

Liver Fibrosis Staging Model Evaluation Report

Models: ViT-B-16 & ResNet50

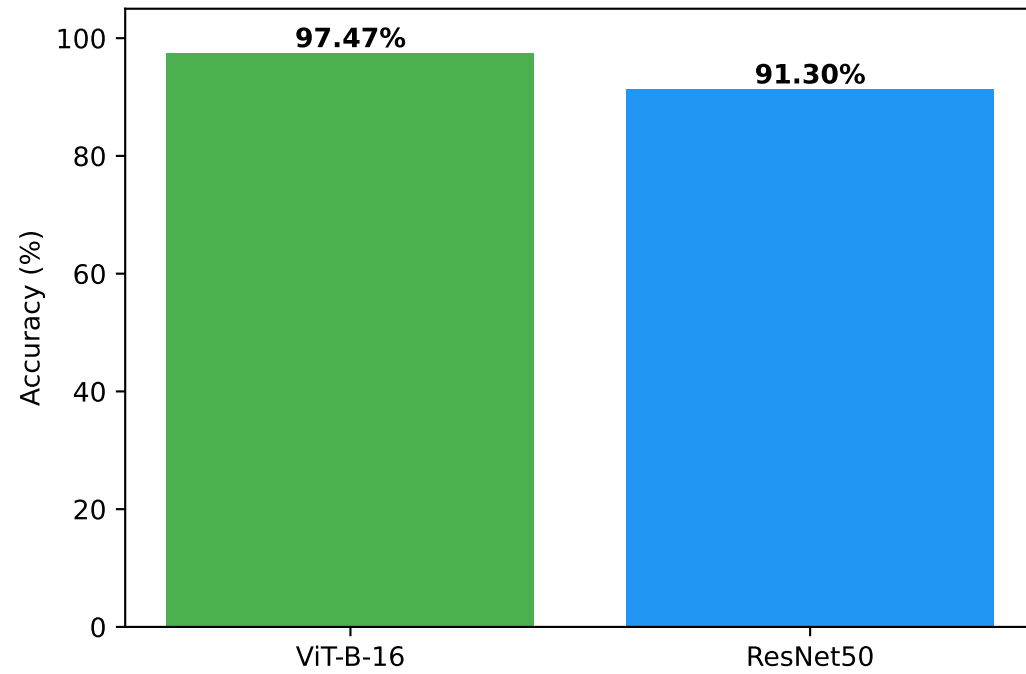
Generated: February 05, 2026

ViT-B-16 Best Accuracy: 97.47%

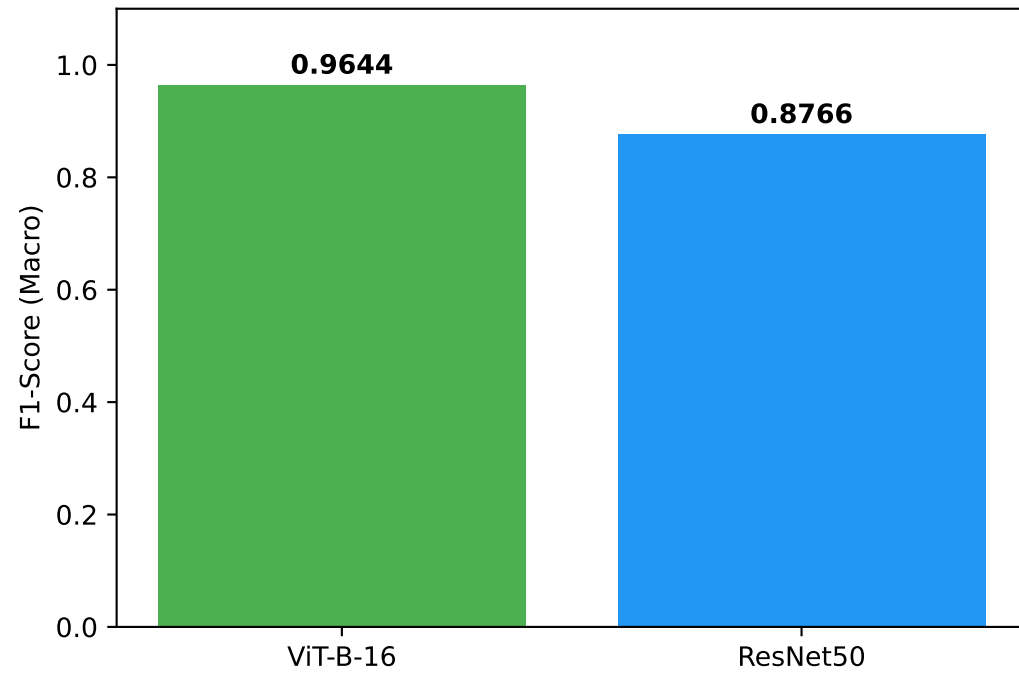
ResNet50 Accuracy: 91.30%

Overall Metrics Comparison

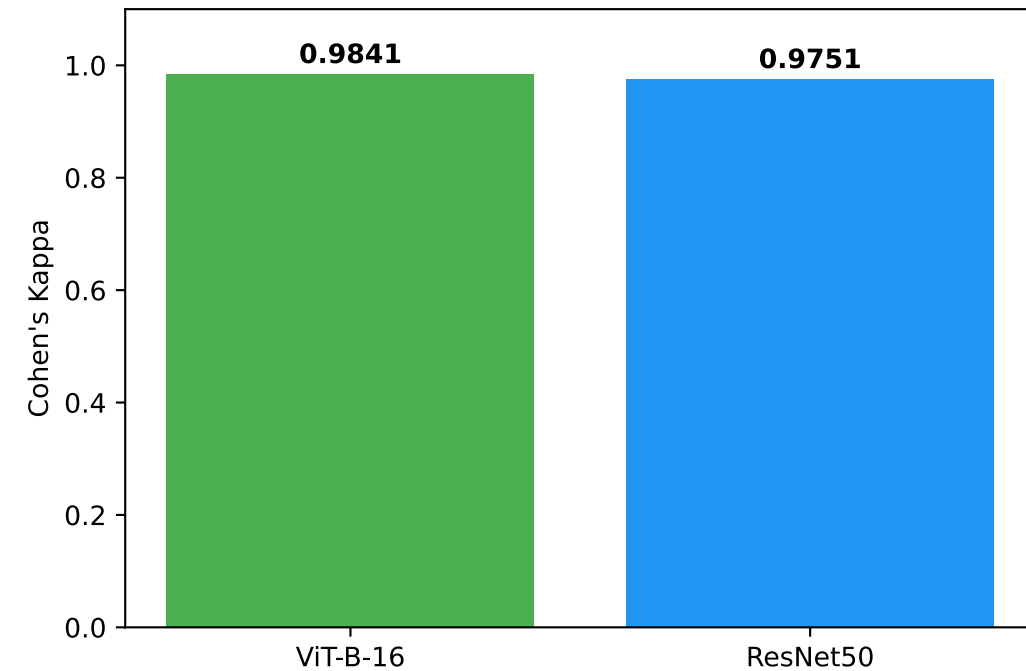
Overall Accuracy



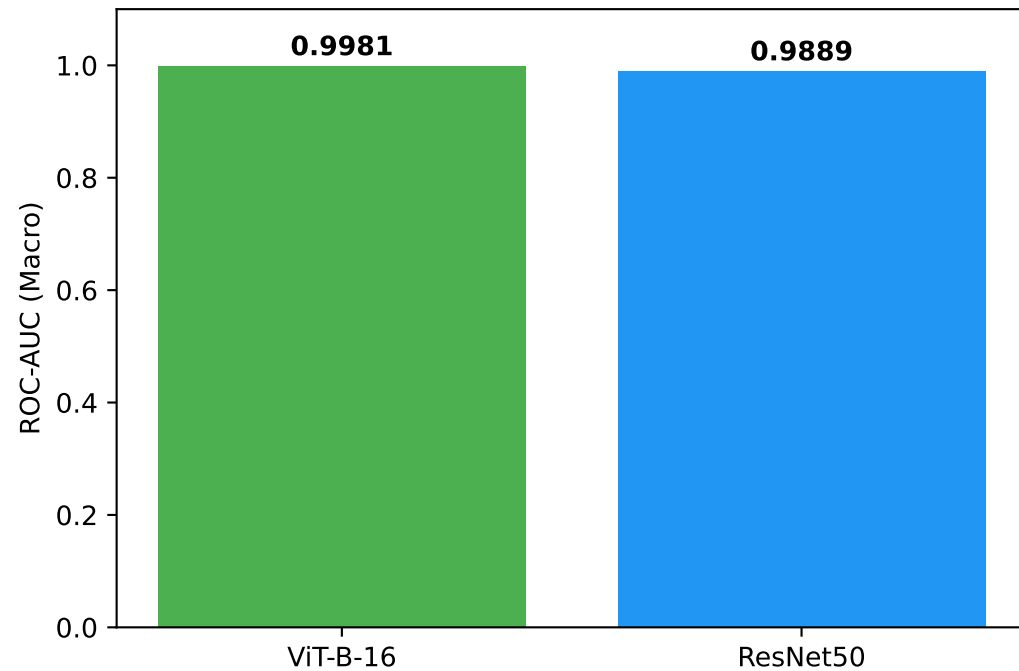
F1-Score (Macro)



Cohen's Kappa (Quadratic)

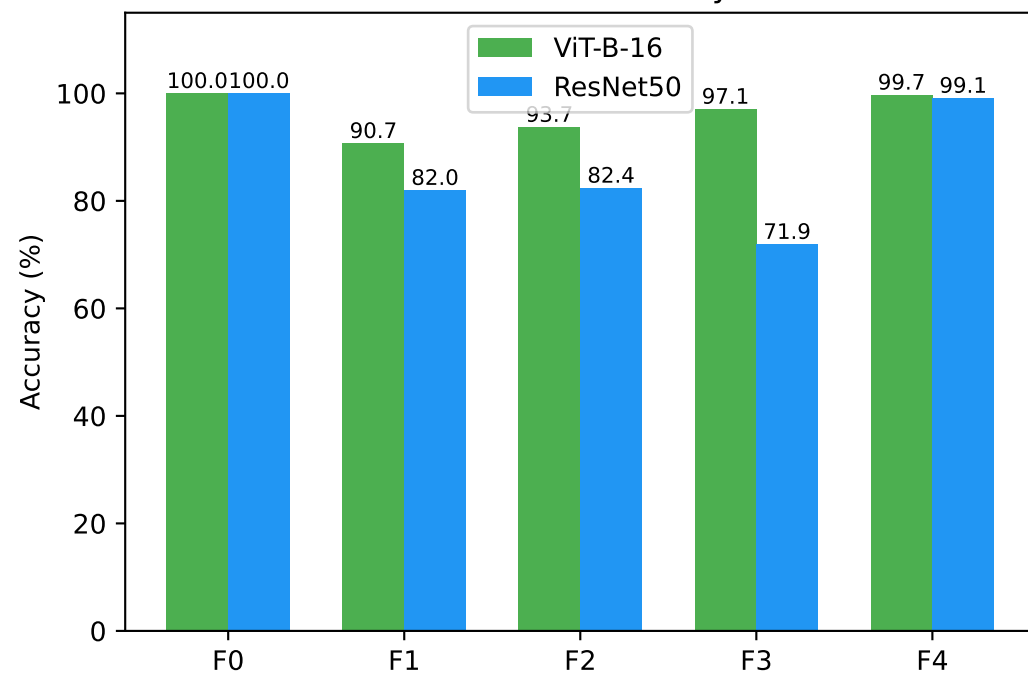


ROC-AUC (Macro)

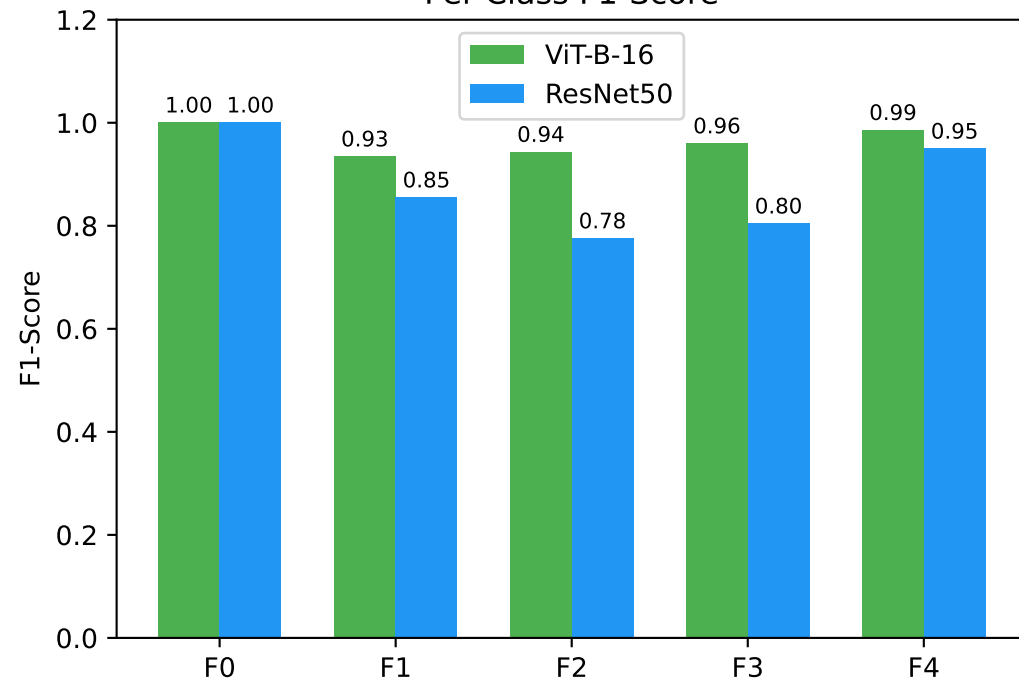


Per-Class Performance (F0-F4)

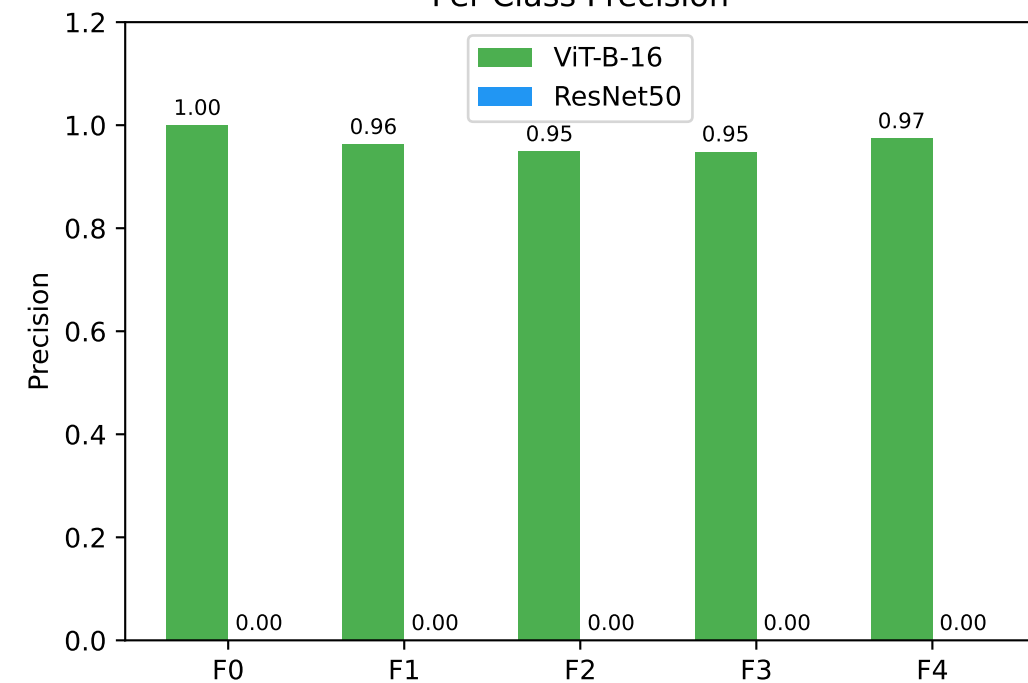
Per-Class Accuracy



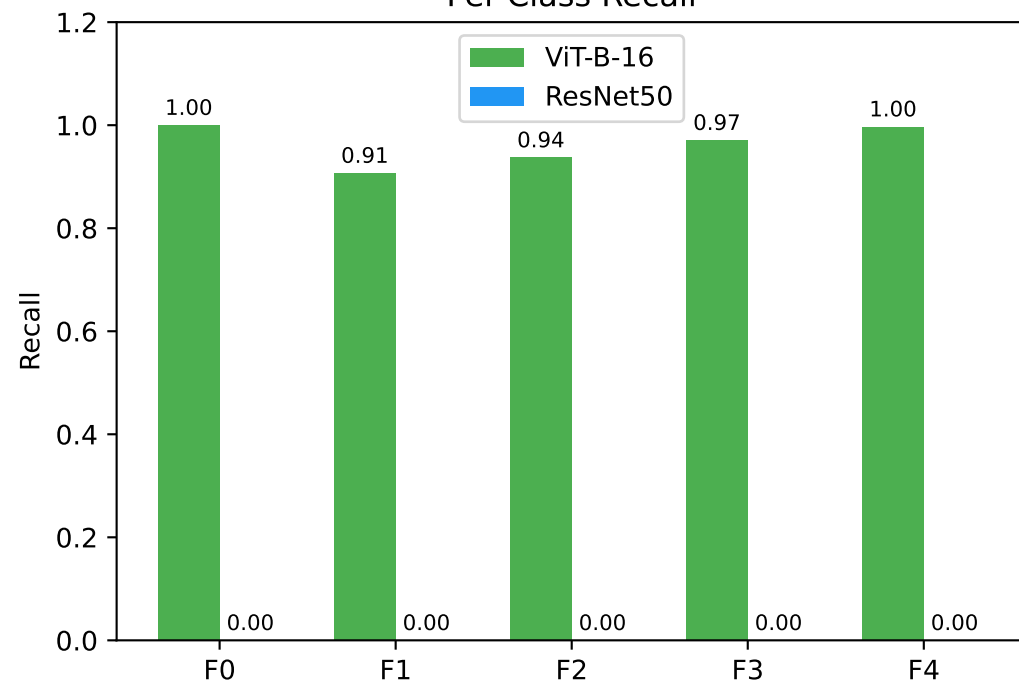
Per-Class F1-Score



Per-Class Precision



Per-Class Recall



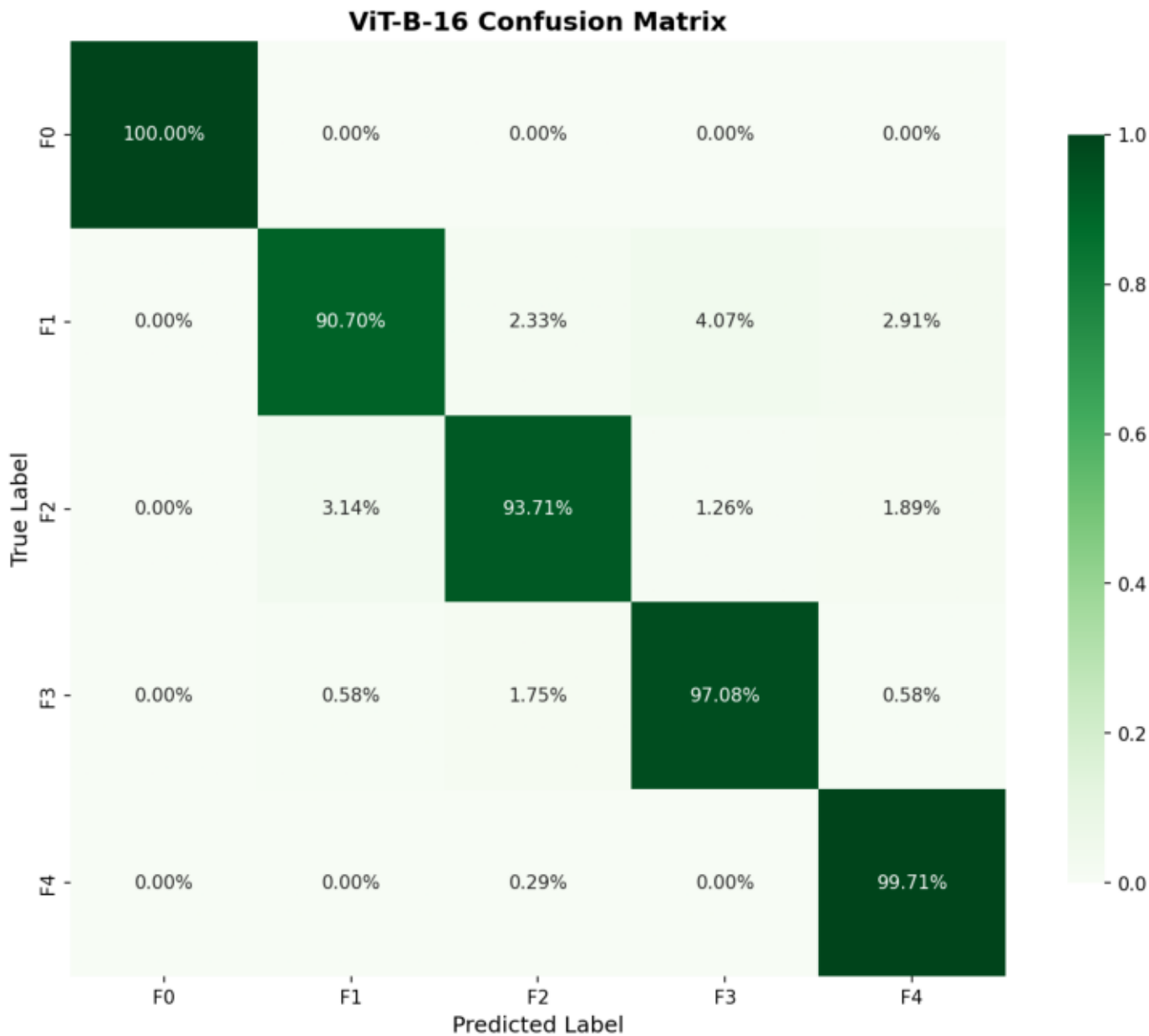
Detailed Metrics Summary

Metric	ViT-B-16	ResNet50
Accuracy	97.47%	91.30%
F1-Score (Macro)	0.9644	0.8766
F1-Score (Weighted)	0.9745	0.9118
Precision (Macro)	0.9669	0.8892
Recall (Macro)	0.9624	0.8708
Cohen's Kappa	0.9841	0.9751
ROC-AUC	0.9981	0.9889

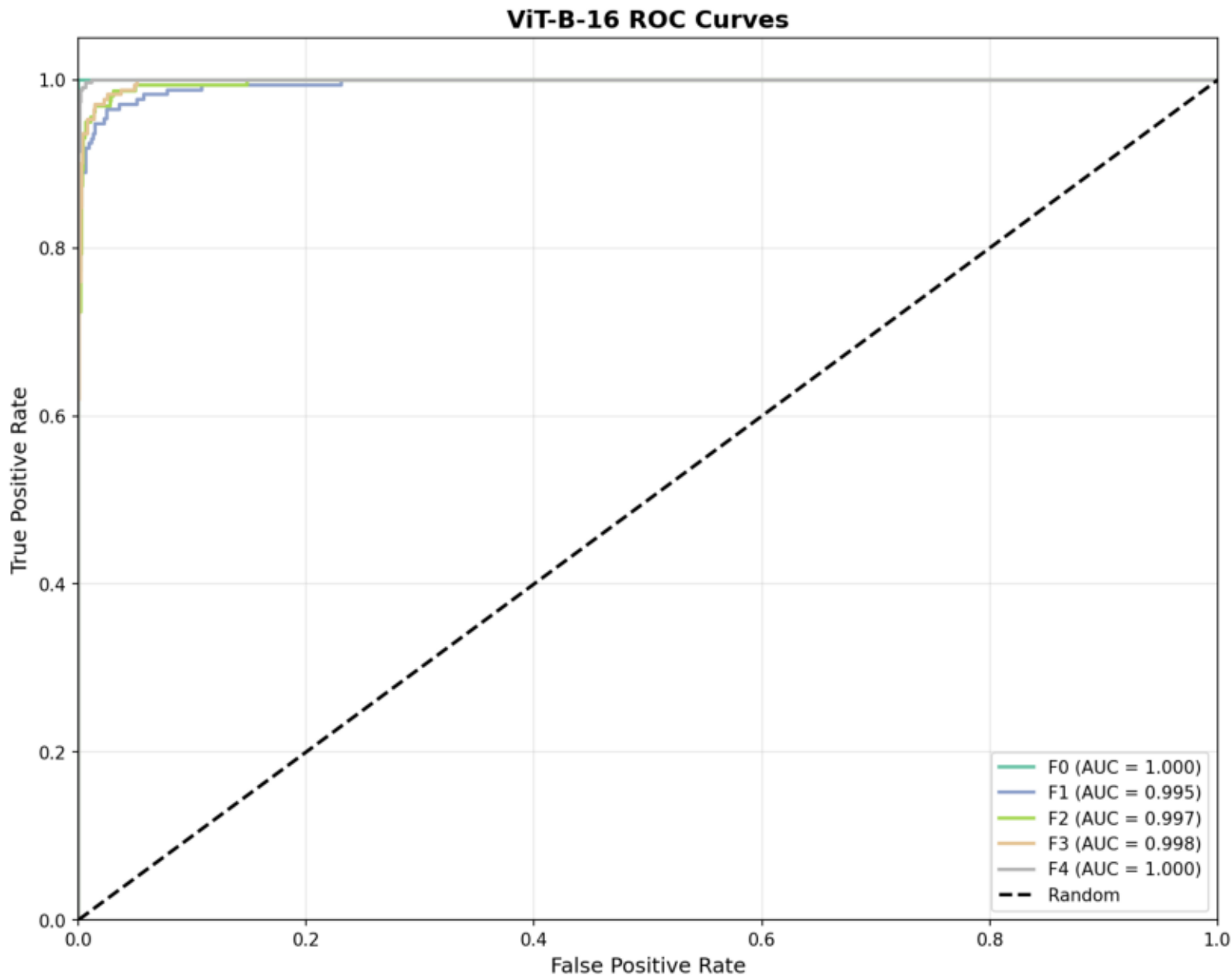
Per-Class Accuracy

Metric	ViT-B-16	ResNet50
F0	100.00%	100.00%
F1	90.70%	81.98%
F2	93.71%	82.39%
F3	97.08%	71.93%
F4	99.71%	99.12%

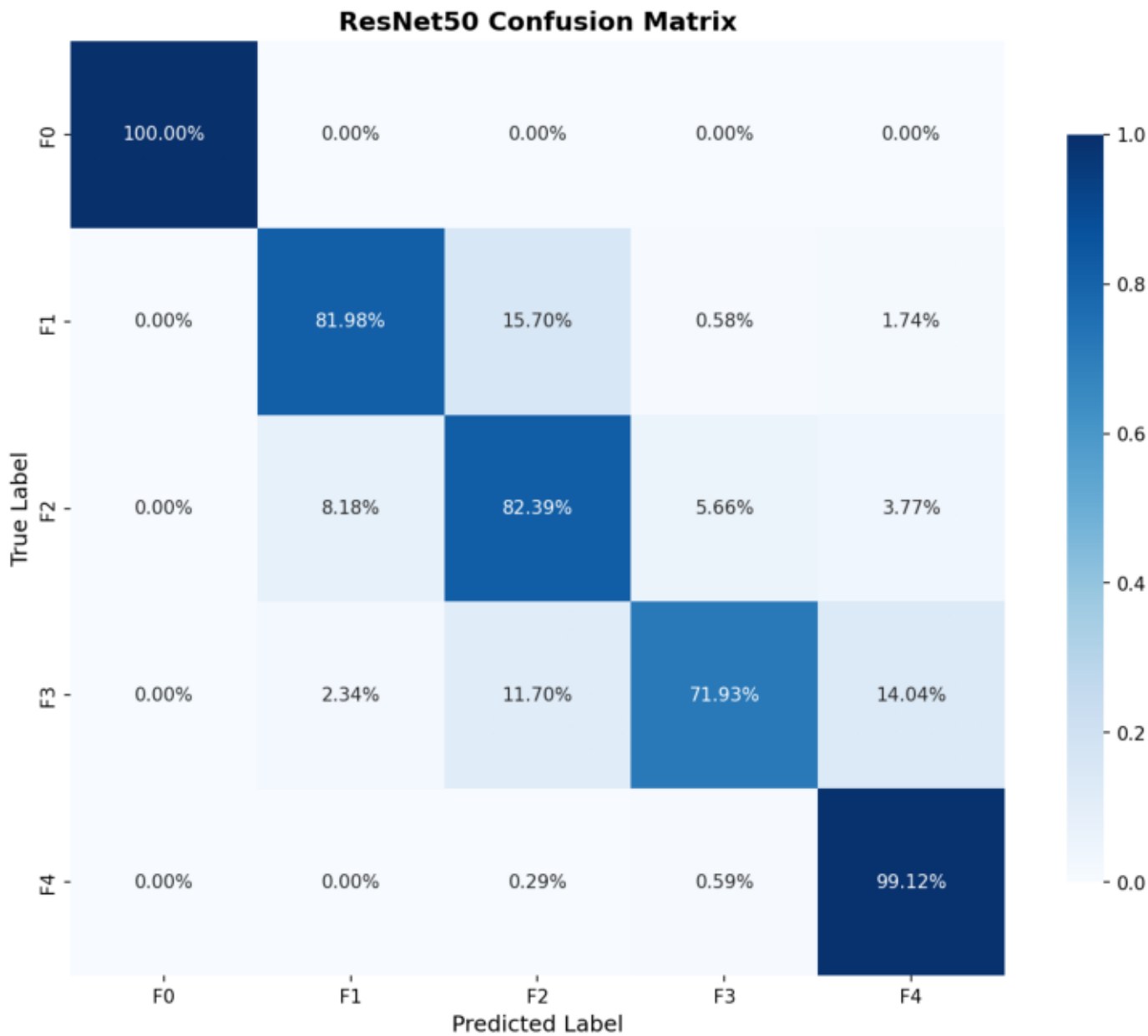
ViT-B-16 Confusion Matrix



ViT-B-16 ROC Curves



ResNet50 Confusion Matrix



ResNet50 ROC Curves

