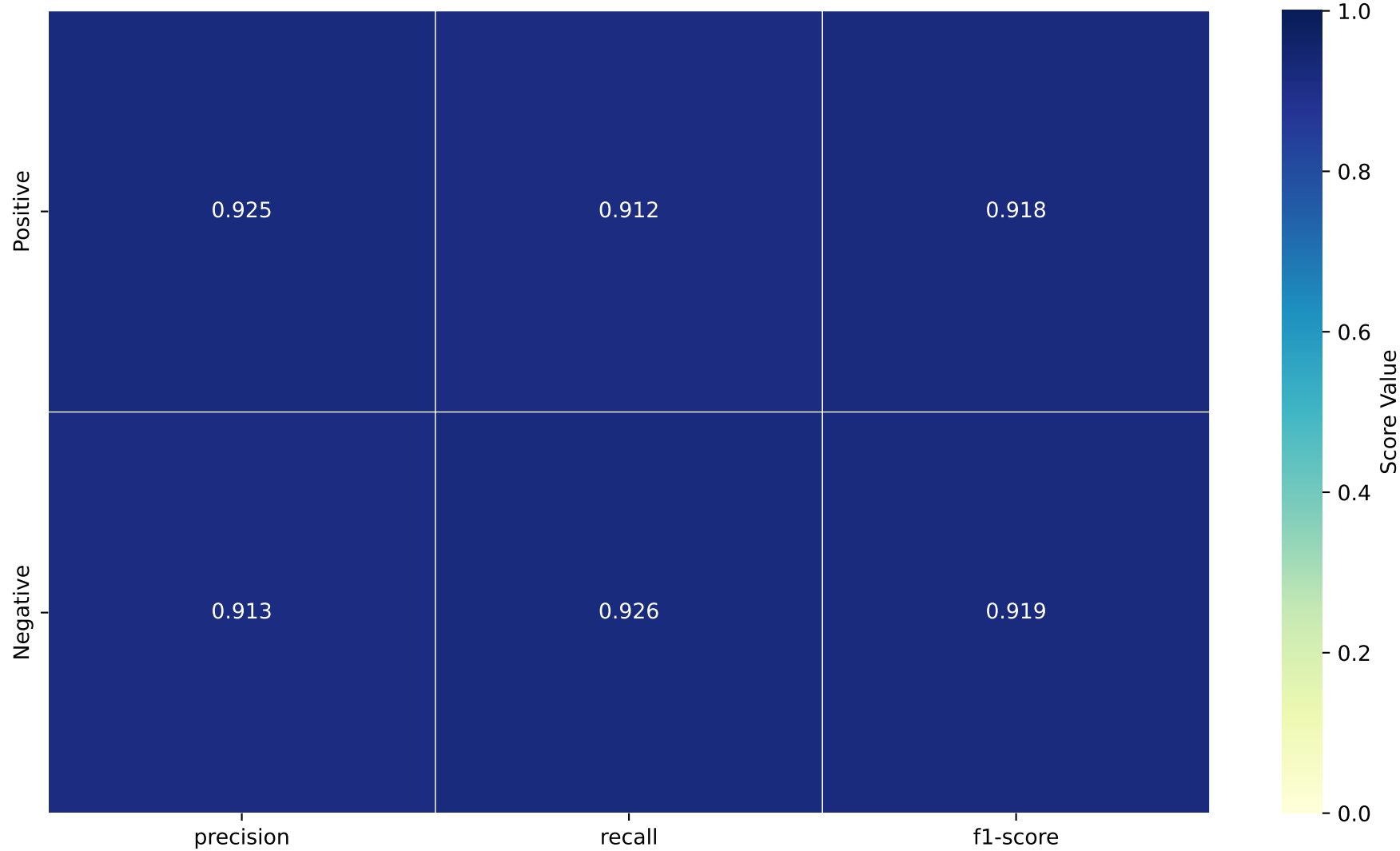
Confusion Matrix



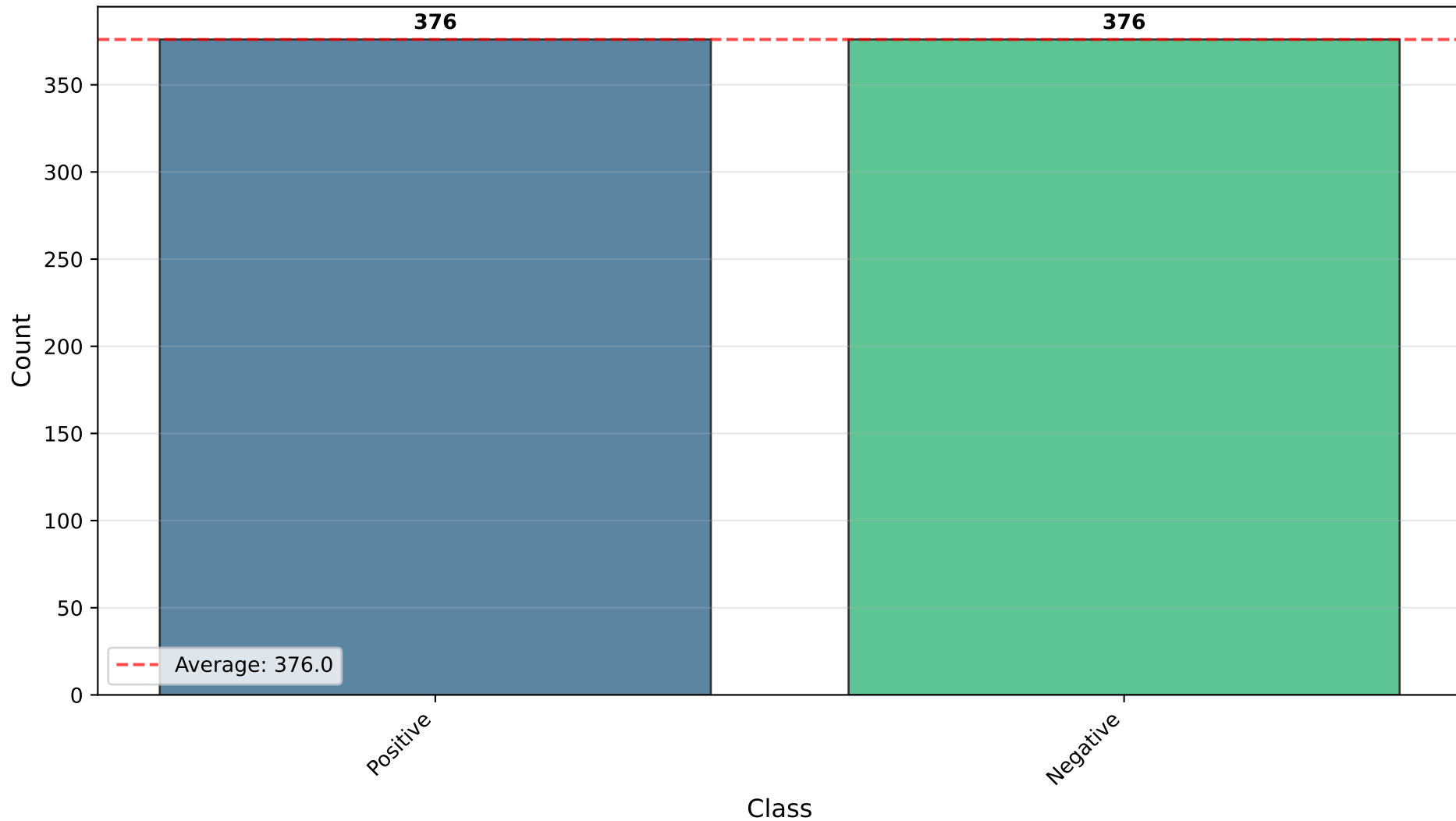
## Overall Performance Metrics

	Value
accuracy	0.9189
precision	0.9134
recall	0.9255
f1	0.9194

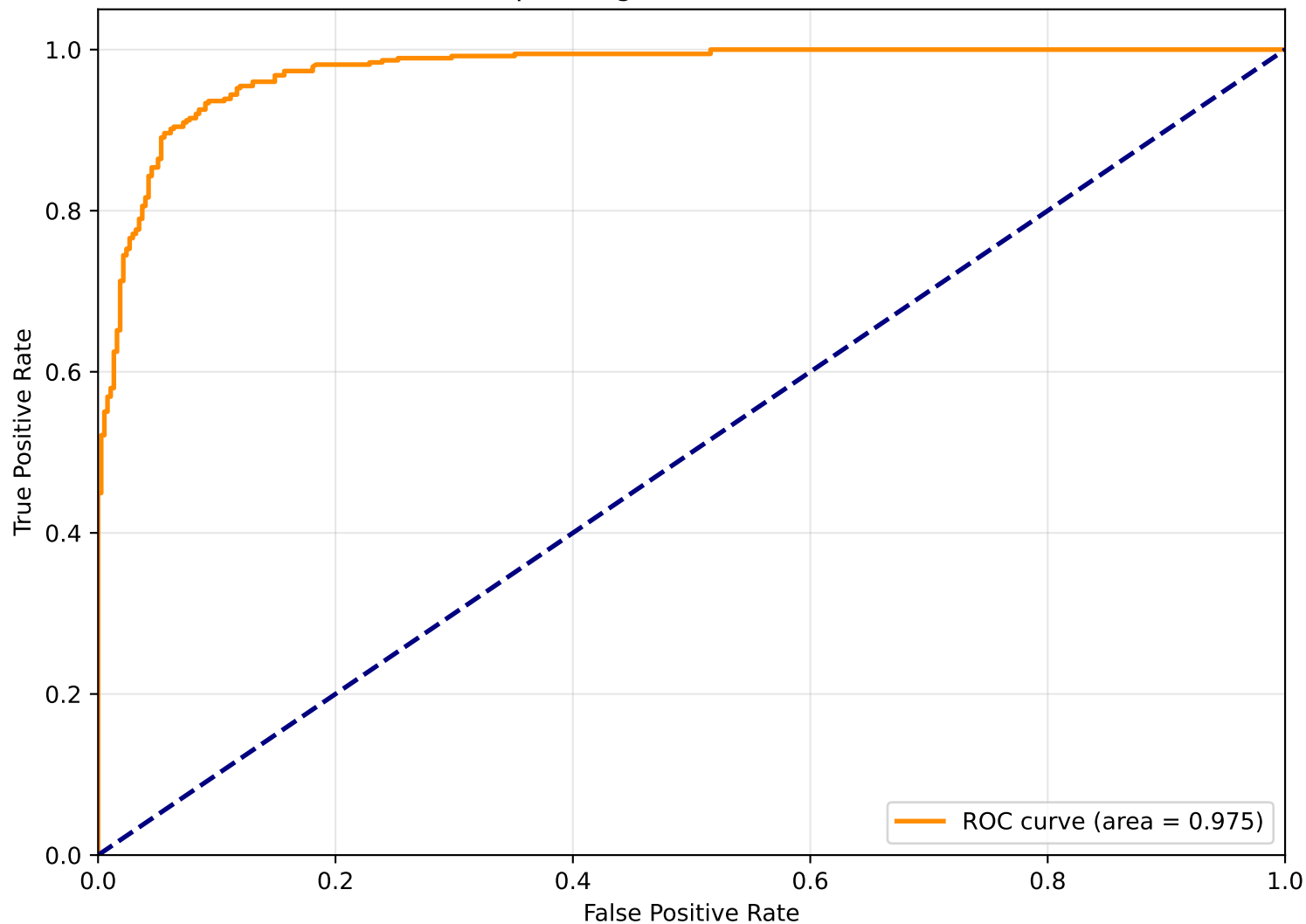
Per-Class Performance Metrics



Class Distribution in Test Data



Receiver Operating Characteristic (ROC) Curve



Precision-Recall Curve

