

# Training Report:

## AttentionMLP

### 2e0e5d90-88c0-4558-8da8-470319aac2d5

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#### Best Epoch Performance Metrics

```
Summary of Metrics:  
- Samples: 1678  
- Loss: 0.863  
- Accuracy: 79.357%  
- Precision (PPV): 81.448%  
- Recall (Sensitivity): 79.357%  
- Specificity (TNR): 99.221%  
- F1-Score: 79.321%  
- ROC AUC: 96.358%  
- PR AUC: 77.938%  
- Performance: 82.906%  
- 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=(0.2, 1))  
- num_heads: 8
```

#### Memory Size:

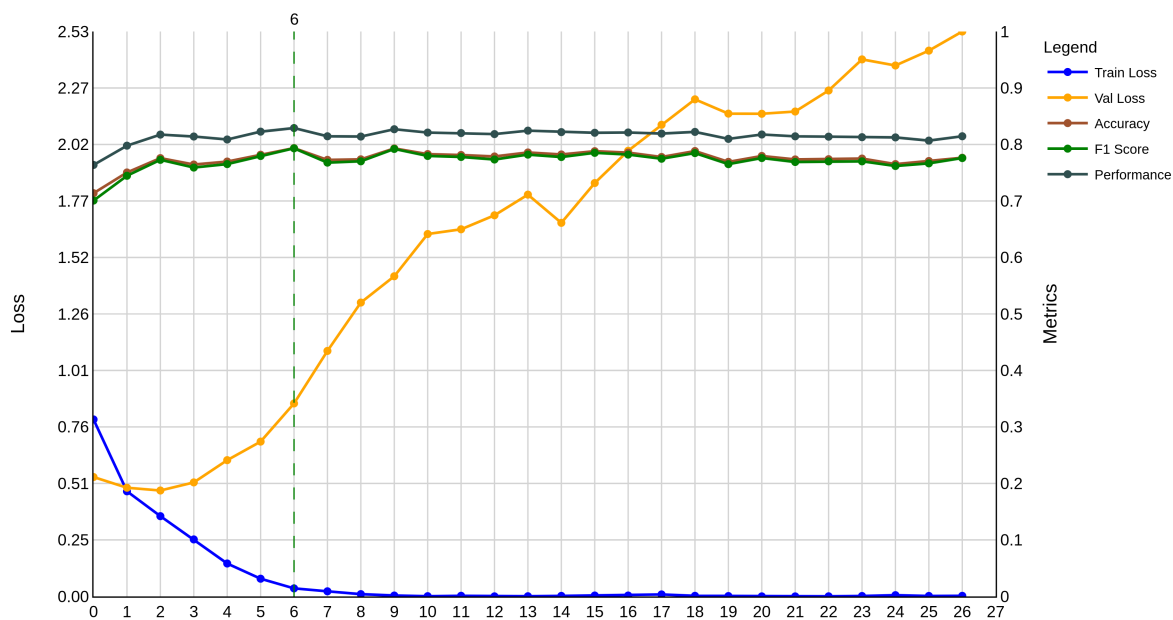
96.148 MB

#### Best Epoch

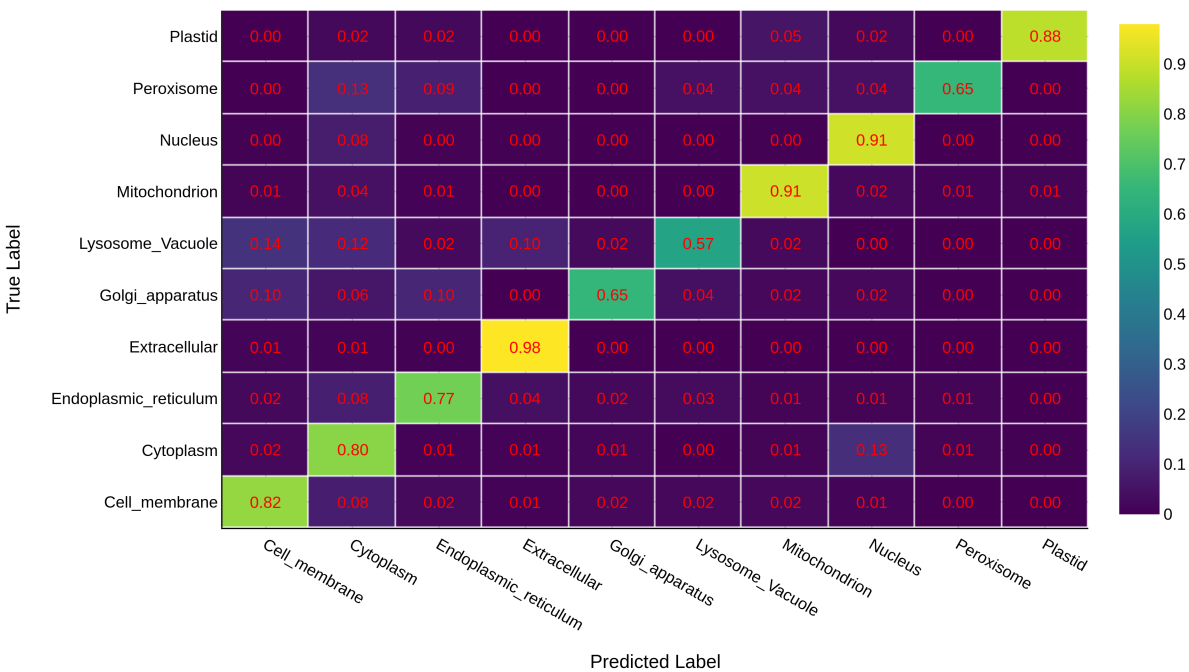
6

# Figures & Visualizations

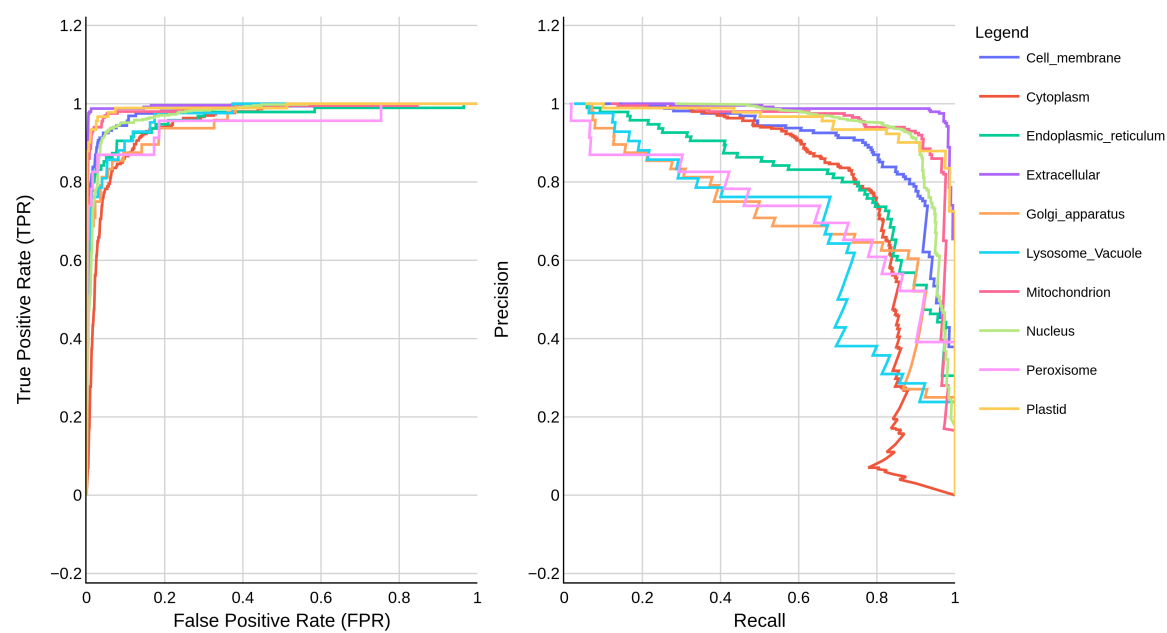
TrainingLoss & TrainingPerformance (epoch: 26) | AttentionMLP



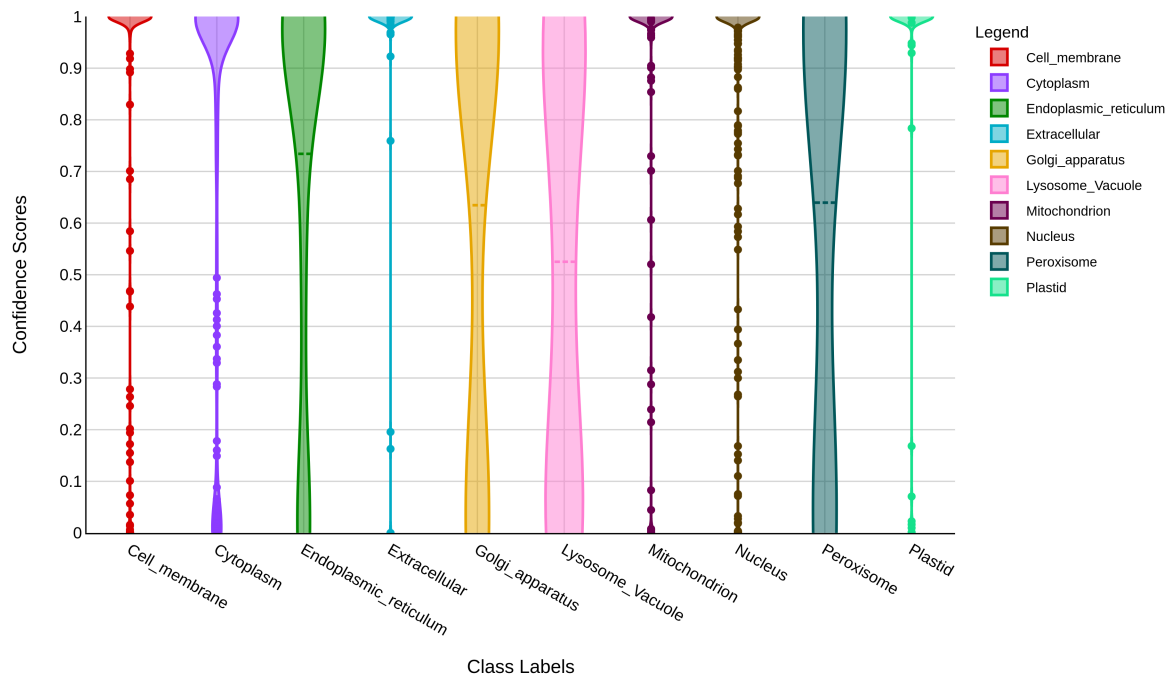
Confusion Matrix (AttentionMLP)



MultiFigure: ROCCurve | PRCurve



Prediction Confidence Distribution (AttentionMLP)



# Final Evaluation Report: AttentionMLP

## 2e0e5d90-88c0-4558-8da8-470319aac2d5

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### Test Set Performance

Summary of Metrics:

- Samples: 490
- Loss: 2.877
- Accuracy: 63.878%
- Precision (PPV): 58.859%
- Recall (Sensitivity): 60.006%
- Specificity (TNR): 95.526%
- F1-Score: 57.053%
- ROC AUC: 88.759%
- PR AUC: 59.237%
- Performance: 66.094%
- Weighted: False

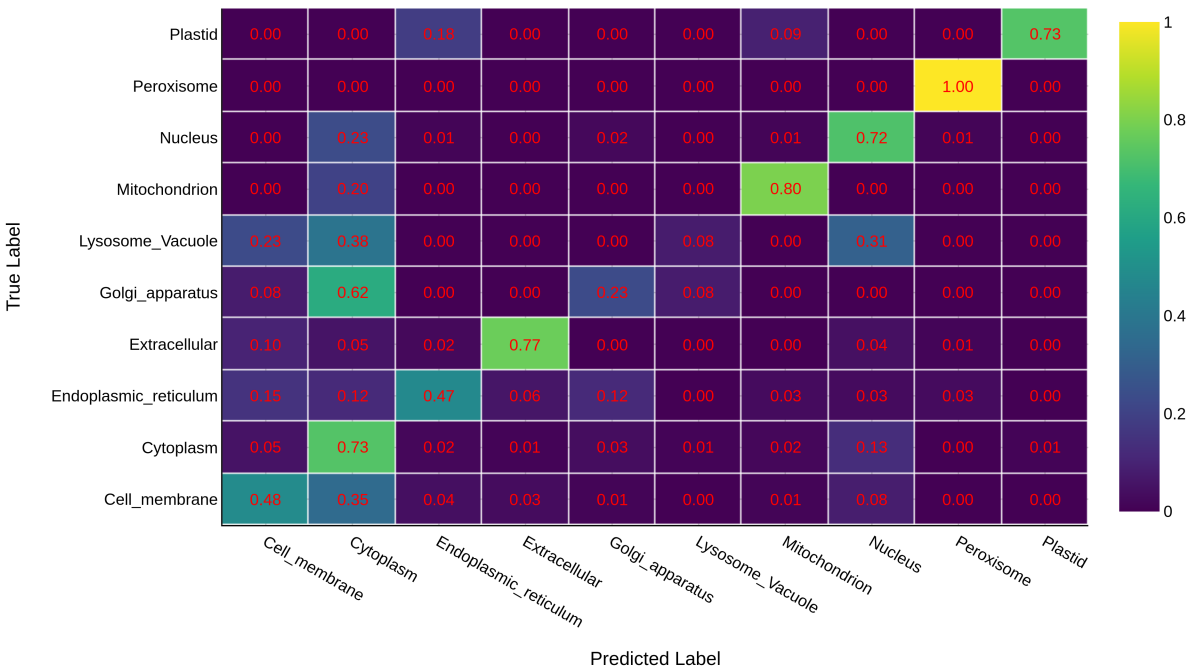
### Test Set Performance (Sampled Statistics)

MetricsSampled Summary:

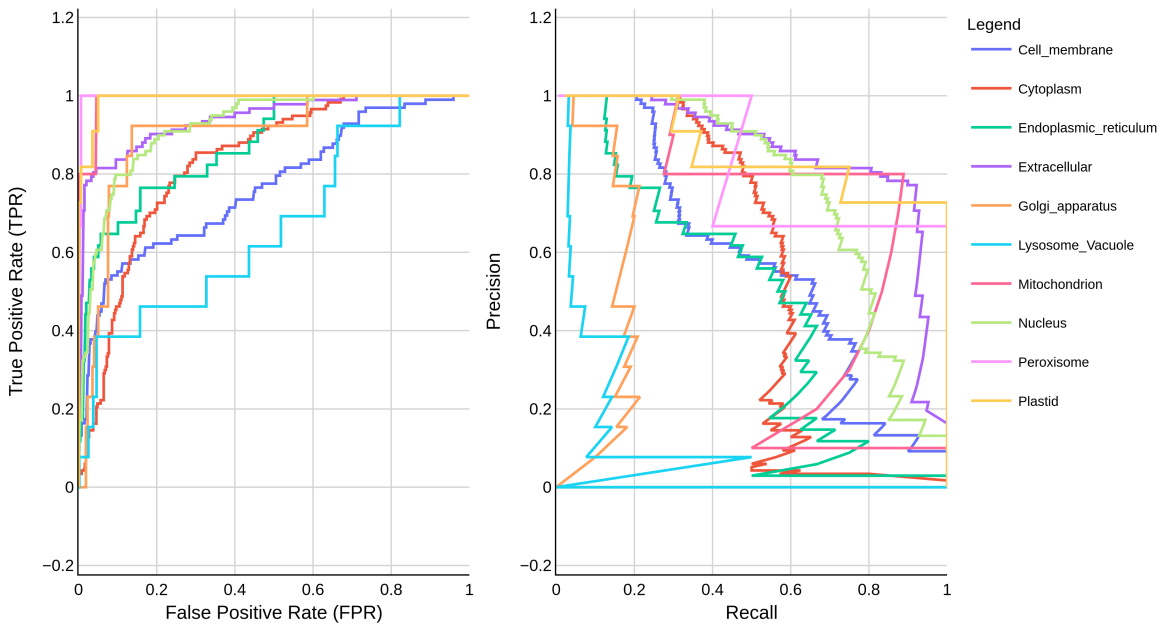
mean metric 95% confidence interval  
Accuracy: 63.79 [63.69 - 63.89]  
Sensitivity: 59.58 [59.41 - 59.75]  
Specificity: 95.52 [95.50 - 95.53]  
F1-Score: 56.03 [55.86 - 56.20]

# Figures & Visualizations

Confusion Matrix (AttentionMLP)



MultiFigure: ROCCurve | PRCurve



Prediction Confidence Distribution (AttentionMLP)

