

Training Report:

LightAttentionFastKAN

05c4b1a3-31c8-4aab-8a8d-3ef344a8fdce

Best Epoch Performance Metrics

```
Summary of Metrics:  
- Samples: 1678  
- Loss: 0.664  
- Accuracy: 81.226%  
- Precision (PPV): 82.828%  
- Recall (Sensitivity): 81.226%  
- Specificity (TNR): 99.287%  
- F1-Score: 81.119%  
- ROC AUC: 94.831%  
- PR AUC: 78.038%  
- Performance: 83.881%  
- 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: 2.0  
- num_grids: 8
```

Memory Size:

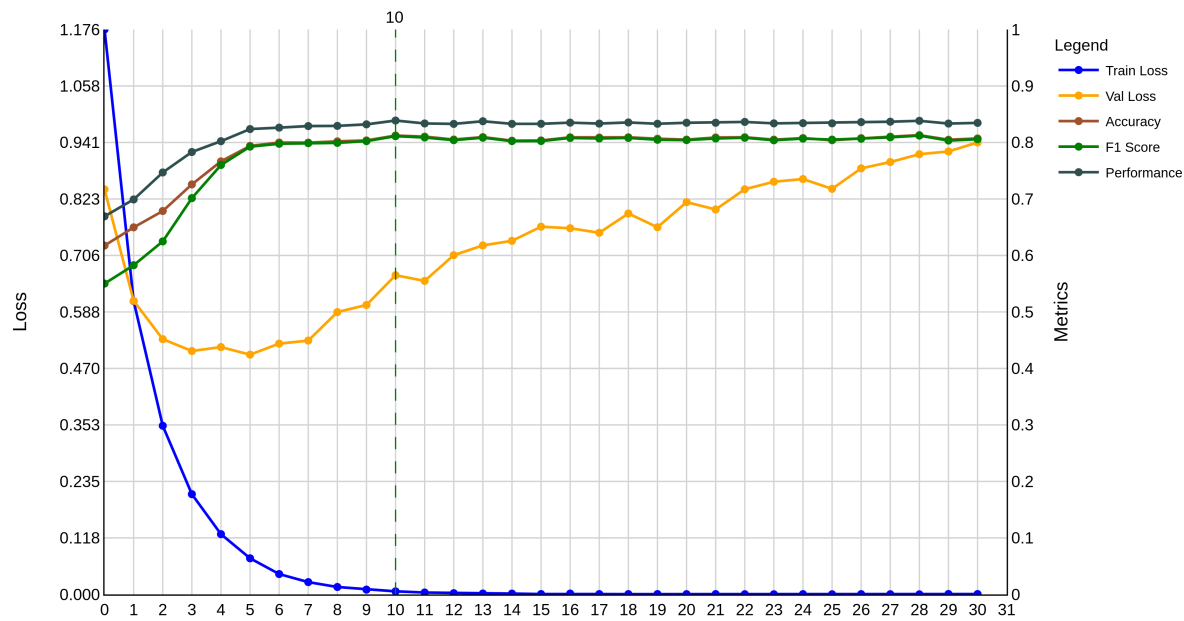
73.782 MB

Best Epoch

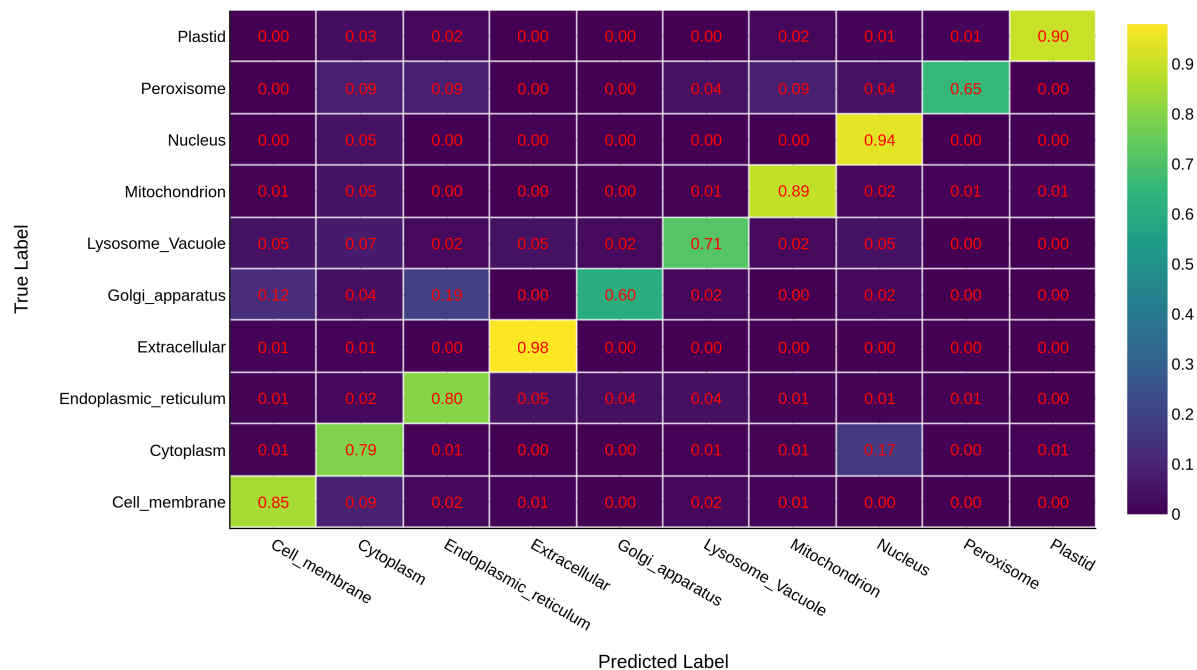
10

Figures & Visualizations

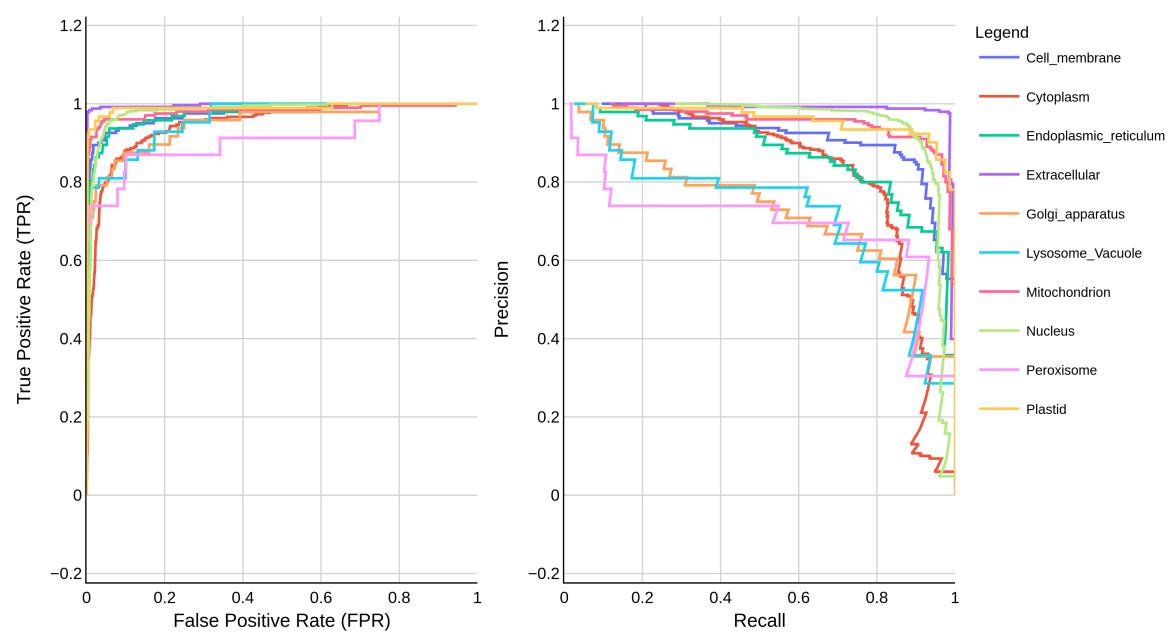
TrainingLoss & TrainingPerformance (epoch: 30) | LightAttentionFastKAN



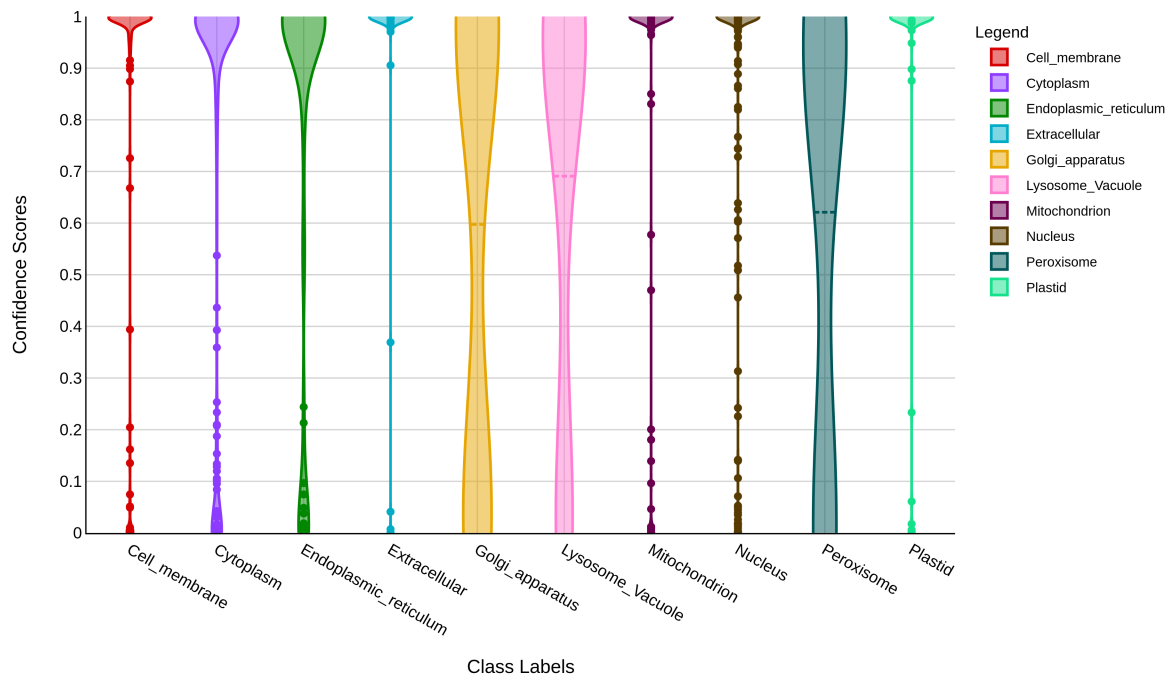
Confusion Matrix (LightAttentionFastKAN)



MultiFigure: ROCCurve | PRCurve



Prediction Confidence Distribution (LightAttentionFastKAN)



Final Evaluation Report: LightAttentionFastKAN

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Test Set Performance

Summary of Metrics:

- Samples: 490
- Loss: 2.126
- Accuracy: 63.878%
- Precision (PPV): 64.722%
- Recall (Sensitivity): 57.375%
- Specificity (TNR): 95.537%
- F1-Score: 59.089%
- ROC AUC: 88.390%
- PR AUC: 60.533%
- Performance: 67.016%
- Weighted: False

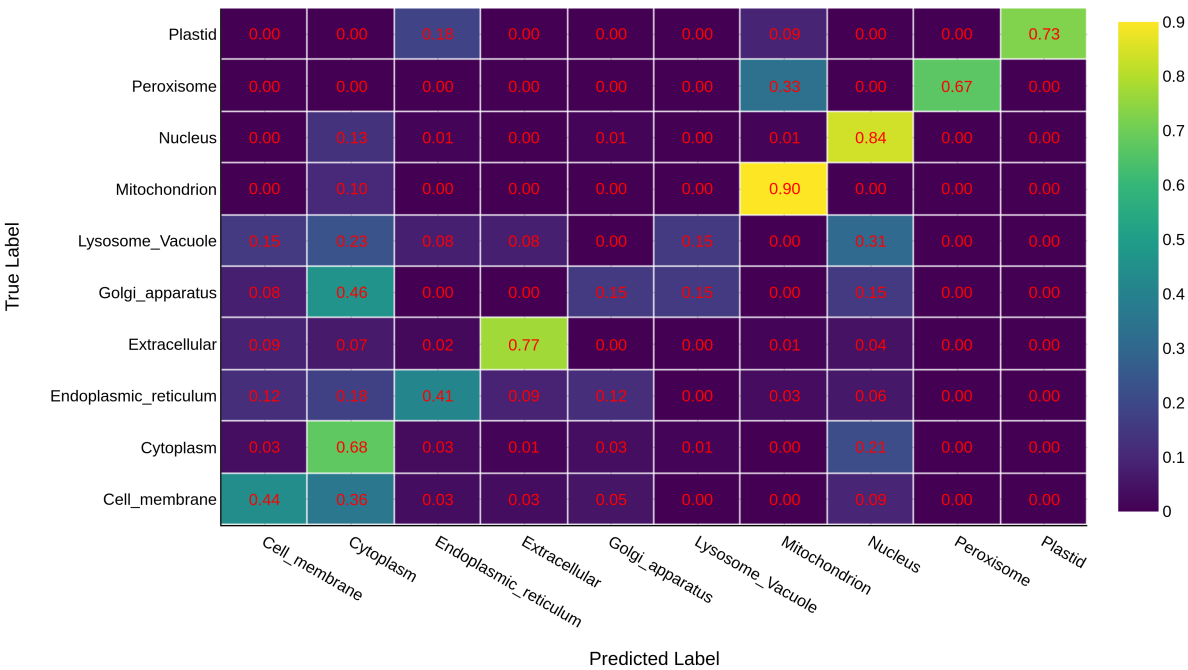
Test Set Performance (Sampled Statistics)

MetricsSampled Summary:

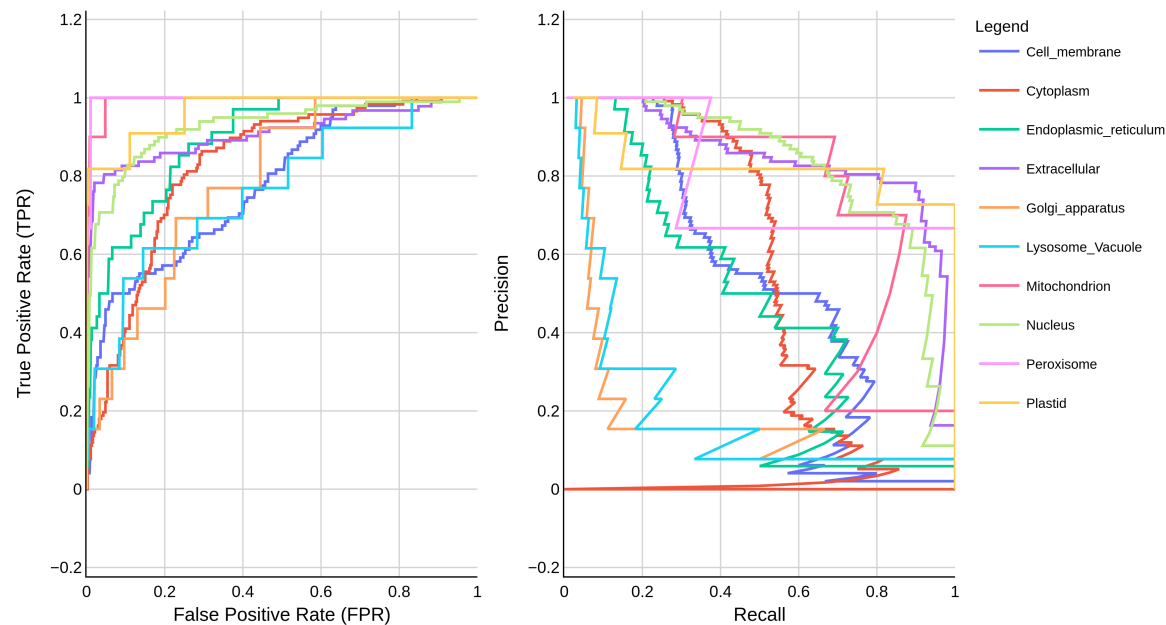
	mean	metric	95% confidence interval
Accuracy:	63.97	[63.86 - 64.08]	
Sensitivity:	57.01	[56.79 - 57.24]	
Specificity:	95.55	[95.53 - 95.56]	
F1-Score:	57.68	[57.45 - 57.91]	

Figures & Visualizations

Confusion Matrix (LightAttentionFastKAN)



MultiFigure: ROCCurve | PRCurve



Prediction Confidence Distribution (LightAttentionFastKAN)

