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

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

Train Dataloader - 48
Test Dataloader - 173

Device Used - cuda

Model Used - EarlyAddition_3DCAE
Key Frame Extraction - False
Feature Extraction - True
Background Subtraction - True
Background Subtraction Algorithm - GMG
Data Augmentation - False
Spatial Temporal Loss - False

Frame rate adjusted dataset - True
Synchronise Video - True
Video length adjustment method - Not Applicable

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:0.0003
epoch [2/20], loss:0.0001
epoch [3/20], loss:0.0000
epoch [4/20], loss:0.0001
epoch [5/20], loss:0.0001
epoch [6/20], loss:0.0001
epoch [7/20], loss:0.0000
epoch [8/20], loss:0.0000
epoch [9/20], loss:0.0000
epoch [10/20], loss:0.0000
epoch [11/20], loss:0.0000
epoch [12/20], loss:0.0000
epoch [13/20], loss:0.0000
epoch [14/20], loss:0.0000
epoch [15/20], loss:0.0000
epoch [16/20], loss:0.0000
epoch [17/20], loss:0.0000
epoch [18/20], loss:0.0000
epoch [19/20], loss:0.0000
epoch [20/20], loss:0.0000
Training has Completed

Forward pass occuring
Forward pass completed
```

MultiModal_Thermal_T3_IP_T_2024-04-24-03-06-33

```
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STD Global Classification Results
TPR 0.868, FPR 0.168, Precision 0.056, Recall 0.868
tn 106085, fp 21442, fn 193, tp 1265
std_AUROC  0.924
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-----------------------------------
Mean Global Classification Results
TPR 0.938, FPR 0.291, Precision 0.036, Recall 0.938
tn 90426, fp 37101, fn 90, tp 1368
mean_AUROC 0.888
-----------------------------------
```

()

Receiver Operating Characteristic for STD of Reconstruction Error

ROC curve (area = 0.9242)

Precision Recall Curve for STD of Reconstruction Error

- - - No Skill (area = 0.0113)
—— AUPR curve (area = 0.1294)

Receiver Operating Characteristic for Mean of Reconstruction Error

—— ROC curve (area = 0.8875)

Precision Recall Curve for Mean of Reconstruction Error