

Train Dataloader - 48

Test Dataloader - 173

Device Used - cuda

Model Used - Base_3DCAE

Key Frame Extraction - True

Key Frame Extraction Algorithm - Optical_Flow

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 = L1Loss()

Training has Begun

epoch [1/20], loss:0.0424

epoch [2/20], loss:0.0385

epoch [3/20], loss:0.0353

epoch [4/20], loss:0.0333

epoch [5/20], loss:0.0316

epoch [6/20], loss:0.0306

epoch [7/20], loss:0.0295

epoch [8/20], loss:0.0287

epoch [9/20], loss:0.0279

epoch [10/20], loss:0.0269

epoch [11/20], loss:0.0260

epoch [12/20], loss:0.0253

epoch [13/20], loss:0.0244

epoch [14/20], loss:0.0237

epoch [15/20], loss:0.0230

epoch [16/20], loss:0.0224

epoch [17/20], loss:0.0220

epoch [18/20], loss:0.0215

epoch [19/20], loss:0.0210

epoch [20/20], loss:0.0206

Training has Completed

Forward pass occuring

Forward pass completed

Thermal_T3_2024-04-05-23-02-34

STD Global Classification Results

TPR 0.600, FPR 0.344, Precision 0.059, Recall 0.600

tn 16219, fp 8521, fn 354, tp 530

std_AUROC 0.662

Mean Global Classification Results
TPR 0.800, FPR 0.537, Precision 0.051, Recall 0.800
tn 11466, fp 13274, fn 177, tp 707
mean_AUROC 0.669

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c:\Users\abdul\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 meaningless  
  warnings.warn(  
c:\Users\abdul\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 thres  
holds.  
  warnings.warn(  
c:\Users\abdul\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  
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py:979: UserWarning: No positive class found in y_true, recall is set to one for all thres  
holds.  
  warnings.warn(  
d:\Abdul Rasheed NITT\Academics\Eighth Semester\FYP\Implementation\FallDetection\Code\funct  
ions.py:250: RuntimeWarning: Mean of empty slice  
  final_performance_mean = np.nanmean(video_metrics, axis=0) # get the mean performance a  
cross all videos  
c:\Users\abdul\anaconda3\envs\fyp_base_paper_2\lib\site-packages\numpy\lib\nanfunctions.p  
y:1670: RuntimeWarning: Degrees of freedom <= 0 for slice.  
  var = nanvar(a, axis=axis, dtype=dtype, out=out, ddof=ddof,
```





