

Training Report:

LightAttentionFastKAN

d42de715-75c9-415c-a452-3839b9287b0f

Best Epoch Performance Metrics

```
Summary of Metrics:  
- Samples: 1678  
- Loss: 0.593  
- Accuracy: 80.467%  
- Precision (PPV): 82.619%  
- Recall (Sensitivity): 80.467%  
- Specificity (TNR): 99.333%  
- F1-Score: 80.389%  
- ROC AUC: 95.696%  
- PR AUC: 77.886%  
- Performance: 83.537%  
- Weighted: True
```

Model Configuration

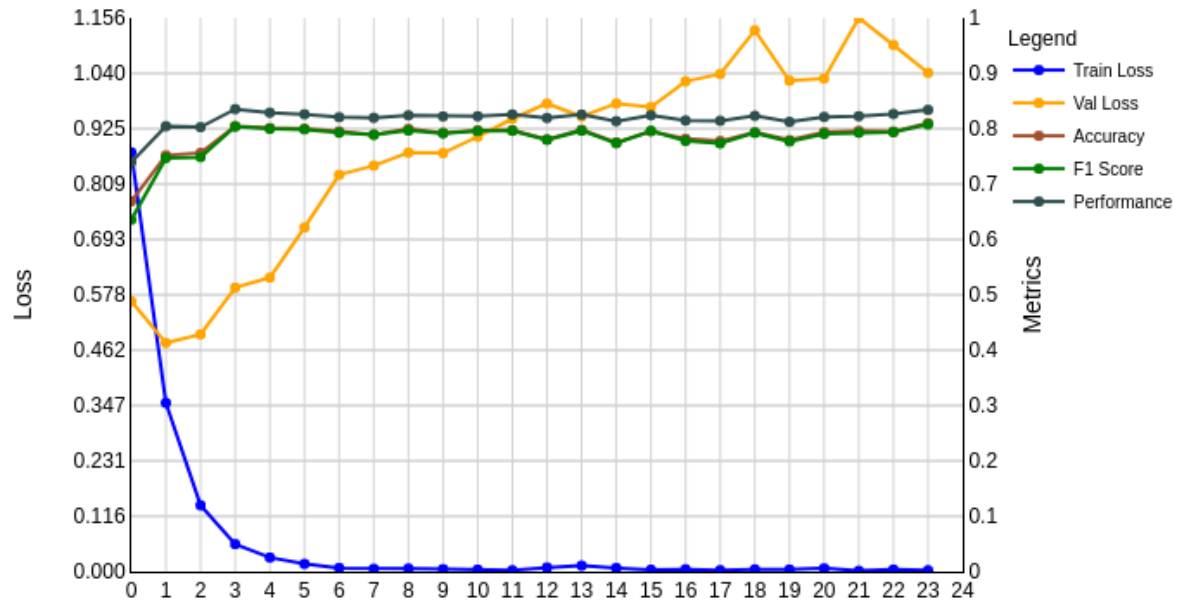
```
- in_channels: 1024  
- in_seq_len: 1023  
- out_channels: 10  
- kernel_size: 9  
- conv_dropout_rate: 0.25  
- hidden_layers: HiddenLayers(kind=Type.EXACT, value=[128])  
- grid_diff: 1.5  
- num_grids: 5
```

Memory Size:

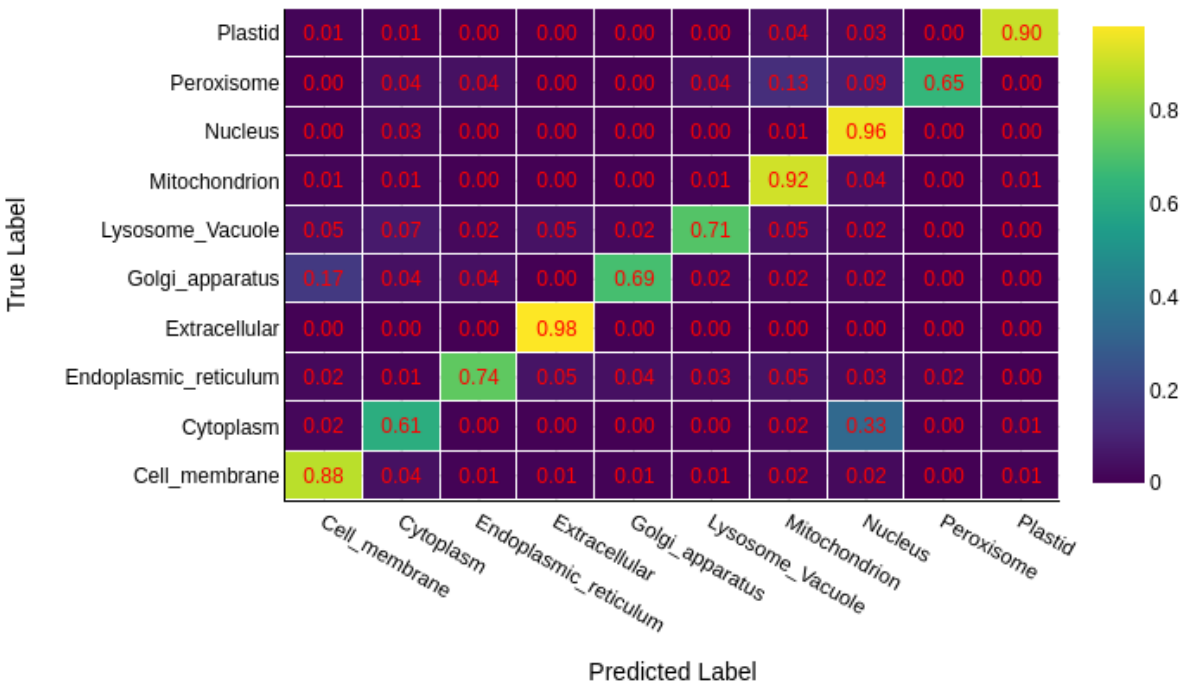
```
79.059 MB
```

Figures & Visualizations

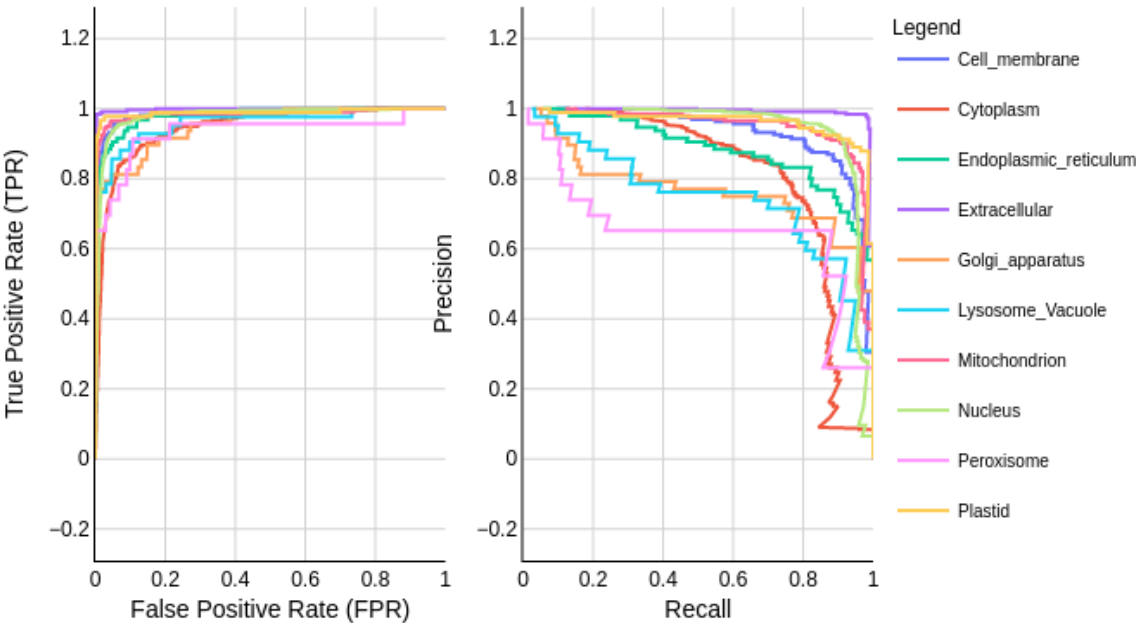
TrainingLoss & TrainingPerformance (epoch: 23) | LightAttentionFastKAN



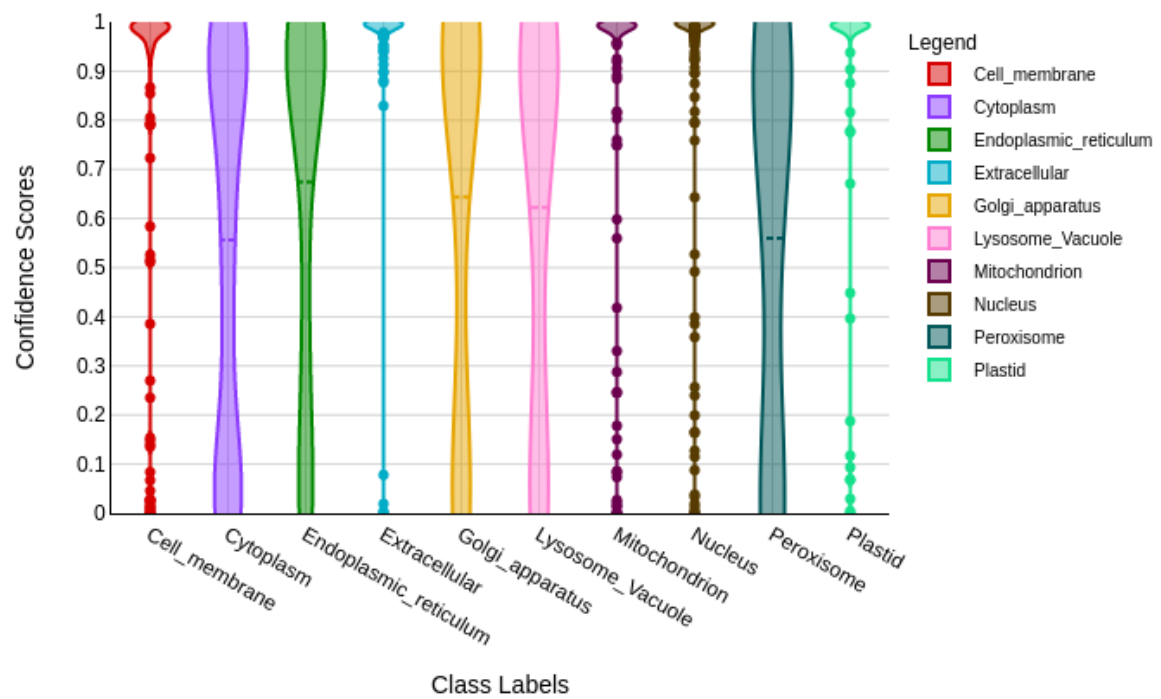
Confusion Matrix (LightAttentionFastKAN)



MultiFigure: ROCCurve | PRCurve



Prediction Confidence Distribution (LightAttentionFastKAN)



Final Evaluation Report: LightAttentionFastKAN (d42de715-75c9-415c-a452-3839b9287b0f)

Test Set Performance

Summary of Metrics:

- Samples: 490

- Loss: 1.860

- Accuracy: 59.184%

- Precision (PPV): 60.081%

- Recall (Sensitivity): 55.111%

- Specificity (TNR): 95.026%

- F1-Score: 53.913%

- ROC AUC: 88.765%

- PR AUC: 57.795%

- Performance: 63.859%

- Weighted: False

Test Set Performance (Sampled Statistics)

MetricsSampled Summary:

mean metric 95% confidence interval

Accuracy: 59.33 [59.23 - 59.44]

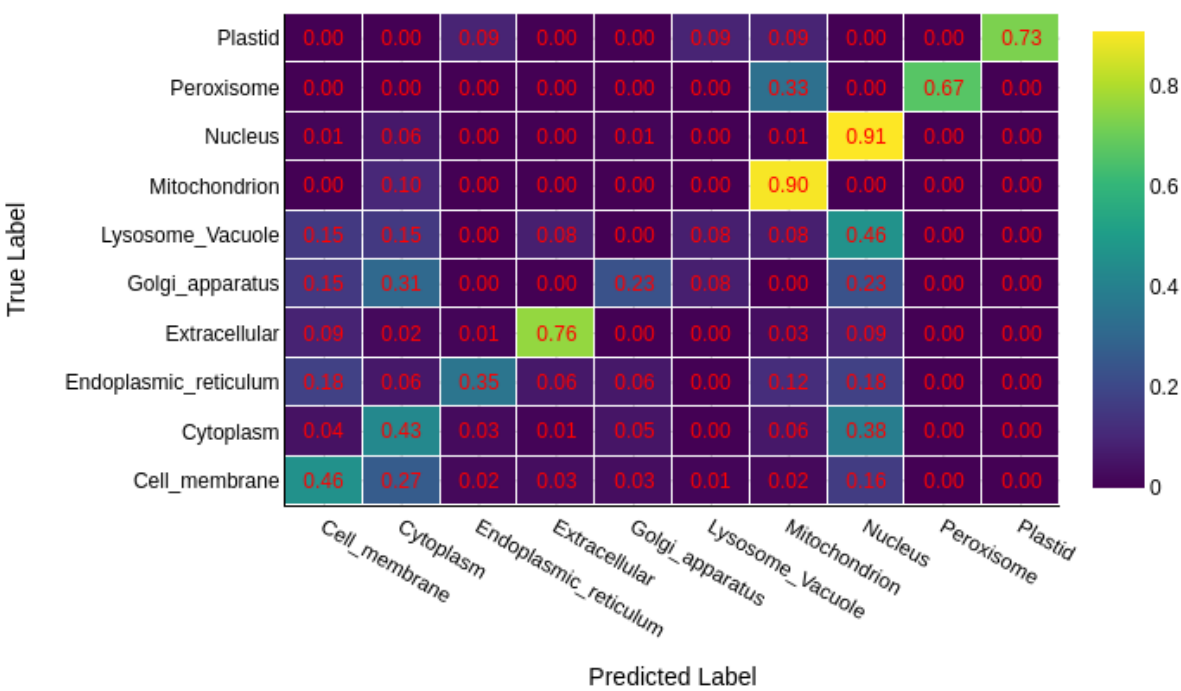
Sensitivity: 54.75 [54.54 - 54.96]

Specificity: 95.04 [95.02 - 95.05]

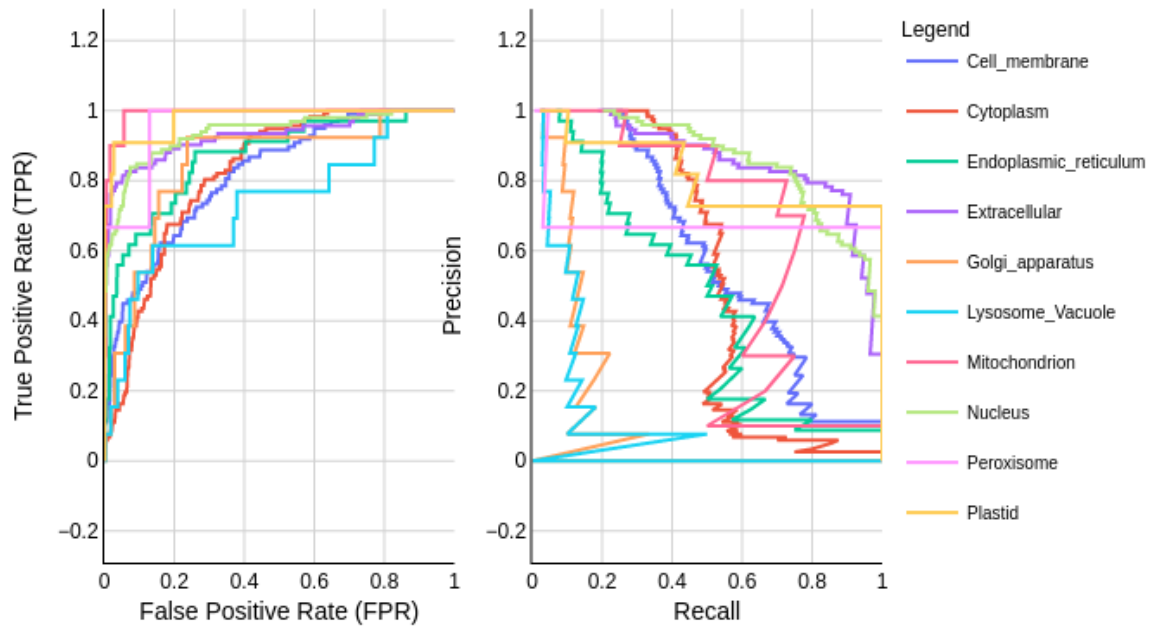
F1-Score: 52.54 [52.33 - 52.75]

Figures & Visualizations

Confusion Matrix (LightAttentionFastKAN)



MultiFigure: ROCCurve | PRCurve



Prediction Confidence Distribution (LightAttentionFastKAN)

