

# Training Report:

## LightAttention

### beb27502-bd1c-443b-bc3d-81a8f93897b0

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#### Best Epoch Performance Metrics

Summary of Metrics:

- Samples: 1678
- Loss: 0.522
- Accuracy: 80.082%
- Precision (PPV): 82.514%
- Recall (Sensitivity): 80.082%
- Specificity (TNR): 99.380%
- F1-Score: 80.011%
- ROC AUC: 95.124%
- PR AUC: 78.962%
- Performance: 83.499%
- Weighted: True

#### Model Configuration

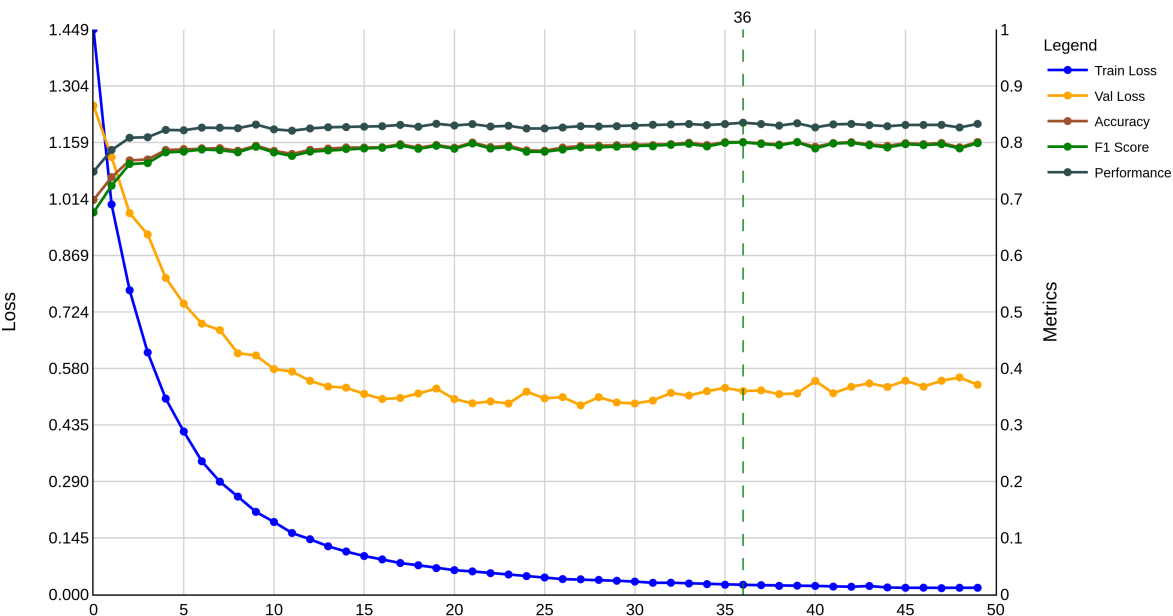
- in\_channels: 1024
- in\_seq\_len: 1023
- out\_channels: 10
- kernel\_size: 9
- conv\_dropout\_rate: 0.25
- hidden\_layers: HiddenLayers(kind=Type.EXACT, value=[32])
- ffn\_dropout\_rate: 0.25

#### Memory Size:

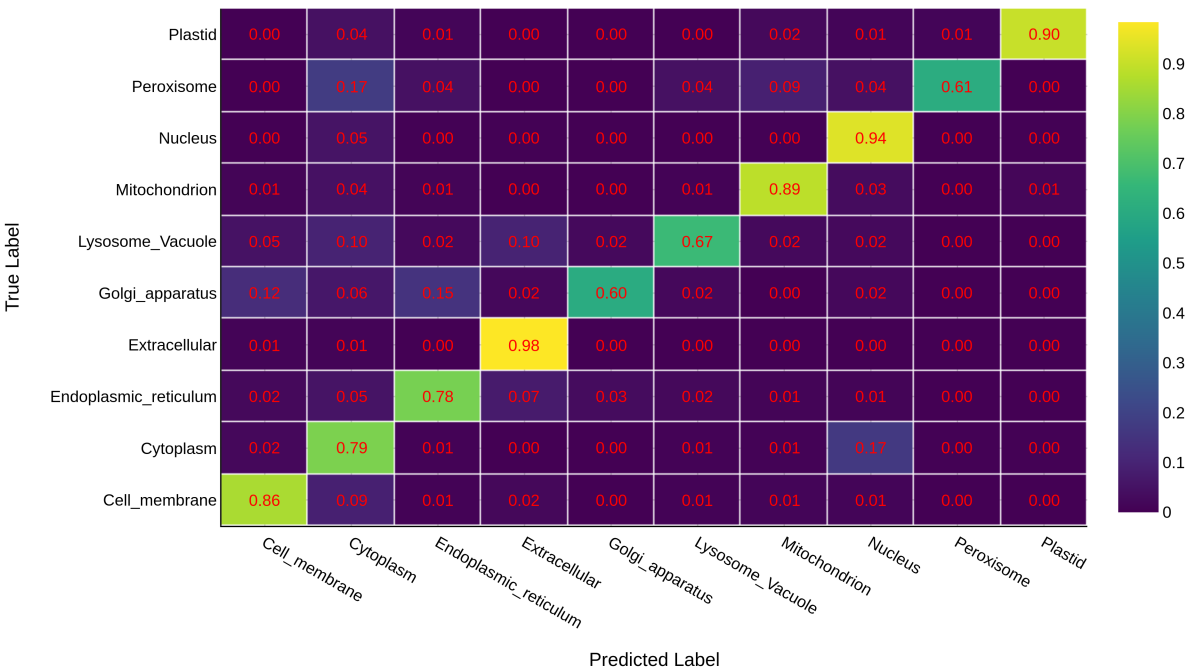
72.260 MB

# Figures & Visualizations

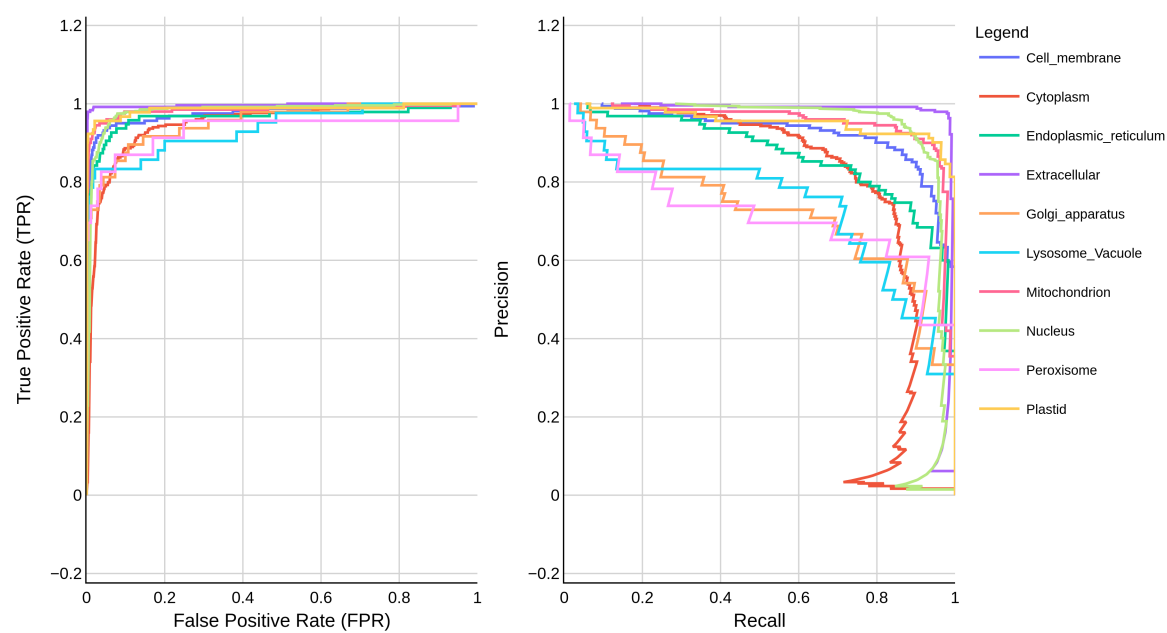
TrainingLoss & TrainingPerformance (epoch: 49) | LightAttention



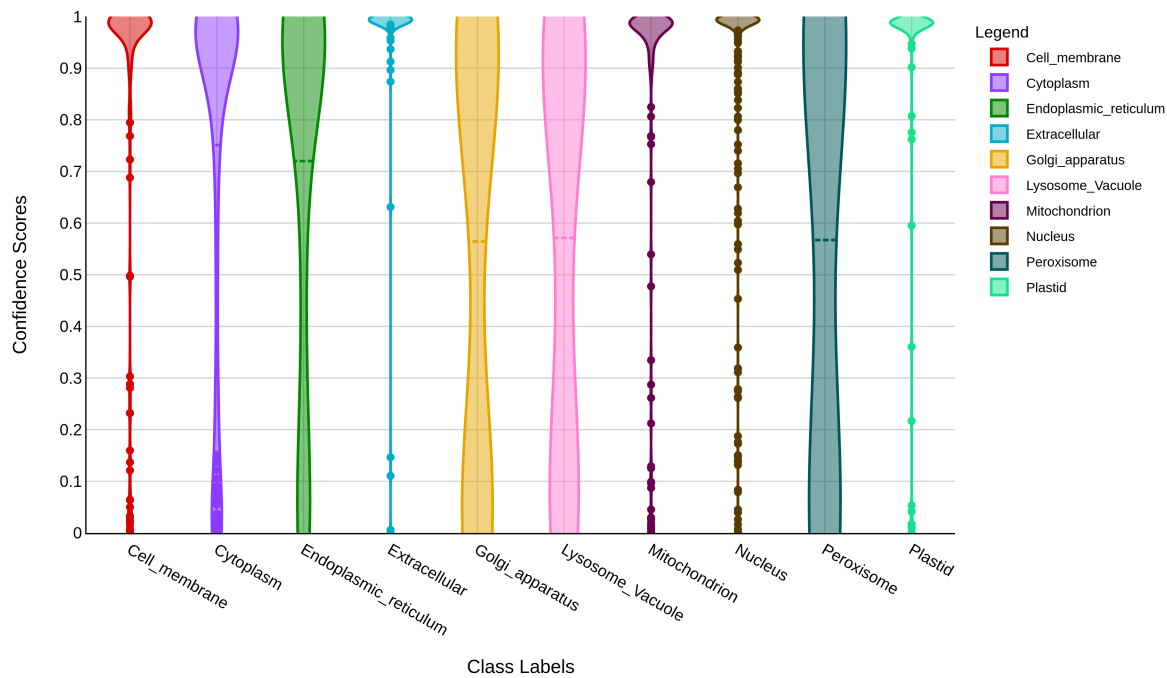
Confusion Matrix (LightAttention)



MultiFigure: ROCCurve | PRCurve



Prediction Confidence Distribution (LightAttention)



# Final Evaluation Report: LightAttention (beb27502-bd1c-443b-bc3d-81a8f93897b0)

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## Test Set Performance

Summary of Metrics:

- Samples: 490
- Loss: 1.549
- Accuracy: 64.490%
- Precision (PPV): 69.742%
- Recall (Sensitivity): 58.210%
- Specificity (TNR): 95.545%
- F1-Score: 60.858%
- ROC AUC: 88.812%
- PR AUC: 63.846%
- Performance: 68.857%
- Weighted: False

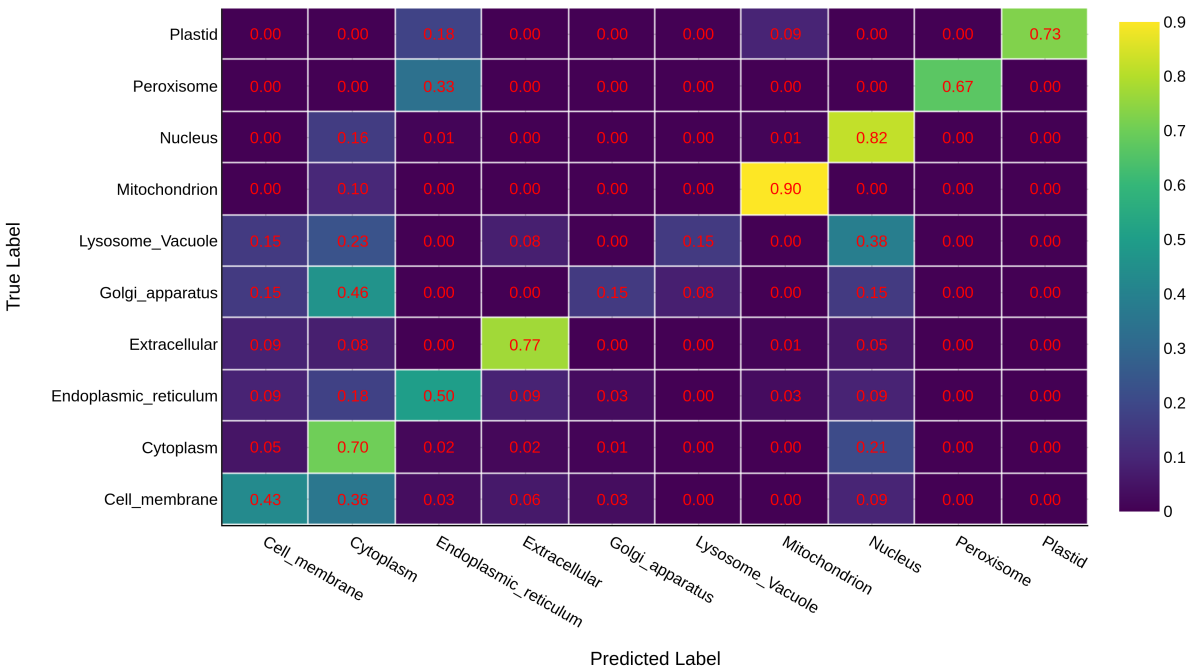
## Test Set Performance (Sampled Statistics)

MetricsSampled Summary:

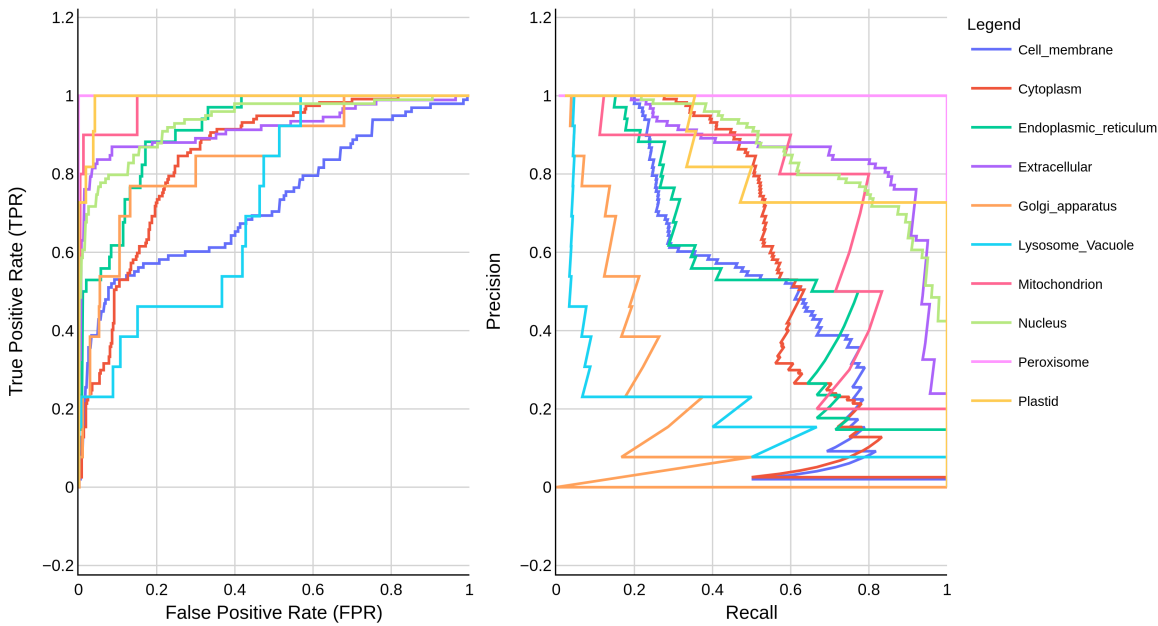
mean metric 95% confidence interval  
Accuracy: 64.41 [64.30 - 64.53]  
Sensitivity: 57.73 [57.52 - 57.95]  
Specificity: 95.54 [95.52 - 95.55]  
F1-Score: 59.20 [58.98 - 59.42]

# Figures & Visualizations

Confusion Matrix (LightAttention)



MultiFigure: ROCCurve | PRCurve



Prediction Confidence Distribution (LightAttention)

