

Training Report:

LightAttentionFastKAN

c4cd8511-823d-4829-984c-2a8641f543c1

Best Epoch Performance Metrics

Summary of Metrics:

- Samples: 1678
- Loss: 0.734
- Accuracy: 81.003%
- Precision (PPV): 82.881%
- Recall (Sensitivity): 81.003%
- Specificity (TNR): 99.347%
- F1-Score: 80.844%
- ROC AUC: 95.624%
- PR AUC: 76.417%
- Performance: 83.533%
- Weighted: True

Model Configuration

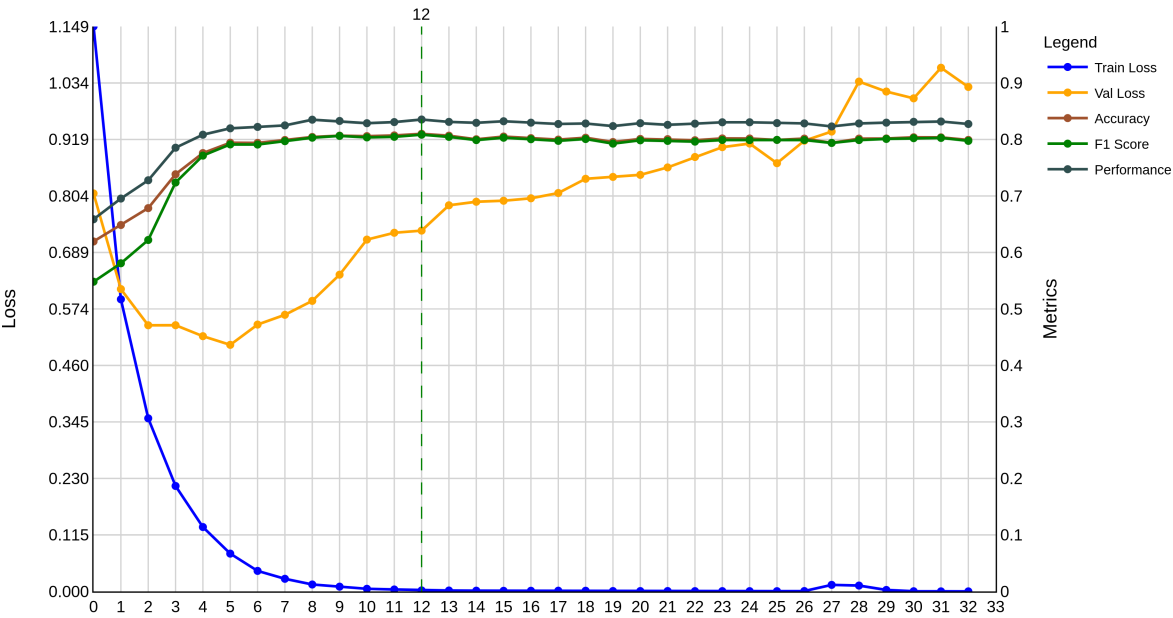
- in_channels: 1024
- in_seq_len: 1023
- out_channels: 10
- kernel_size: 9
- conv_dropout_rate: 0.25
- hidden_layers: HiddenLayers(kind=Type.EXACT, value=[32])
- grid_diff: 1.0
- num_grids: 8

Memory Size:

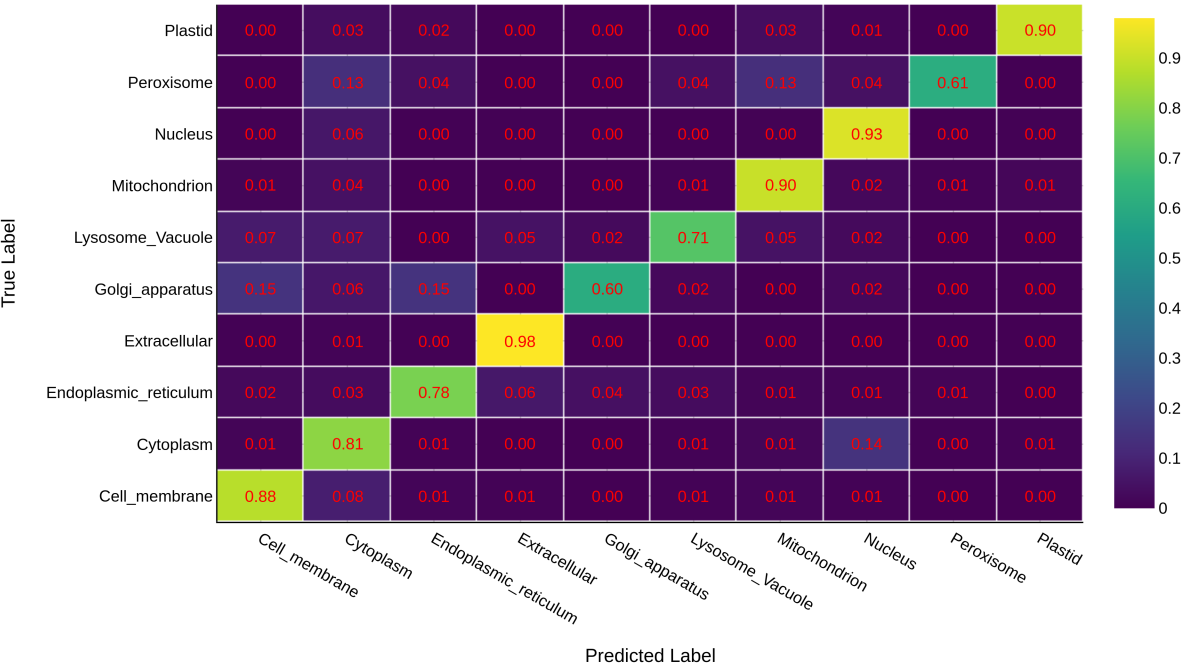
73.782 MB

Figures & Visualizations

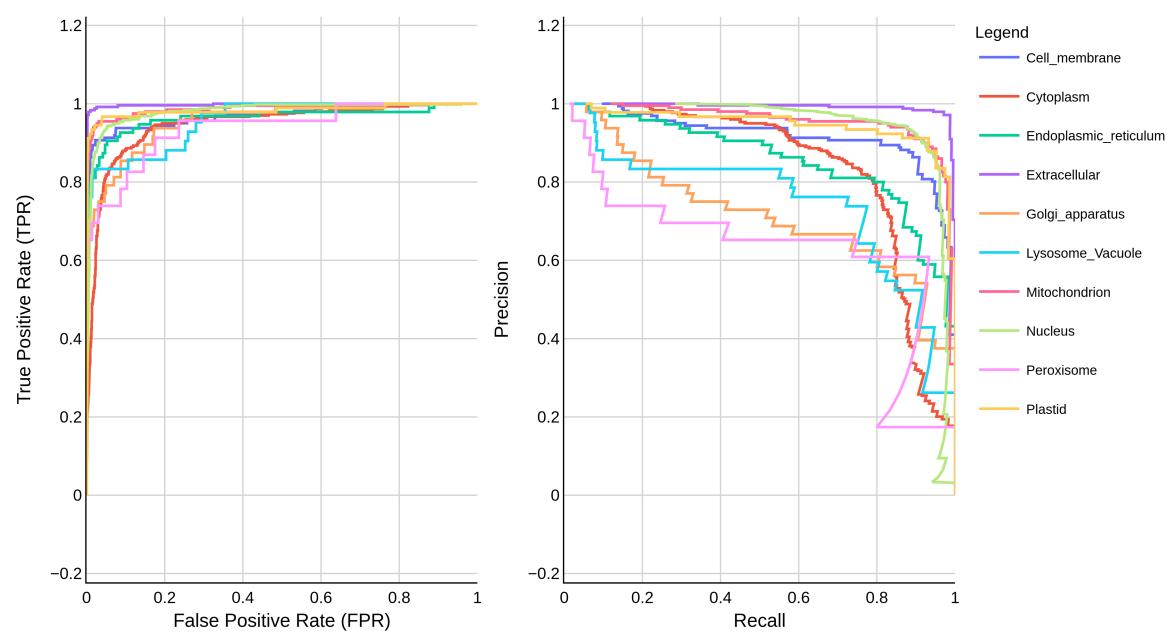
TrainingLoss & TrainingPerformance (epoch: 32) | LightAttentionFastKAN



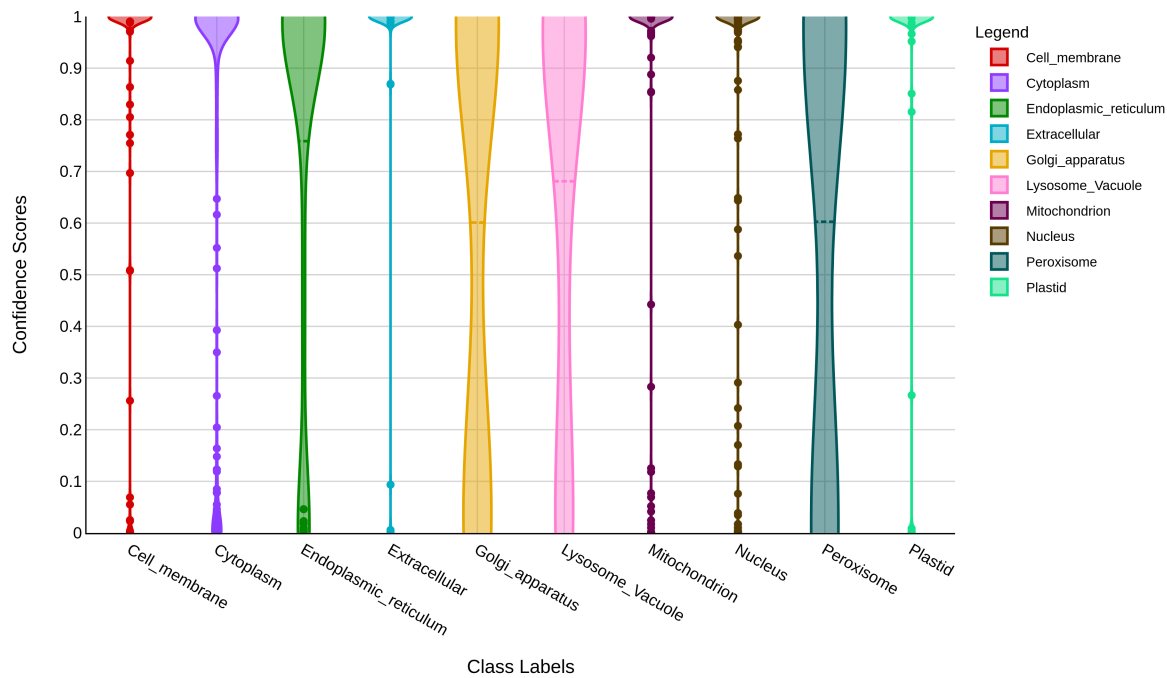
Confusion Matrix (LightAttentionFastKAN)



MultiFigure: ROCCurve | PRCurve



Prediction Confidence Distribution (LightAttentionFastKAN)



Final Evaluation Report: LightAttentionFastKAN

(c4cd8511-823d-4829-984c-2a8641f543c1)

Test Set Performance

Summary of Metrics:

- Samples: 490

- Loss: 2.328

- Accuracy: 64.898%

- Precision (PPV): 62.802%

- Recall (Sensitivity): 57.513%

- Specificity (TNR): 95.672%

- F1-Score: 58.136%

- ROC AUC: 87.802%

- PR AUC: 61.349%

- Performance: 66.923%

- Weighted: False

Test Set Performance (Sampled Statistics)

MetricsSampled Summary:

mean metric 95% confidence interval

Accuracy: 65.01 [64.91 - 65.12]

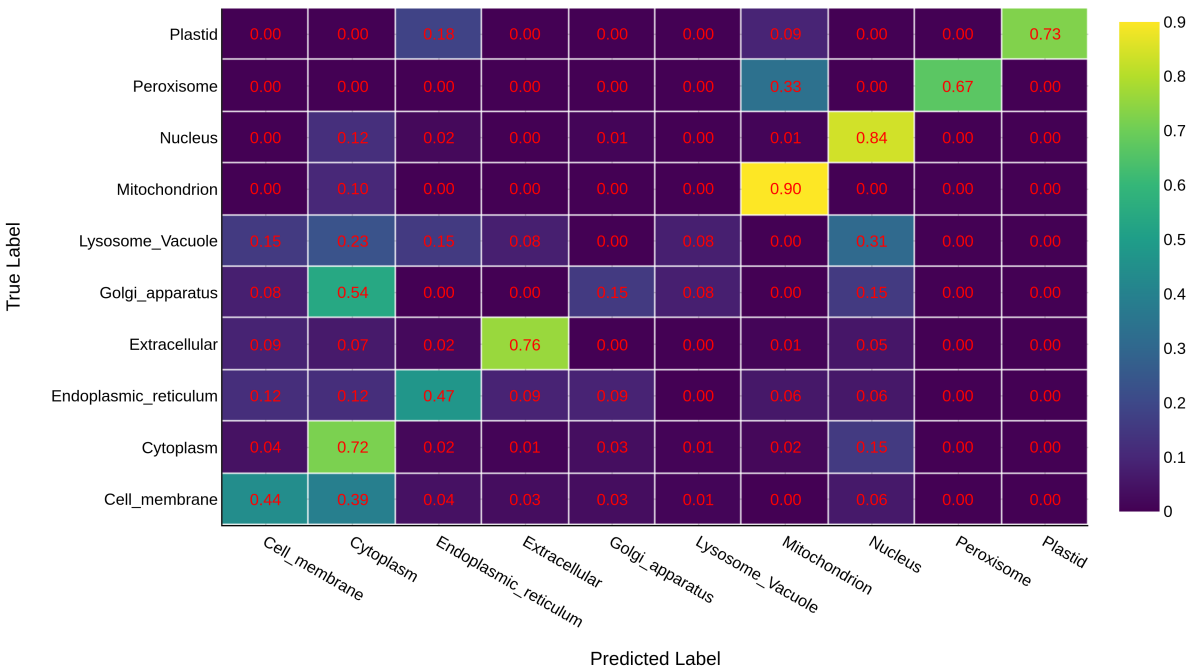
Sensitivity: 57.18 [56.97 - 57.40]

Specificity: 95.69 [95.67 - 95.70]

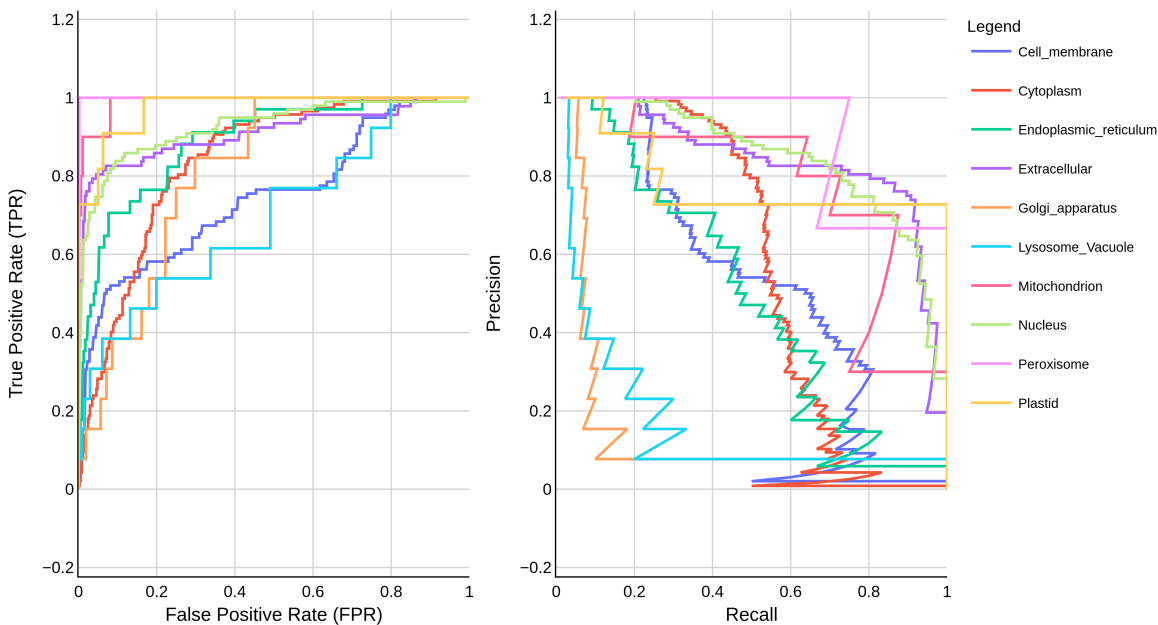
F1-Score: 56.75 [56.53 - 56.97]

Figures & Visualizations

Confusion Matrix (LightAttentionFastKAN)



MultiFigure: ROCCurve | PRCurve



Prediction Confidence Distribution (LightAttentionFastKAN)

