

CNN1D Model Training Report

Total Training Time: 50.31 seconds
Total Inference Time: 0.03 seconds

Test Loss: 0.0439
Test Accuracy: 99.55%

Model Size: 1.09 MB

Configuration and Hyperparameters

Data Paths:

Data Directory: data\2024-11-24T10_13_28_d300sec_w1000ms
Training Data File: data\2024-11-24T10_13_28_d300sec_w1000ms\training.csv
Test Data File: data\2024-11-24T10_13_28_d300sec_w1000ms\testing.csv
Model Save Path: saved_models\cnn1d_model_normalized_relative_w1000ms.pth
PDF Report Path: run_reports\cnn1d_model_normalized_relative_w1000ms.pdf

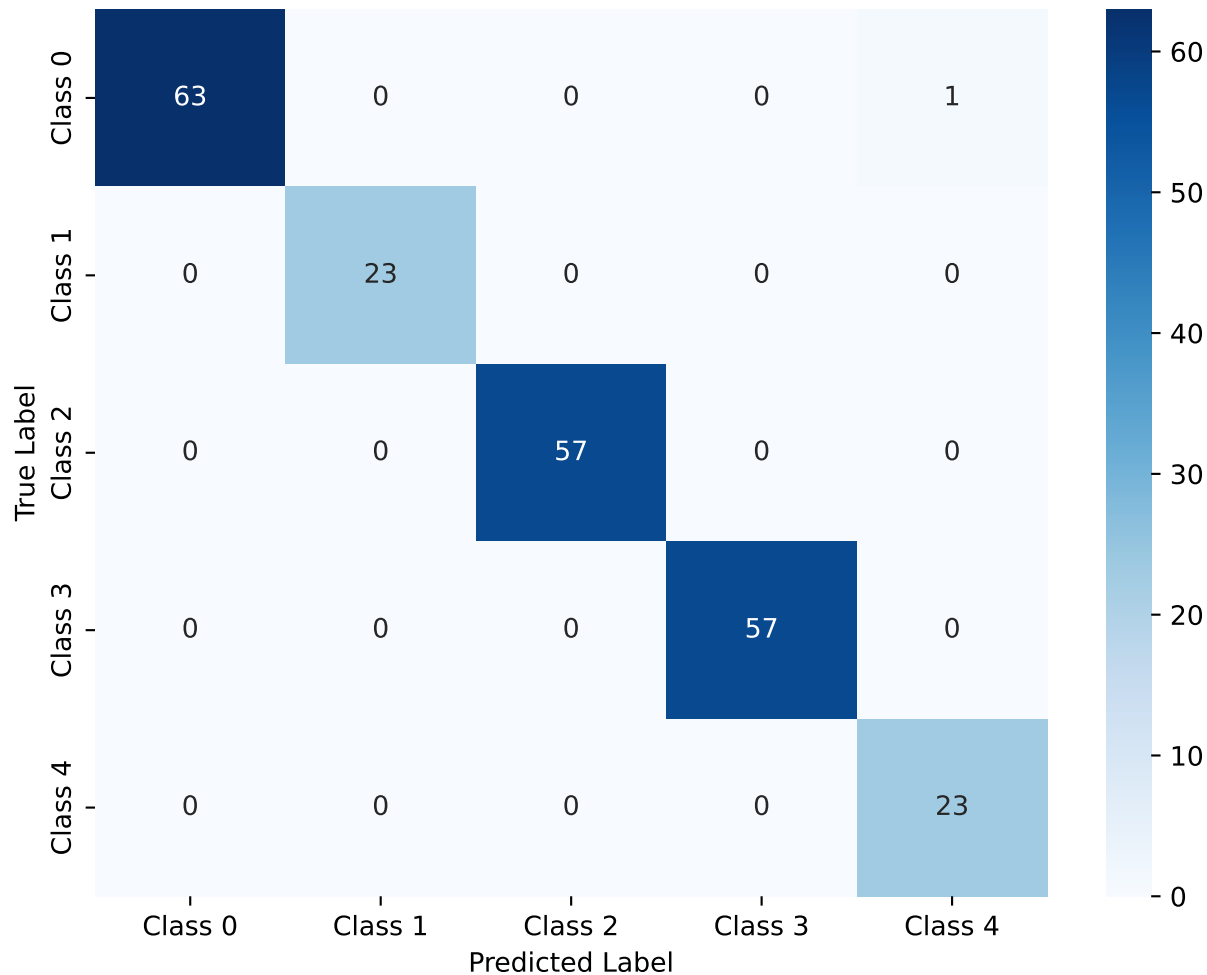
Basic Config:

num_features: 72
window_size: 60
num_classes: 5
batch_size: 32
num_epochs: 40
learning_rate: 0.001
validation_split: 0.2

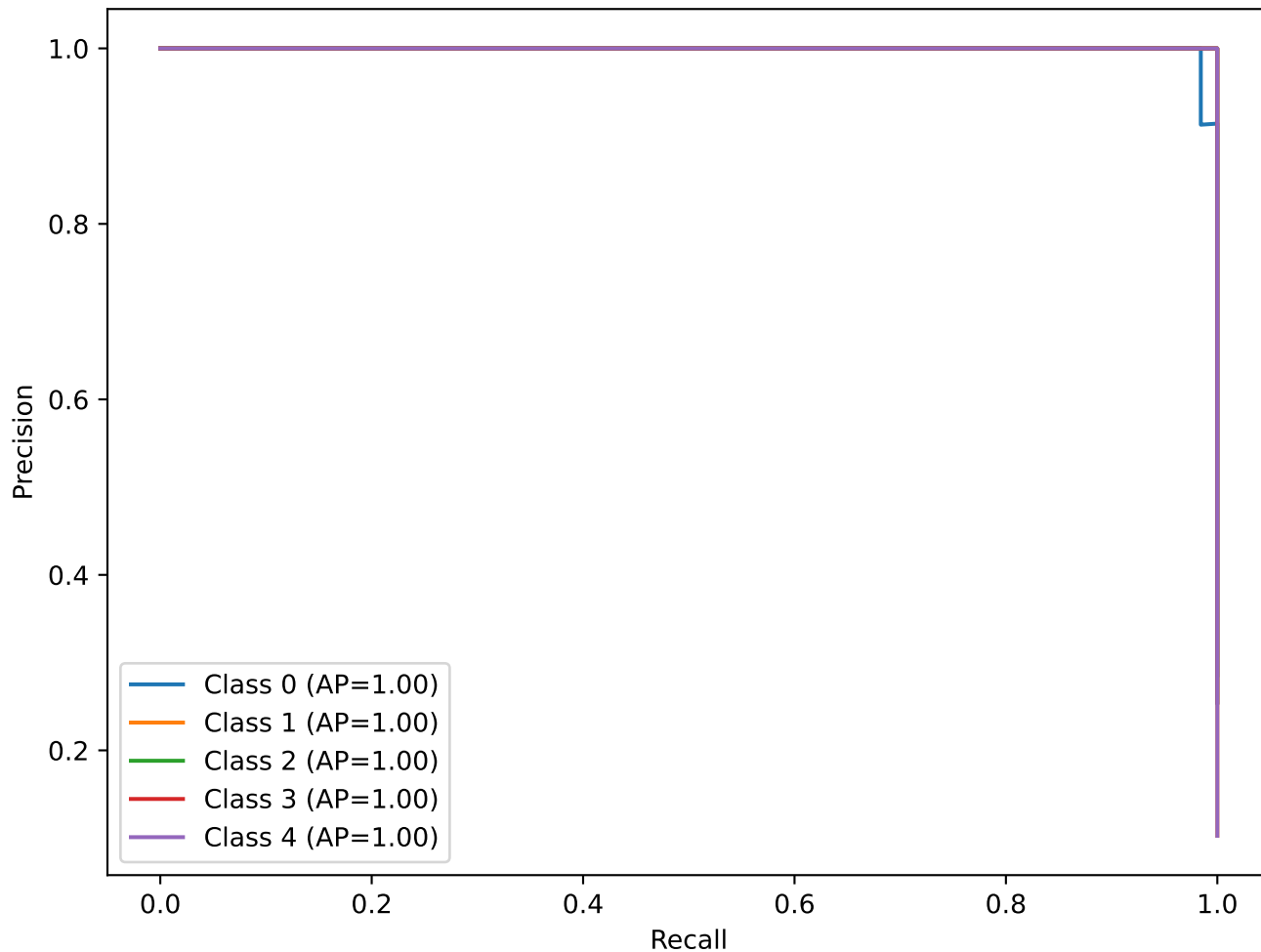
Classification Report

	precision	recall	f1-score	support
Class 0	1.00	0.98	0.99	64
Class 1	1.00	1.00	1.00	23
Class 2	1.00	1.00	1.00	57
Class 3	1.00	1.00	1.00	57
Class 4	0.96	1.00	0.98	23
accuracy			1.00	224
macro avg	0.99	1.00	0.99	224
weighted avg	1.00	1.00	1.00	224

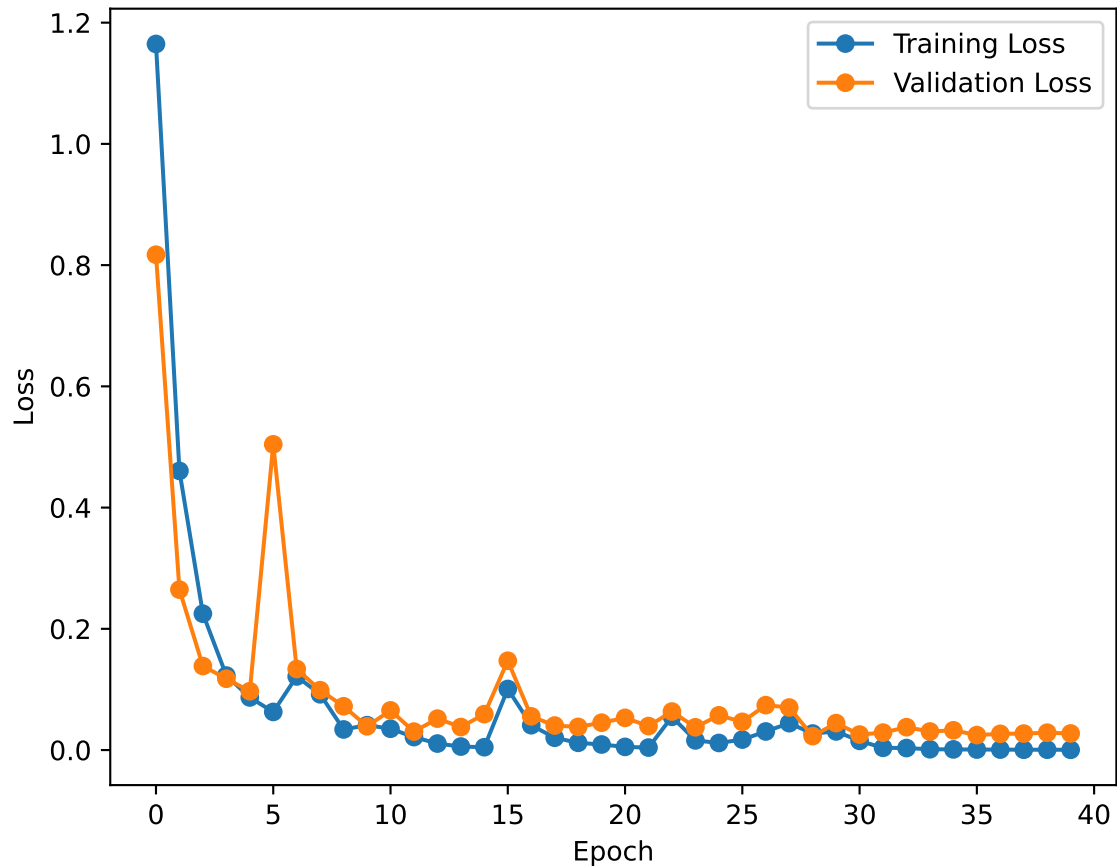
Confusion Matrix



Precision-Recall Curves



Loss Curve



Accuracy Curve

