

Train Dataloader - 176

Test Dataloader - 45

Device Used - cuda

Model Used - CNN_3D

Key Frame Extraction - True

Key Frame Extraction Algorithm - Optical_Flow

Feature Extraction - True

Background Subtraction - True

Background Subtraction Algorithm - GMG

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:0.6931

epoch [2/20], loss:0.6931

epoch [3/20], loss:0.6931

epoch [4/20], loss:0.6931

epoch [5/20], loss:0.6931

epoch [6/20], loss:0.6931

epoch [7/20], loss:0.6931

epoch [8/20], loss:0.6931

epoch [9/20], loss:0.6931

epoch [10/20], loss:0.6931

epoch [11/20], loss:0.6931

epoch [12/20], loss:0.6931

epoch [13/20], loss:0.6931

epoch [14/20], loss:0.6931

epoch [15/20], loss:0.6931

epoch [16/20], loss:0.6931

epoch [17/20], loss:0.6931

epoch [18/20], loss:0.6931

epoch [19/20], loss:0.6931

epoch [20/20], loss:0.6931

Training has Completed

Forward pass occurring

Forward pass completed

ONI_IR_T_2024-04-29-07-43-38

```
c:\Users\sivas\Desktop\Fall-Detection\FYP-Human-Fall-Detection\Code\functions.py:478: Runtime  
Warning: invalid value encountered in scalar divide
```

```
std_Precision = std_tp / (std_tp + std_fp)
```

```
-----  
STD Global Classification Results
```

```
TPR 0.000, FPR 0.000, Precision nan, Recall 0.000
```

```
tn 23575, fp 0, fn 1162, tp 0
```

```
std_AUROC 0.500  
-----
```

```
c:\Users\sivas\Desktop\Fall-Detection\FYP-Human-Fall-Detection\Code\functions.py:513: Runtime
Warning: invalid value encountered in scalar divide
    Precision = tp / (tp + fp)
c:\Users\sivas\anaconda3\envs\fyp_base_paper_2\lib\site-packages\sklearn\metrics\_ranking.py:
1123: UndefinedMetricWarning: No negative samples in y_true, false positive value should be m
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[illegible]

[illegible]


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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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-----
Mean Global Classification Results
TPR 0.000, FPR 0.000, Precision nan, Recall 0.000
tn 23575, fp 0, fn 1162, tp 0
mean_AUROC 0.500
-----

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