

## Model Evaluation Report

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Model: DistilBERT Sentiment Classifier

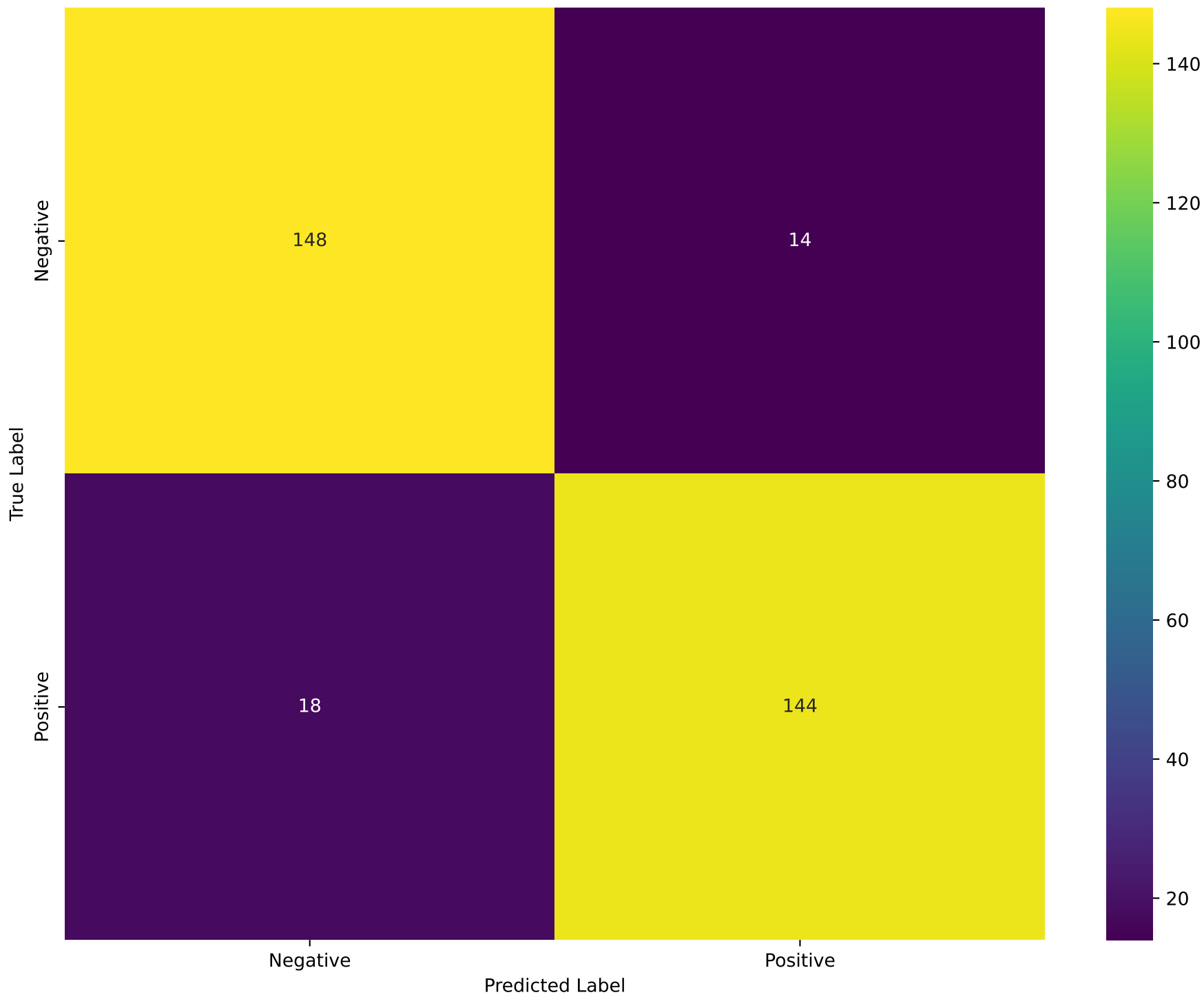
Generated: 2025-03-13 11:59:17

### Summary:

- Accuracy: 0.9012
- F1 Score (Macro): 0.9000
- Precision (Macro): 0.9114
- Recall (Macro): 0.8889
- ROC AUC: 0.9737

Classes: Negative, Positive

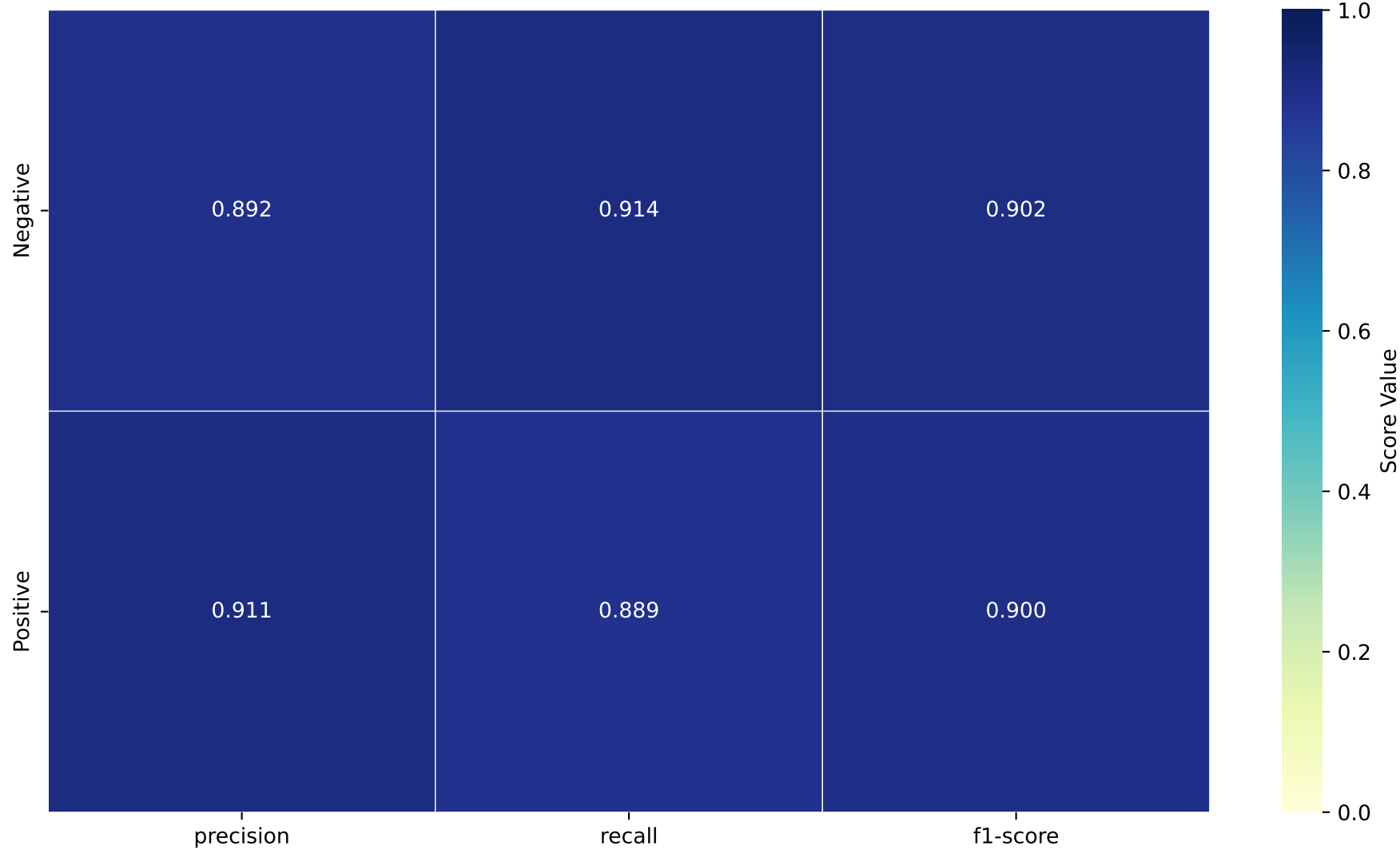
Confusion Matrix



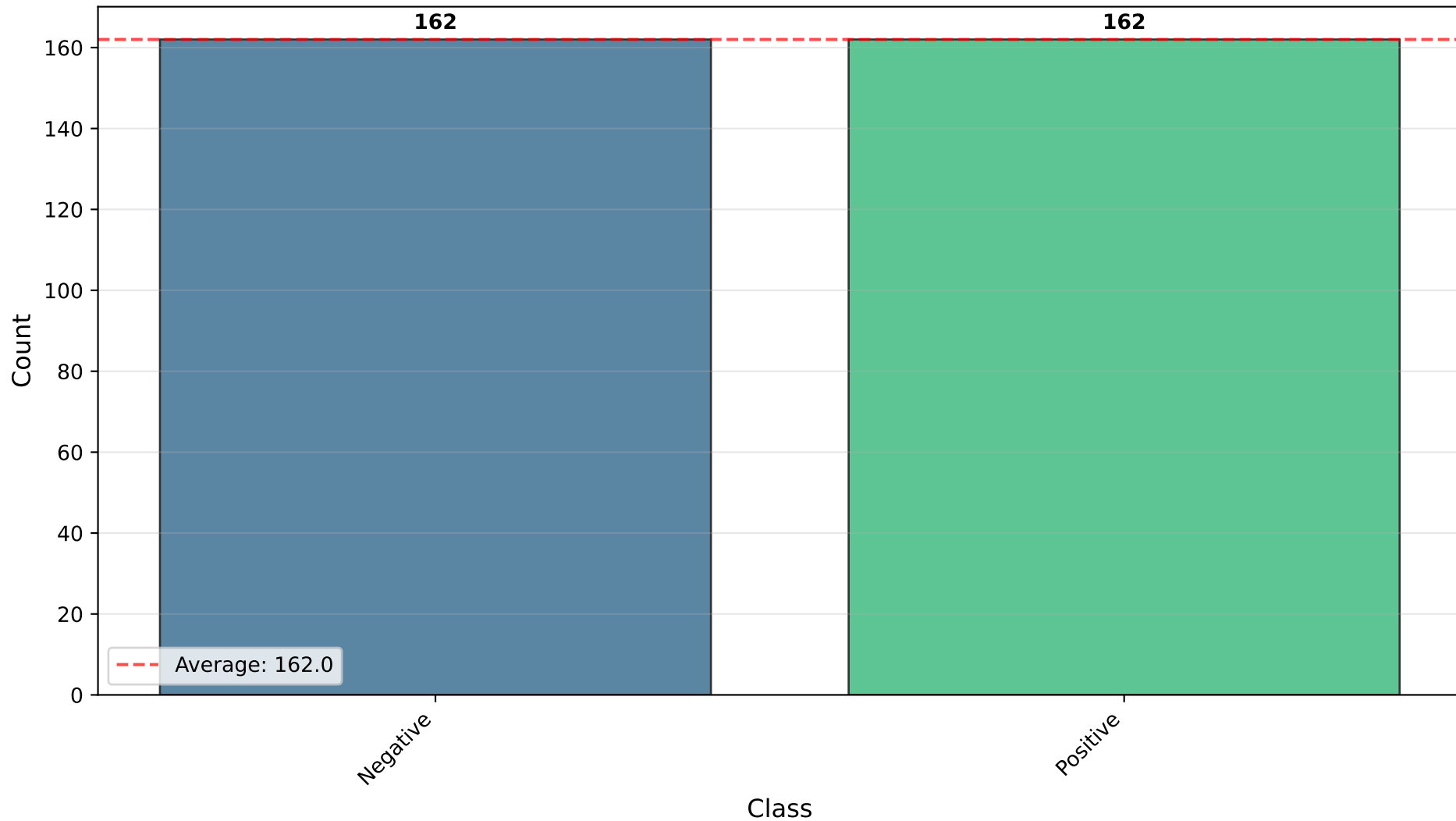
# Overall Performance Metrics

	Value
accuracy	0.9012
precision	0.9114
recall	0.8889
f1	0.9000

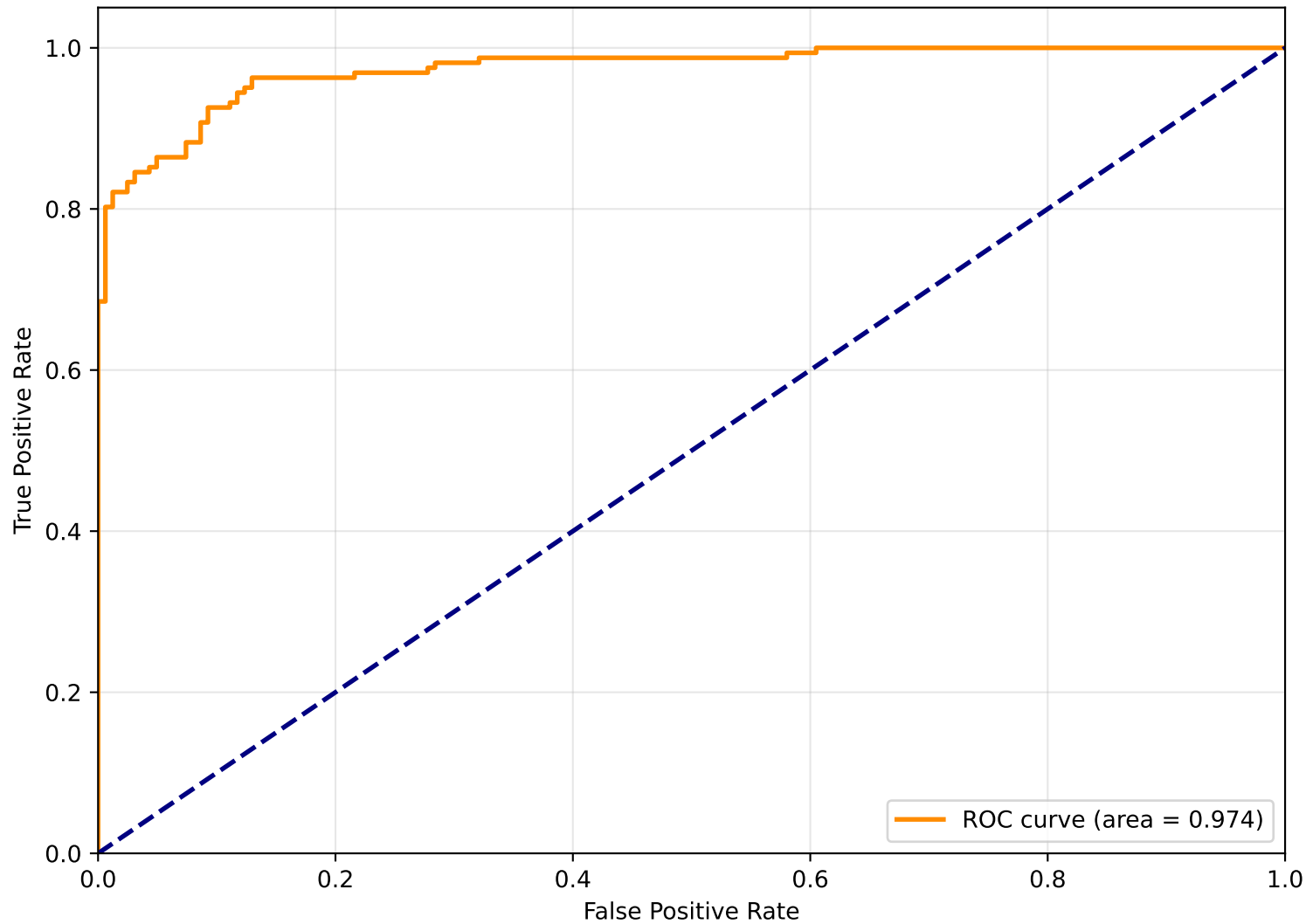
Per-Class Performance Metrics



Class Distribution in Test Data



Receiver Operating Characteristic (ROC) Curve



Precision-Recall Curve

