Training Report: UNetMLP 89b1e76d-c68d-4d20-8b8a-5d9ed3e1267a

Best Epoch Performance Metrics

```
Summary of Metrics:
- Samples: 1678
- Loss: 2.406
- Accuracy: 78.696%
- Precision (PPV): 80.789%
- Recall (Sensitivity): 78.696%
- Specificity (TNR): 99.127%
- F1-Score: 78.622%
- ROC AUC: 94.770%
- PR AUC: 73.437%
- Performance: 81.485%
- Weighted: True
```
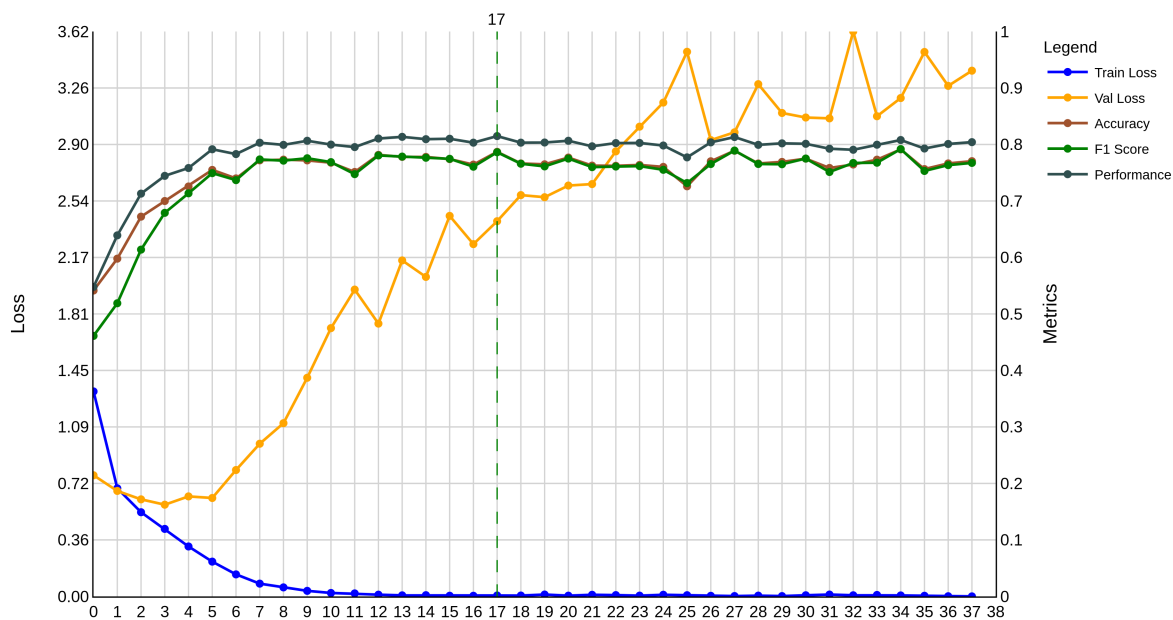
Model Configuration

```
- in_channels: 1024
- in_seq_len: 1023
- out_channels: 10
- reduced_seq_len: 10
- reduced_channels: 960
- hidden_layers: HiddenLayers(kind=Type.RELATIVE, value=(0.8, 2))
- kernel_size: 3
```
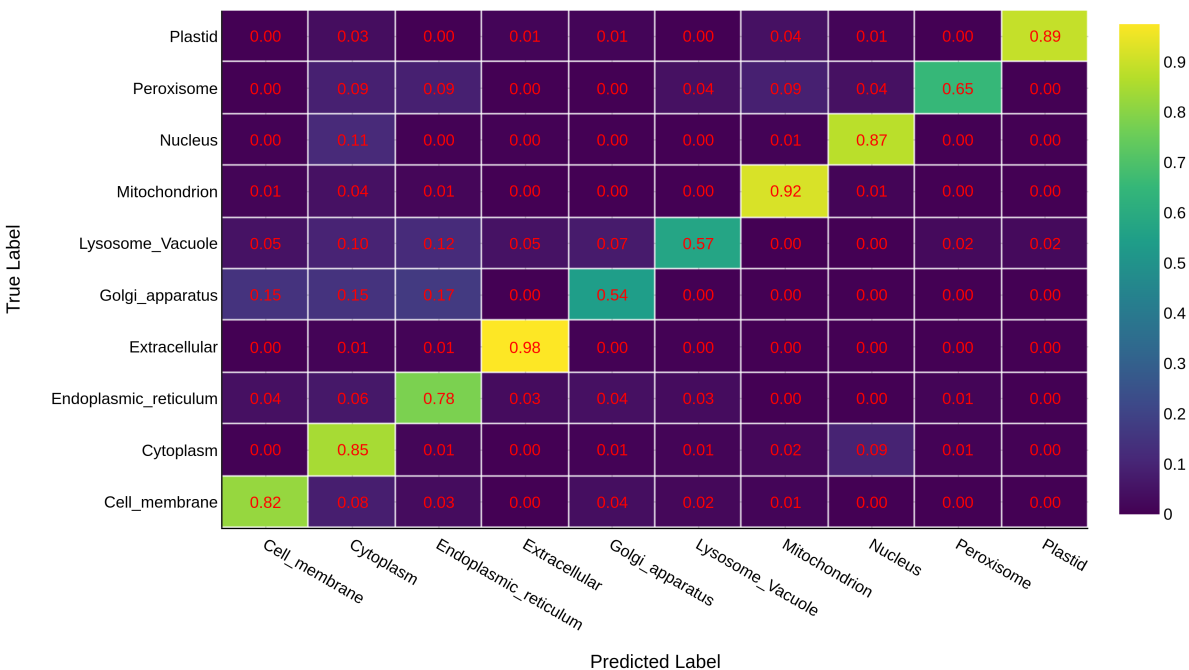
Memory Size:

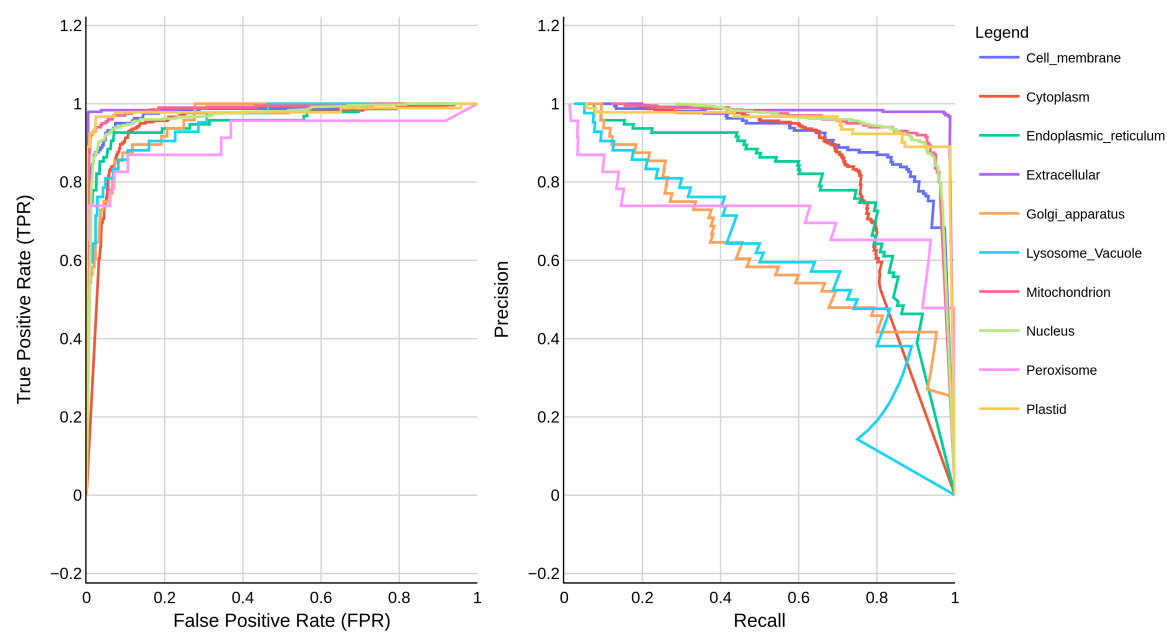```
548.060 MB
```

# Figures & Visualizations

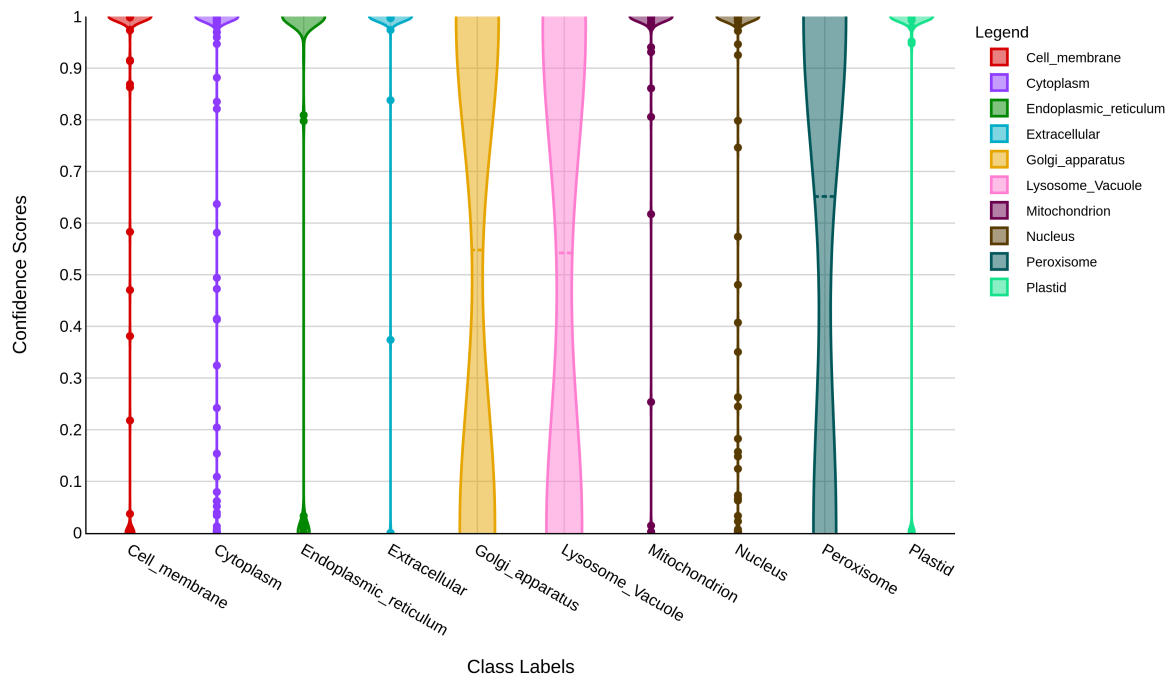TrainingLoss & TrainingPerformance (epoch: 37) | UNetMLP



Confusion Matrix (UNetMLP)

# MultiFigure: ROCCurve | PRCurve



# Prediction Confidence Distribution (UNetMLP)

# Final Evaluation Report: UNetMLP 89b1e76d-c68d-4d20-8b8a-5d9ed3e1267a

## Test Set Performance

```
Summary of Metrics:
- Samples: 490
- Loss: 7.353
- Accuracy: 62.653%
- Precision (PPV): 63.013%
- Recall (Sensitivity): 56.174%
- Specificity (TNR): 95.376%
- F1-Score: 57.327%
- ROC AUC: 88.279%
- PR AUC: 54.960%
- Performance: 65.017%
- Weighted: False
```
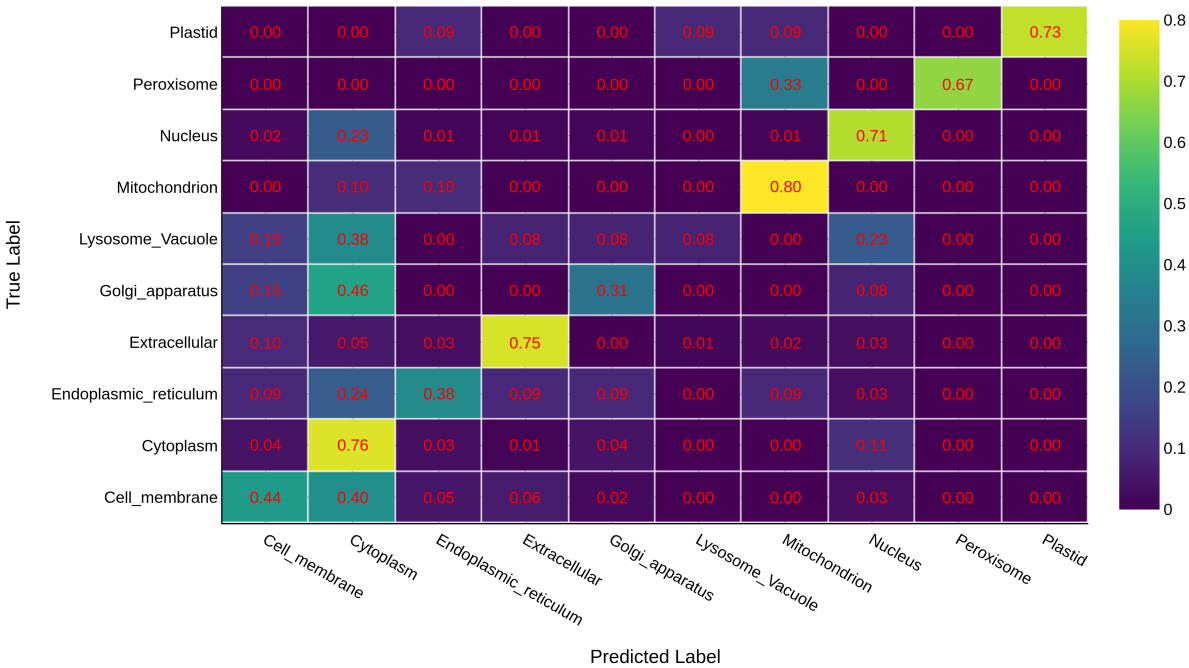
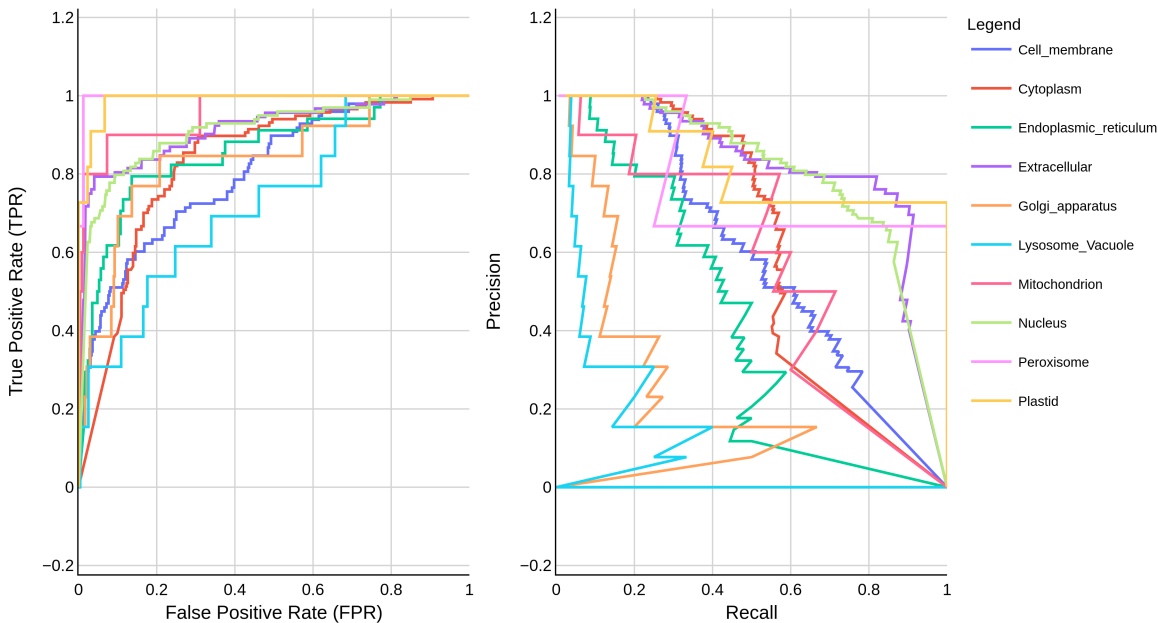## Test Set Performance (Sampled Statistics)

```
MetricsSampled Summary:
mean metric 95% confidence interval
Accuracy: 62.56 [62.46 - 62.66]
Sensitivity: 55.77 [55.55 - 56.00]
Specificity: 95.37 [95.36 - 95.38]
F1-Score: 55.76 [55.54 - 55.98]
```

Figures & Visualizations

Confusion Matrix (UNetMLP)

MultiFigure: ROCCurve | PRCurve

Prediction Confidence Distribution (UNetMLP)