```
Train Dataloader - 176
Test Dataloader - 45
Device Used - cuda
Model Used - CNN_3D
Key Frame Extraction - True
Key Frame Extraction Algorithm - BG_Subtraction
Feature Extraction - False
Data Augmentation - False
Spatial Temporal Loss - False
Frame rate adjusted dataset - False
Window Length = 8
Stride = 1
Fair Comparison = True
Dropout = 0.25
Learning Rate = 0.0002
Num Epochs = 20
Chunk Size = 64
Forward Chunk Size = 8
Loss Fn = BCELoss()
Training has Begun
epoch [1/20], loss:0.6734
epoch [2/20], loss:0.6922
epoch [3/20], loss:0.2441
epoch [4/20], loss:0.1849
epoch [5/20], loss:0.1741
epoch [6/20], loss:0.1738
epoch [7/20], loss:0.1734
epoch [8/20], loss:0.1736
epoch [9/20], loss:0.1734
epoch [10/20], loss:0.1739
epoch [11/20], loss:0.1733
epoch [12/20], loss:0.1733
epoch [13/20], loss:0.1733
epoch [14/20], loss:0.1734
epoch [15/20], loss:0.1733
epoch [16/20], loss:0.1735
epoch [17/20], loss:0.1733
epoch [18/20], loss:0.1733
epoch [19/20], loss:0.1733
epoch [20/20], loss:0.1733
Training has Completed
Forward pass occuring
Forward pass completed
ONI IR T 2024-04-28-17-35-31
STD Global Classification Results
TPR 0.971, FPR 0.003, Precision 0.980, Recall 0.971
```

tn 6701, fp 23, fn 34, tp 1128
std_AUROC 0.985
-----Mean Global Classification Results
TDR 0.034 FDR 0.010 Presision 0.044 Recall 0.000

TPR 0.934, FPR 0.010, Precision 0.944, Recall 0.934 tn 6660, fp 64, fn 77, tp 1085 mean_AUROC 0.966

mean_Aonoe 0.900

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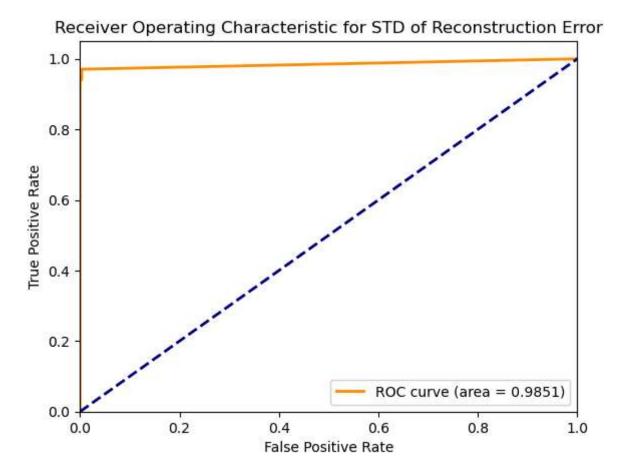
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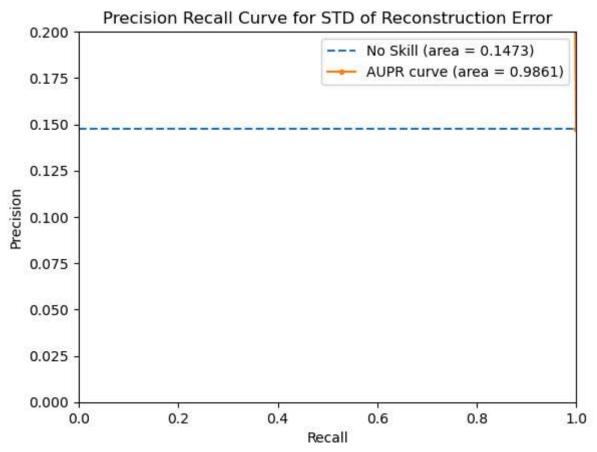
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  warnings.warn(
c:\Users\sivas\anaconda3\envs\fyp base paper 2\lib\site-packages\sklearn\metrics\ ranking.py:
1132: UndefinedMetricWarning: No positive samples in y_true, true positive value should be me
aningless
  warnings.warn(
```

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c:\Users\sivas\anaconda3\envs\fyp_base_paper_2\lib\site-packages\sklearn\metrics\_ranking.py:
979: UserWarning: No positive class found in y_true, recall is set to one for all thresholds.
  warnings.warn(
c:\Users\sivas\anaconda3\envs\fyp_base_paper_2\lib\site-packages\sklearn\metrics\_ranking.py:
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  warnings.warn(
c:\Users\sivas\Desktop\Fall-Detection\FYP-Human-Fall-Detection\Code\functions.py:302: Runtime
Warning: Mean of empty slice
  final_performance_mean = np.nanmean(video_metrics, axis=0) # get the mean performance acro
ss all videos
c:\Users\sivas\anaconda3\envs\fyp_base_paper_2\lib\site-packages\numpy\lib\nanfunctions.py:18
72: RuntimeWarning: Degrees of freedom <= 0 for slice.
  var = nanvar(a, axis=axis, dtype=dtype, out=out, ddof=ddof,
```

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