```
Modality 1 - Thermal
Non Falls - 48, Falls - 173

Modality 2 - ONI_IR
Non Falls - 48, Falls - 173

Train Dataloader - 48
Test Dataloader - 173

Device Used - cuda

Model Used - EarlyAddition_3DCAE
Key Frame Extraction - False
Feature Extraction - False
Data Augmentation - False
Spatial Temporal Loss - False

Frame rate adjusted dataset - True
Synchronise Video - False
Video length adjustment method - Pad Minimum

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 = MSELoss()

Training has Begun
epoch [1/20], loss:0.0020
epoch [2/20], loss:0.0014
epoch [3/20], loss:0.0011
epoch [4/20], loss:0.0011
epoch [5/20], loss:0.0010
epoch [6/20], loss:0.0010
epoch [7/20], loss:0.0009
epoch [8/20], loss:0.0008
epoch [9/20], loss:0.0008
epoch [10/20], loss:0.0008
epoch [11/20], loss:0.0007
epoch [12/20], loss:0.0007
epoch [13/20], loss:0.0007
epoch [14/20], loss:0.0007
epoch [15/20], loss:0.0007
epoch [16/20], loss:0.0007
epoch [17/20], loss:0.0007
epoch [18/20], loss:0.0007
epoch [19/20], loss:0.0007
epoch [20/20], loss:0.0007
Training has Completed

Forward pass occuring
Forward pass completed

MultiModal_Thermal_T3_ONI_IR_T_2024-04-24-04-35-45
```

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STD Global Classification Results
TPR 0.814, FPR 0.439, Precision 0.016, Recall 0.814
tn 148590, fp 116214, fn 442, tp 1932
std_AUROC  0.729
----------------------------------
----------------------------------
Mean Global Classification Results
TPR 0.687, FPR 0.228, Precision 0.026, Recall 0.687
tn 204321, fp 60483, fn 742, tp 1632
mean_AUROC 0.811
----------------------------------
```

()

Receiver Operating Characteristic for STD of Reconstruction Error

ROC curve (area = 0.7295)

Precision Recall Curve for STD of Reconstruction Error

- - - No Skill (area = 0.0089)
—— AUPR curve (area = 0.0227)

Receiver Operating Characteristic for Mean of Reconstruction Error

—— ROC curve (area = 0.8109)

Precision Recall Curve for Mean of Reconstruction Error