Training Report: AttentionMLP 71020308-7a83-46a5-872c-9768ece46f49

Best Epoch Performance Metrics

```
Summary of Metrics:
- Samples: 1678
- Loss: 2.688
- Accuracy: 79.455%
- Precision (PPV): 81.175%
- Recall (Sensitivity): 79.455%
- Specificity (TNR): 99.194%
- F1-Score: 79.287%
- ROC AUC: 94.810%
- PR AUC: 74.803%
- Performance: 82.162%
- Weighted: True
```
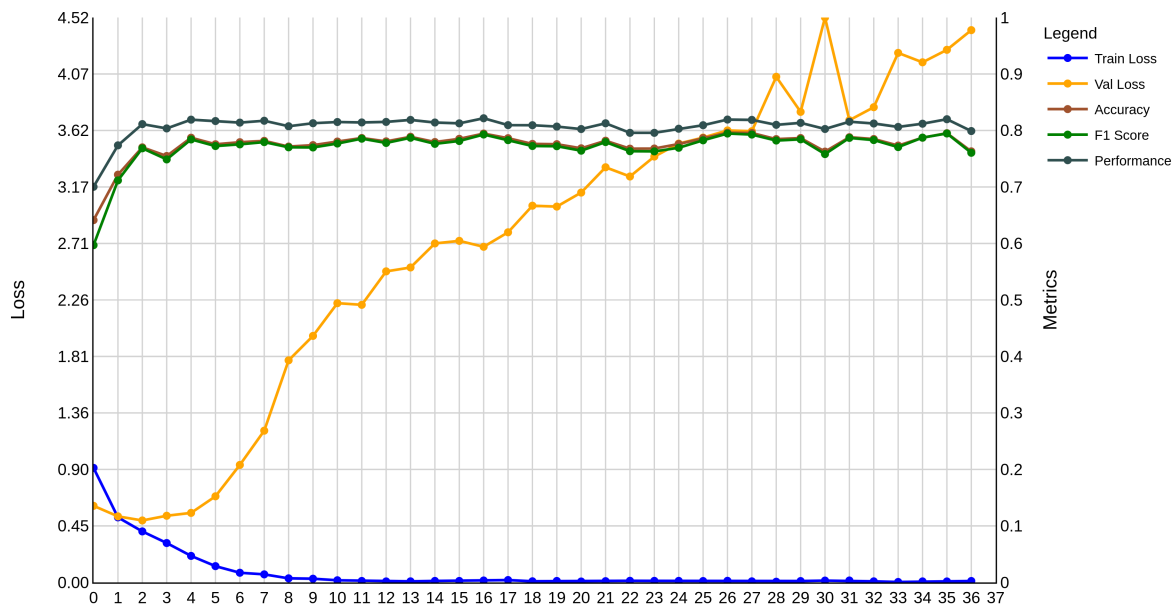
Model Configuration

```
- in_channels: 1024
- in_seq_len: 1023
- out_channels: 10
- reduced_seq_len: 10
- hidden_layers: HiddenLayers(kind=Type.RELATIVE, value=(0.4, 3))
- num_heads: 8
```
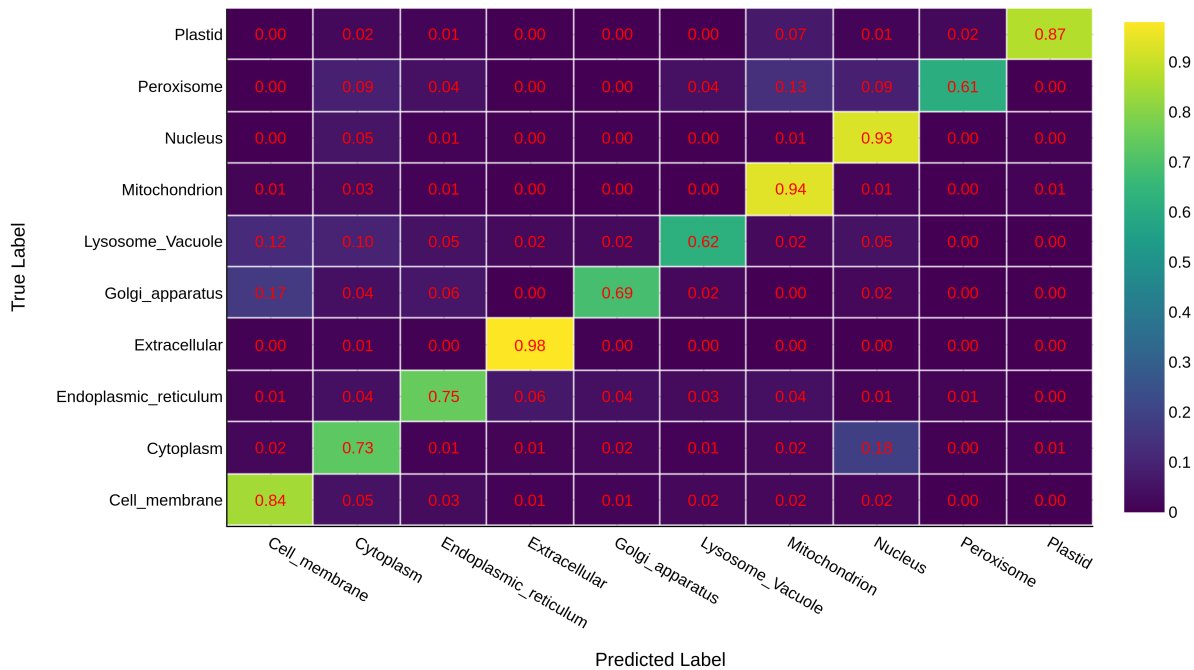
Memory Size:

```
205.798 MB
```

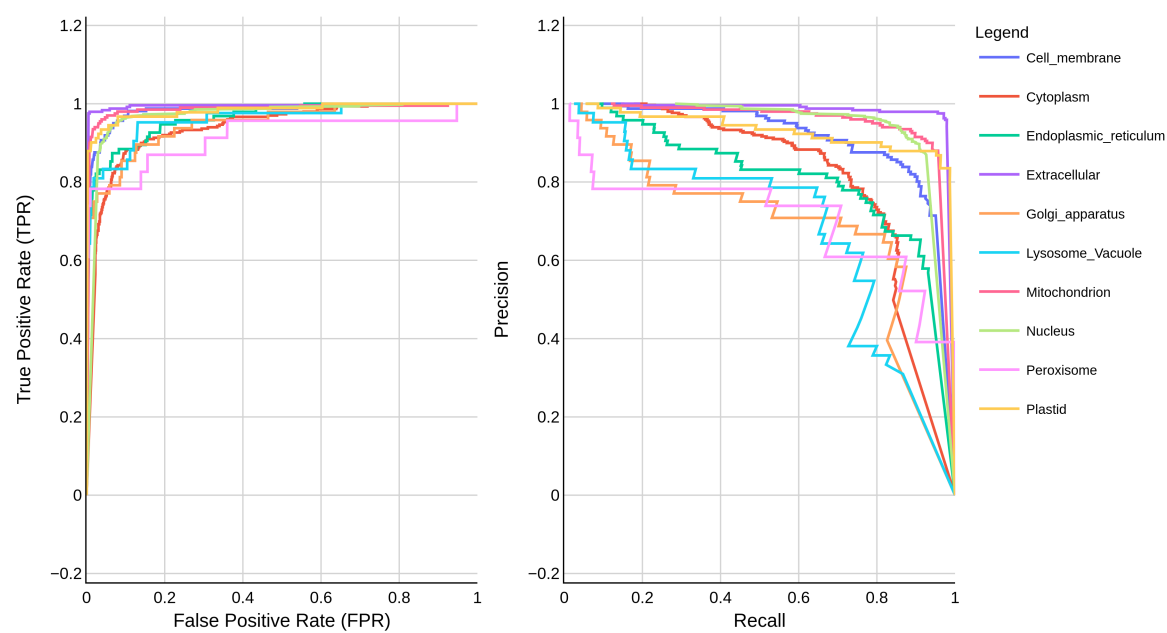# Figures & Visualizations

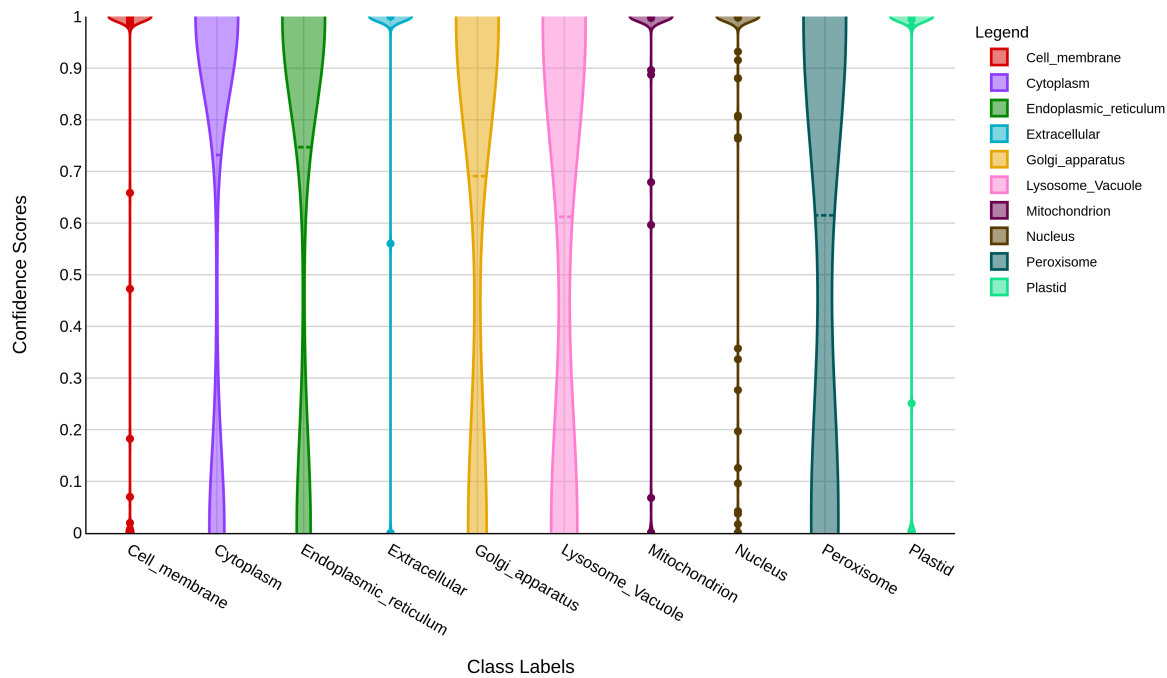TrainingLoss & TrainingPerformance (epoch: 36) | AttentionMLP

Confusion Matrix (AttentionMLP)

MultiFigure: ROCCurve | PRCurve

Prediction Confidence Distribution (AttentionMLP)

Final Evaluation Report: AttentionMLP (71020308-7a83-46a5-872c-9768ece46f49)

Test Set Performance

```
Summary of Metrics:
- Samples: 490
- Loss: 8.067
- Accuracy: 64.082%
- Precision (PPV): 56.493%
- Recall (Sensitivity): 60.481%
- Specificity (TNR): 95.613%
- F1-Score: 56.611%
- ROC AUC: 89.095%
- PR AUC: 58.577%
- Performance: 65.734%
- Weighted: False
```
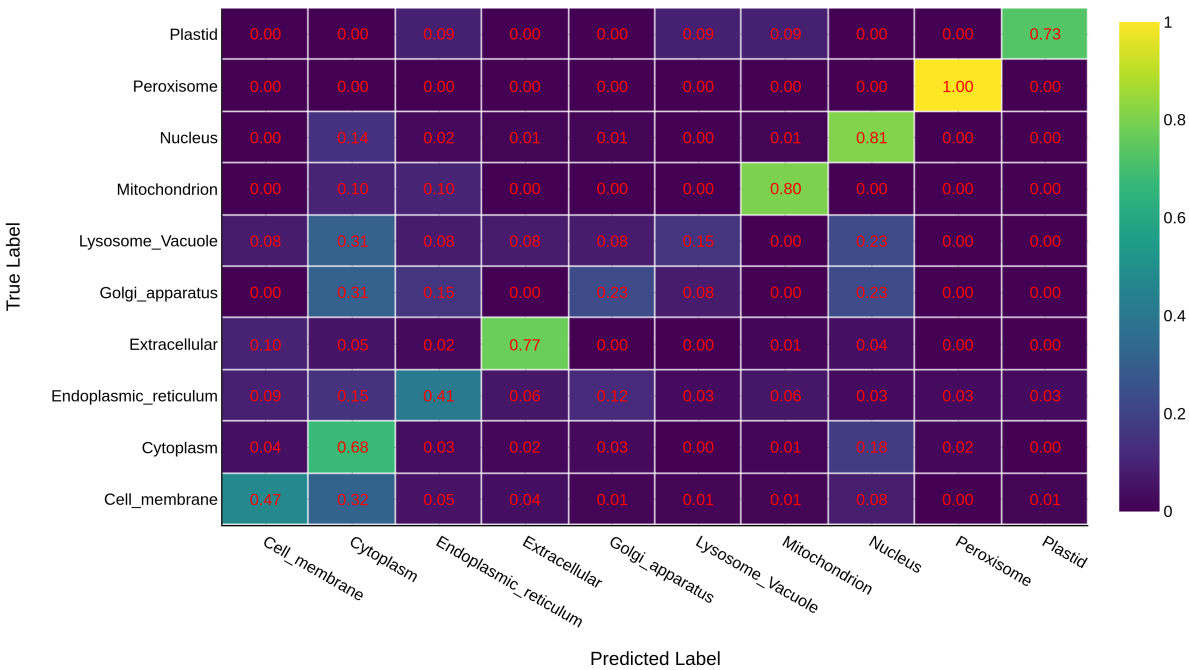
Test Set Performance (Sampled Statistics)
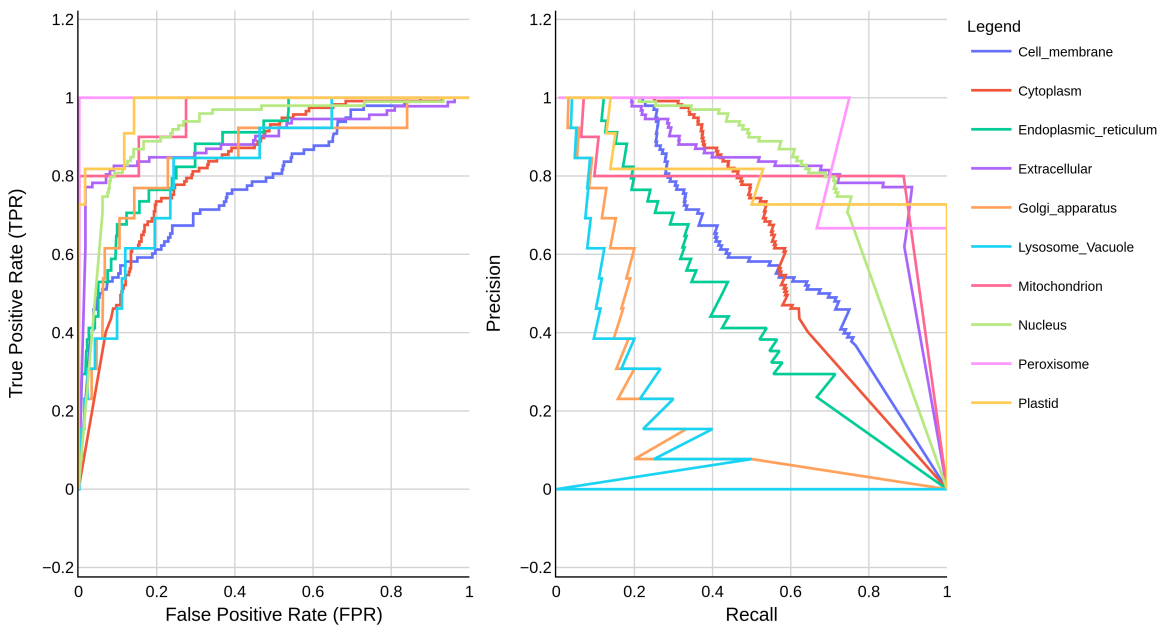
```
MetricsSampled Summary:
mean metric 95% confidence interval
Accuracy: 64.11 [64.01 - 64.21]
Sensitivity: 60.10 [59.92 - 60.28]
Specificity: 95.62 [95.61 - 95.63]
F1-Score: 55.47 [55.29 - 55.66]
```

Figures & Visualizations

Confusion Matrix (AttentionMLP)

MultiFigure: ROCCurve | PRCurve

Prediction Confidence Distribution (AttentionMLP)