

Training Report:

UNetFastKAN

c09fe1d7-af3c-4fbb-8f2c-02c1ff4f6330

Best Epoch Performance Metrics

```
Summary of Metrics:  
- Samples: 1678  
- Loss: 1.299  
- Accuracy: 79.182%  
- Precision (PPV): 80.511%  
- Recall (Sensitivity): 79.182%  
- Specificity (TNR): 99.099%  
- F1-Score: 78.991%  
- ROC AUC: 92.743%  
- PR AUC: 71.336%  
- Performance: 81.089%  
- Weighted: True
```

Model Configuration

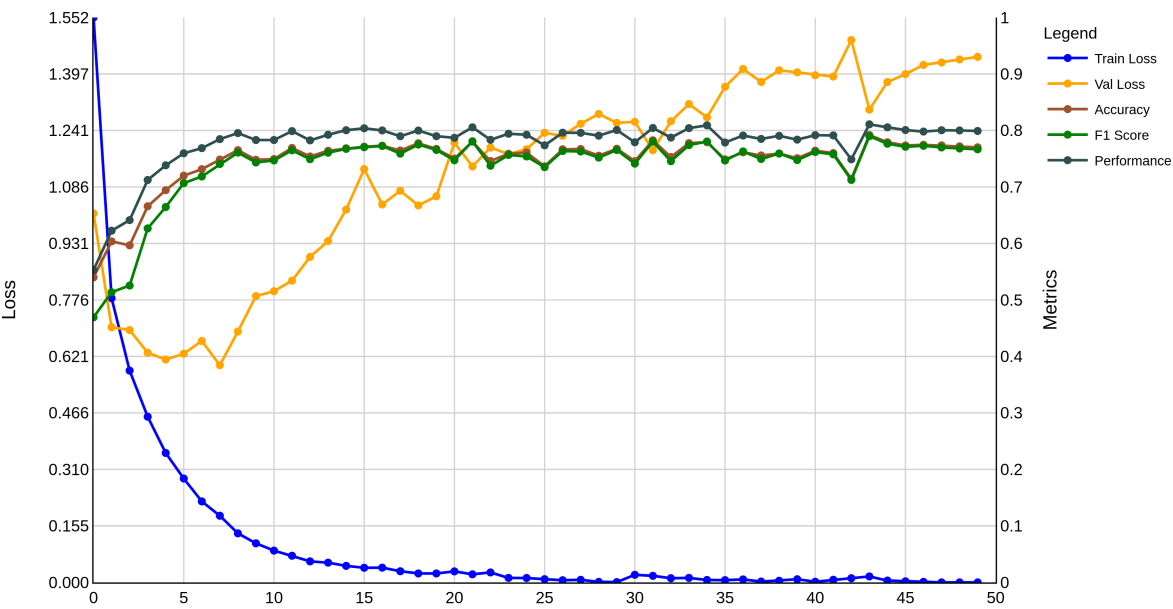
```
- in_channels: 1024  
- in_seq_len: 1023  
- out_channels: 10  
- reduced_seq_len: 10  
- reduced_channels: 960  
- hidden_layers: HiddenLayers(kind=Type.RELATIVE, value=(0.16, 3))  
- kernel_size: 3  
- grid_diff: 1.5  
- num_grids: 7
```

Memory Size:

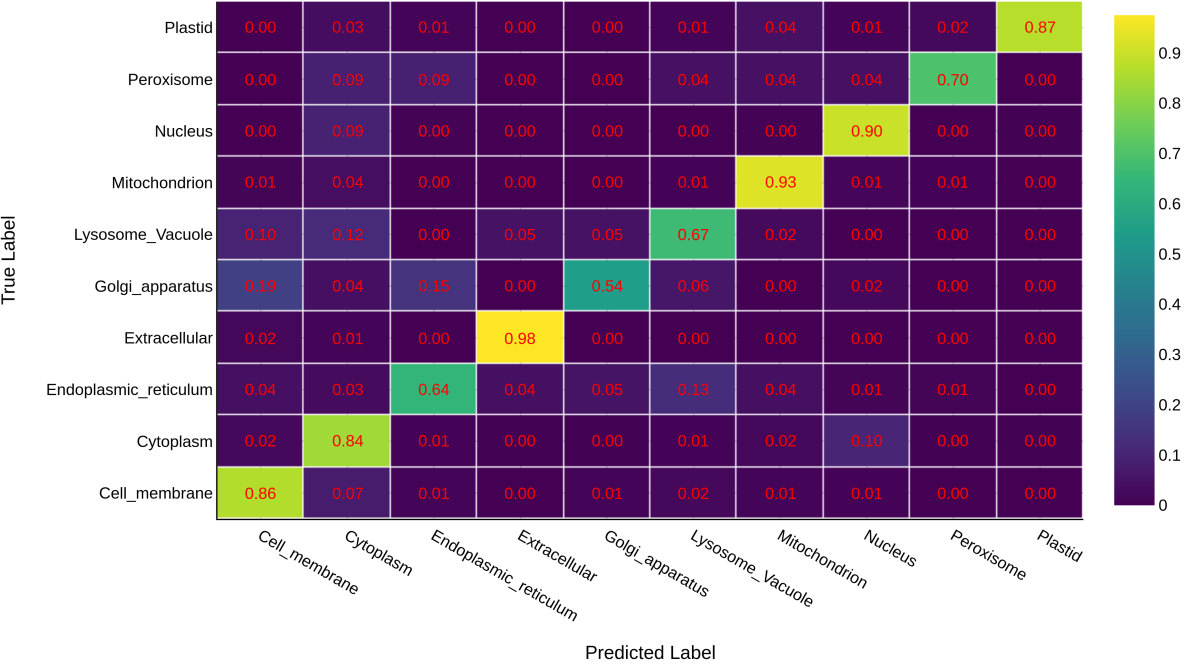
490.675 MB

Figures & Visualizations

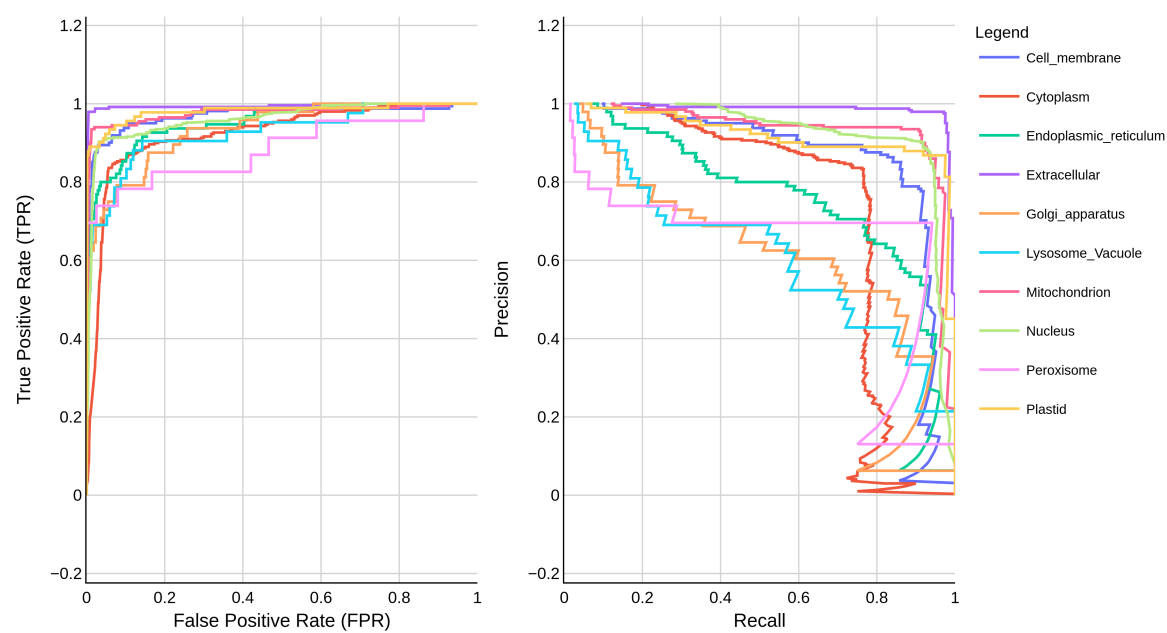
TrainingLoss & TrainingPerformance (epoch: 49) | UNetFastKAN



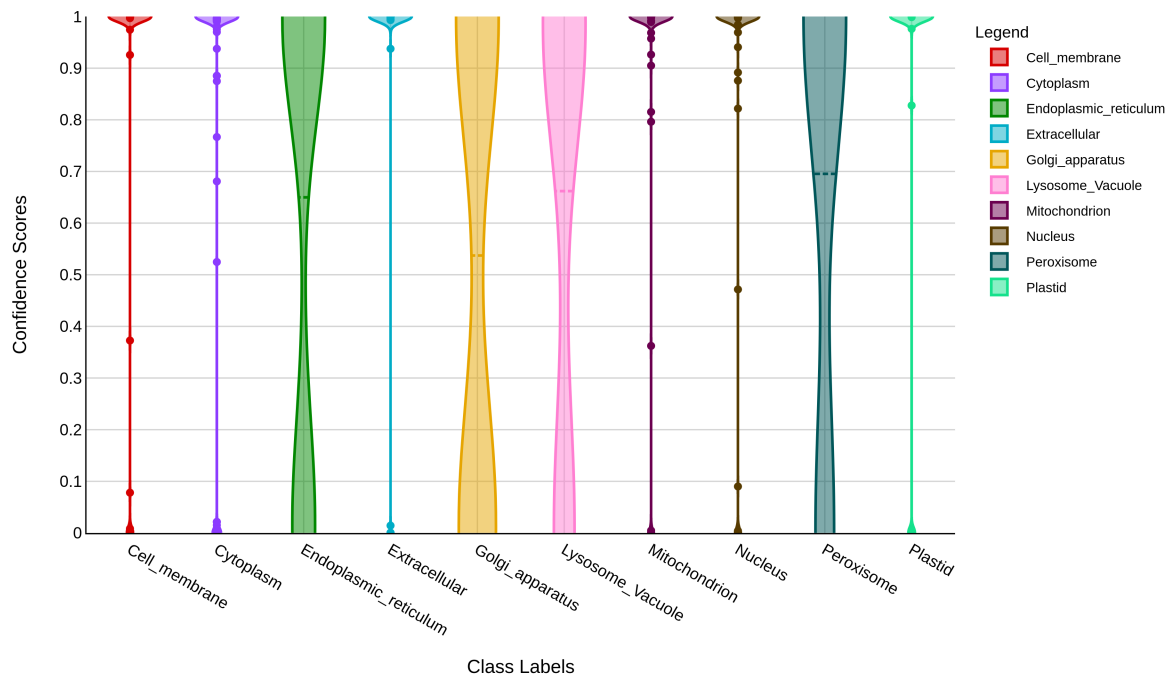
Confusion Matrix (UNetFastKAN)



MultiFigure: ROCCurve | PRCurve



Prediction Confidence Distribution (UNetFastKAN)



Final Evaluation Report: UNetFastKAN (c09fe1d7-af3c-4fbb-8f2c-02c1ff4f6330)

Test Set Performance

Summary of Metrics:

- Samples: 490
- Loss: 3.573
- Accuracy: 62.653%
- Precision (PPV): 55.845%
- Recall (Sensitivity): 56.473%
- Specificity (TNR): 95.408%
- F1-Score: 54.549%
- ROC AUC: 85.888%
- PR AUC: 56.357%
- Performance: 63.741%
- Weighted: False

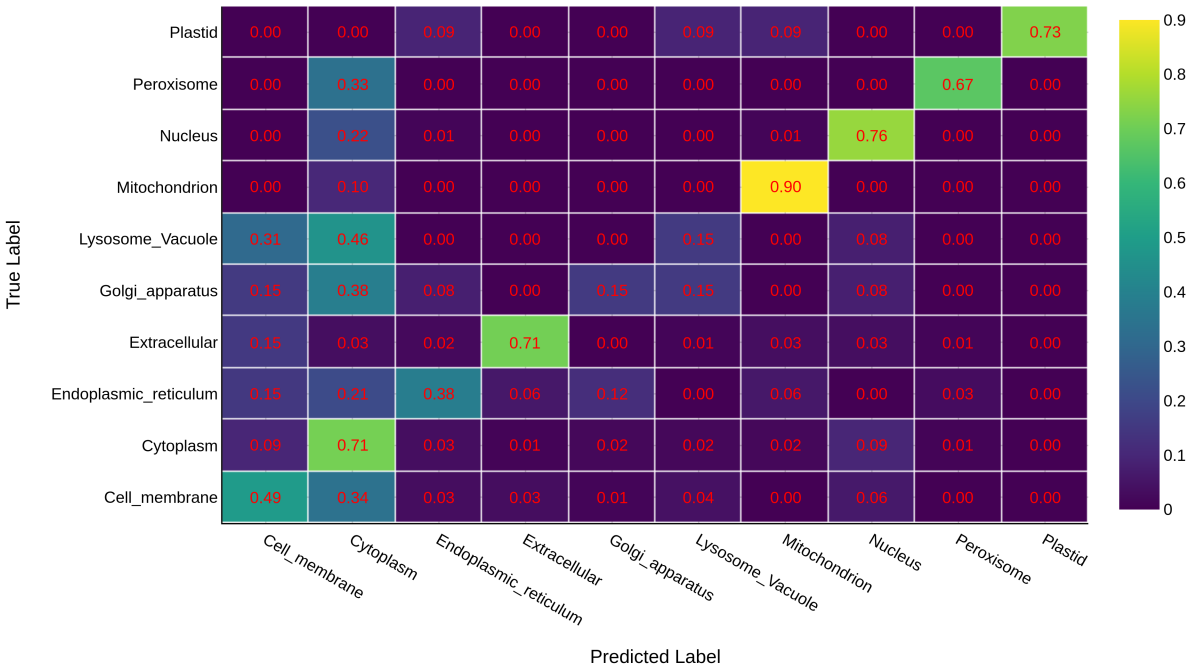
Test Set Performance (Sampled Statistics)

MetricsSampled Summary:

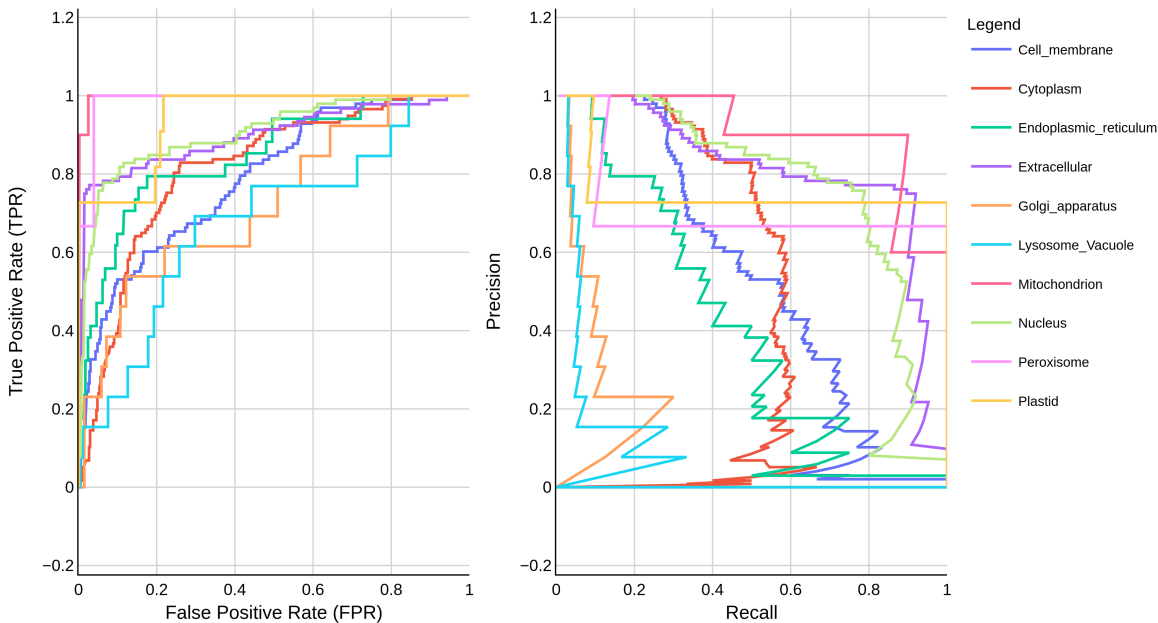
	mean	metric	95% confidence interval
Accuracy:	62.74	[62.65 - 62.84]	
Sensitivity:	56.14	[55.92 - 56.36]	
Specificity:	95.42	[95.41 - 95.43]	
F1-Score:	53.63	[53.45 - 53.81]	

Figures & Visualizations

Confusion Matrix (UNetFastKAN)



MultiFigure: ROCCurve | PRCurve



Prediction Confidence Distribution (UNetFastKAN)

