

Training Report:

AttentionLstmHybridFastKAN

59f12f39-ce40-4edc-bd54-a372ec0c9702

Best Epoch Performance Metrics

```
Summary of Metrics:  
- Samples: 1678  
- Loss: 0.808  
- Accuracy: 81.224%  
- Precision (PPV): 83.149%  
- Recall (Sensitivity): 81.224%  
- Specificity (TNR): 99.347%  
- F1-Score: 81.093%  
- ROC AUC: 94.846%  
- PR AUC: 76.120%  
- Performance: 83.558%  
- Weighted: True
```

Model Configuration

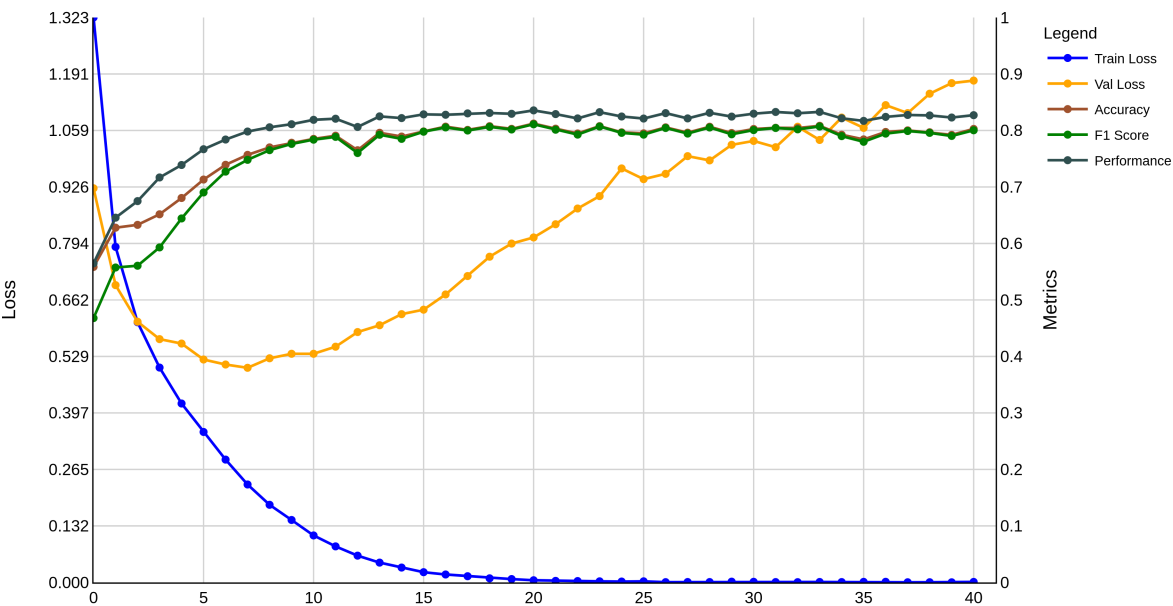
```
- in_channels: 1024  
- in_seq_len: 1023  
- out_channels: 10  
- attention_num_heads: 8  
- lstm_hidden_size: 256  
- lstm_num_layers: 2  
- dropout1_rate: 0.25  
- dropout2_rate: 0.25  
- hidden_layers: HiddenLayers(kind=Type.RELATIVE, value=(0.04, 1))  
- grid_diff: 1.0  
- num_grids: 8
```

Memory Size:

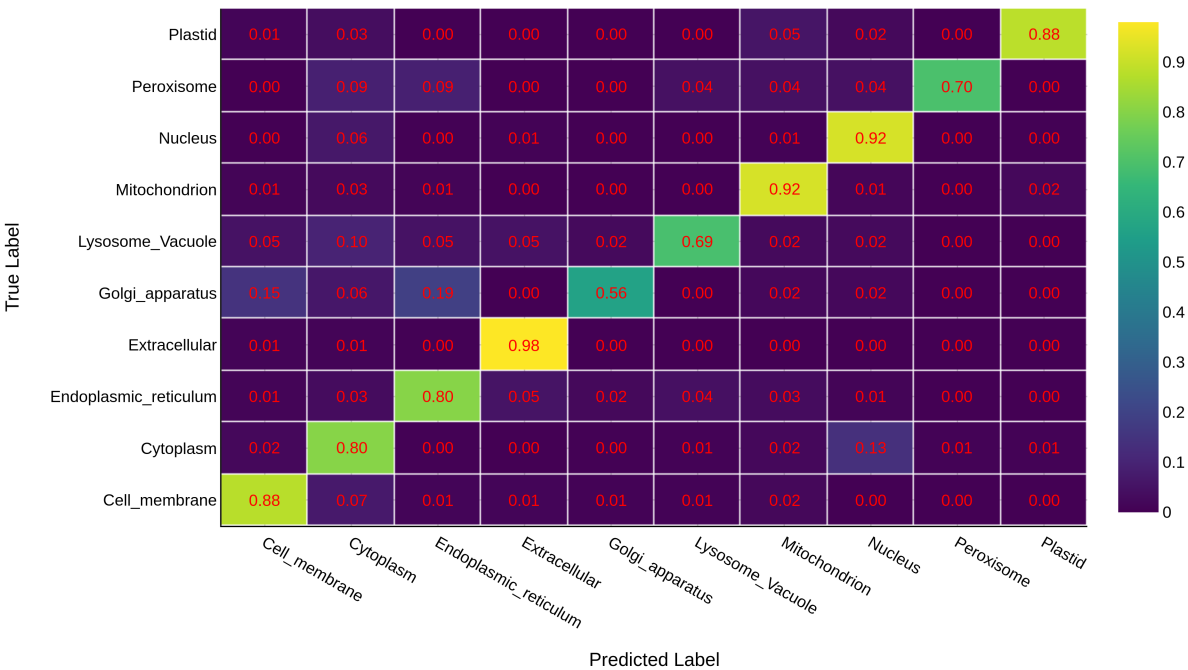
33.167 MB

Figures & Visualizations

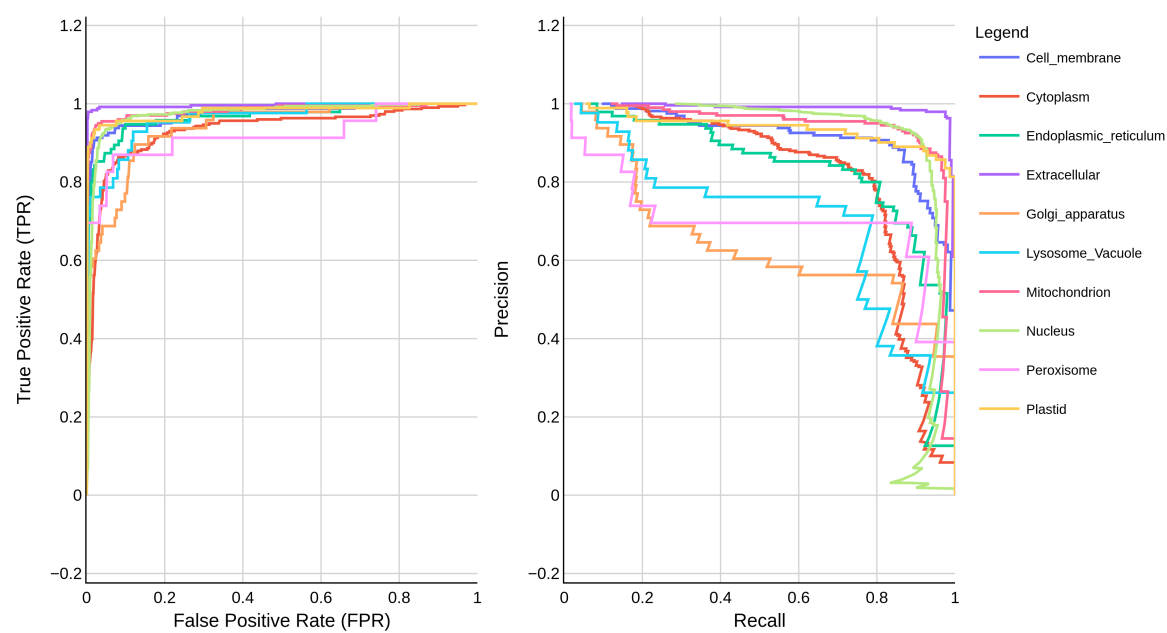
TrainingLoss & TrainingPerformance (epoch: 40) | AttentionLstmHybridFastKAN



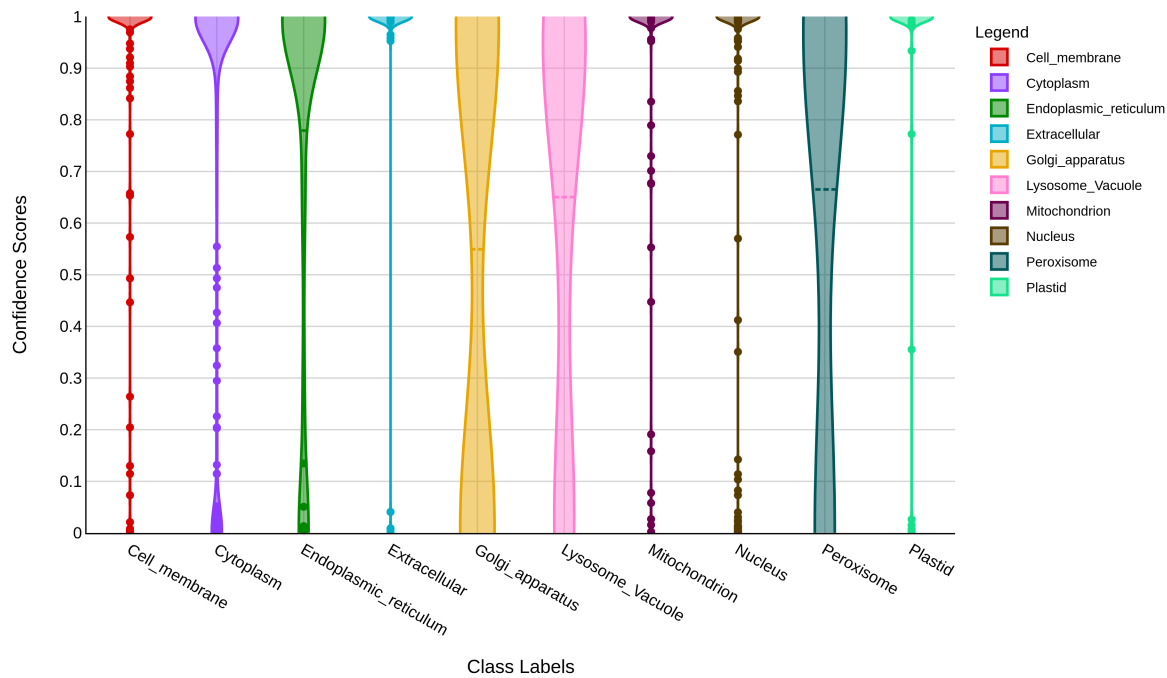
Confusion Matrix (AttentionLstmHybridFastKAN)



MultiFigure: ROCCurve | PRCurve



Prediction Confidence Distribution (AttentionLstmHybridFastKAN)



Final Evaluation Report:

AttentionLstmHybridFastKAN

(59f12f39-ce40-4edc-bd54-a372ec0c9702)

Test Set Performance

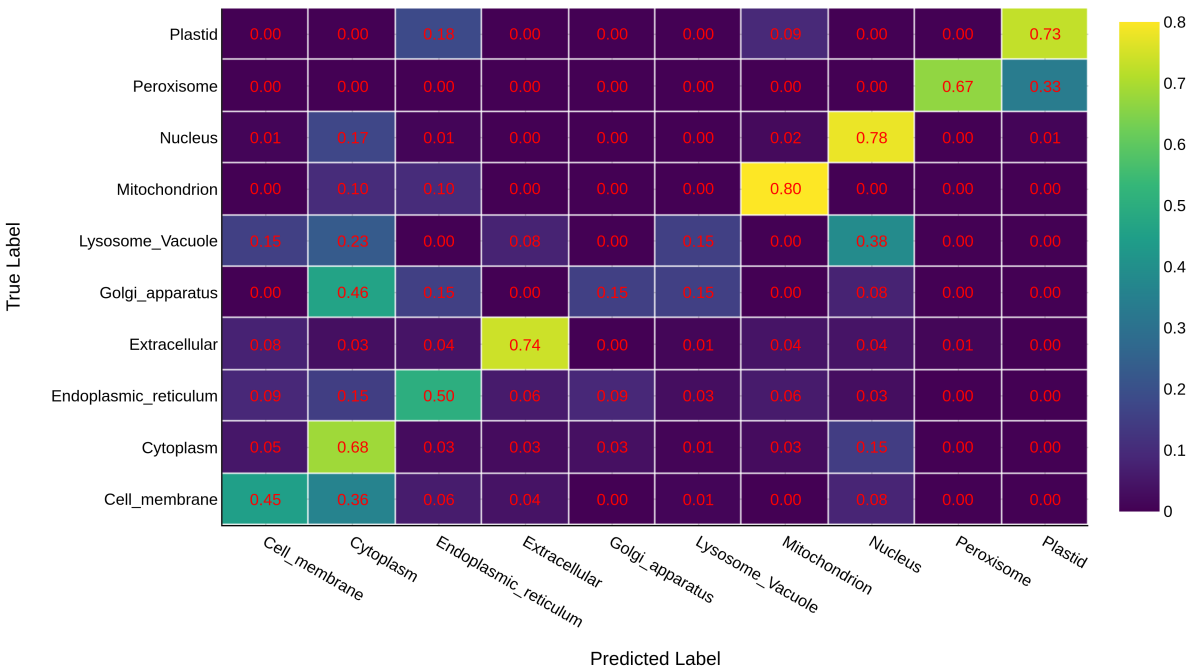
```
Summary of Metrics:
- Samples: 490
- Loss: 2.498
- Accuracy: 62.857%
- Precision (PPV): 55.961%
- Recall (Sensitivity): 56.513%
- Specificity (TNR): 95.465%
- F1-Score: 54.922%
- ROC AUC: 88.107%
- PR AUC: 56.962%
- Performance: 64.170%
- Weighted: False
```

Test Set Performance (Sampled Statistics)

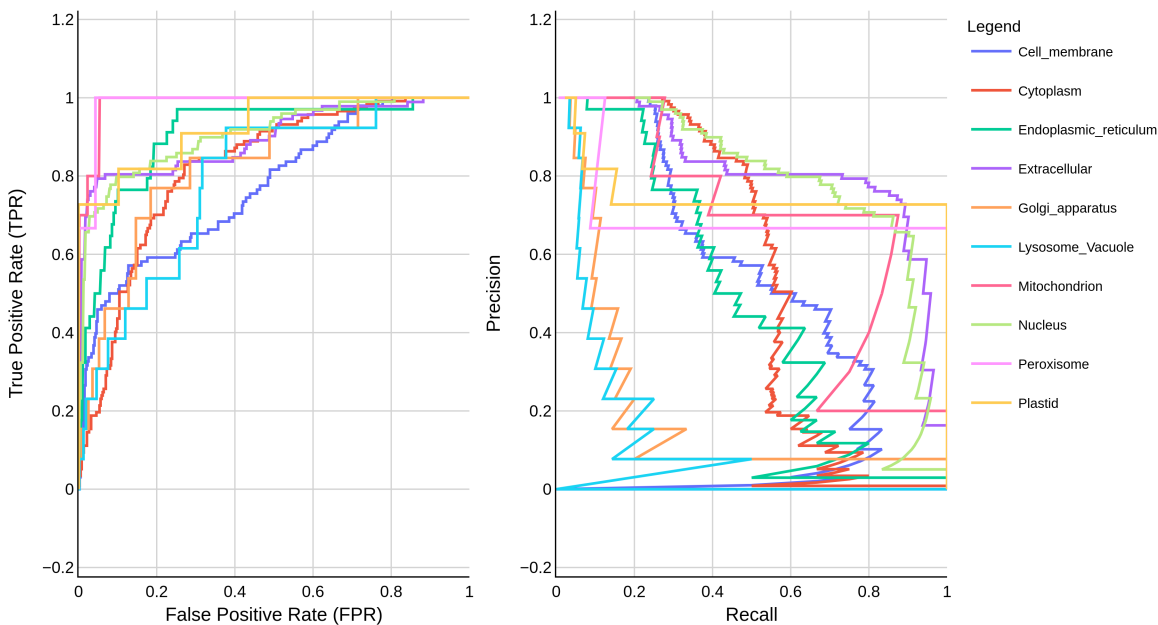
```
MetricsSampled Summary:
mean metric 95% confidence interval
Accuracy: 62.68 [62.57 - 62.78]
Sensitivity: 56.04 [55.82 - 56.26]
Specificity: 95.44 [95.43 - 95.46]
F1-Score: 53.37 [53.16 - 53.59]
```

Figures & Visualizations

Confusion Matrix (AttentionLstmHybridFastKAN)



MultiFigure: ROCCurve | PRCurve



Prediction Confidence Distribution (AttentionLstmHybridFastKAN)

