

Train Dataloader - 58  
Test Dataloader - 182

Device Used - cuda

Model Used - Base\_3DCAE  
Window Length = 8  
Stride = 1  
Fair Comparison = True  
Dropout = 0.25  
Learning Rate = 0.0002  
Num Epochs = 20  
Chunk Size = 64  
Forward Chunk = 8  
Forward Chunk Size = 8  
Loss Fn = MSELoss()

Training has Begun

epoch [1/20], loss:0.0002  
epoch [2/20], loss:0.0002  
epoch [3/20], loss:0.0002  
epoch [4/20], loss:0.0001  
epoch [5/20], loss:0.0001  
epoch [6/20], loss:0.0001  
epoch [7/20], loss:0.0001  
epoch [8/20], loss:0.0001  
epoch [9/20], loss:0.0001  
epoch [10/20], loss:0.0001  
epoch [11/20], loss:0.0001  
epoch [12/20], loss:0.0001  
epoch [13/20], loss:0.0001  
epoch [14/20], loss:0.0001  
epoch [15/20], loss:0.0001  
epoch [16/20], loss:0.0001  
epoch [17/20], loss:0.0001  
epoch [18/20], loss:0.0001  
epoch [19/20], loss:0.0001

c:\Users\abdul\anaconda3\envs\fyp\_base\_paper\_2\lib\site-packages\numpy\lib\npyio.py:528: VisibleDeprecationWarning: Creating an ndarray from ragged nested sequences (which is a list-or-tuple of lists-or-tuples-or ndarrays with different lengths or shapes) is deprecated. If you meant to do this, you must specify 'dtype=object' when creating the ndarray.  
arr = np.asanyarray(arr)

epoch [20/20], loss:0.0001  
Training has Completed

Forward pass occurring  
Forward pass completed

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STD Global Classification Results  
TPR 0.878, FPR 0.279, Precision 0.029, Recall 0.878  
tn 499837, fp 193762, fn 806, tp 5795  
std\_AUROC 0.861  
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Mean Global Classification Results  
TPR 0.861, FPR 0.238, Precision 0.033, Recall 0.861  
tn 528541, fp 165058, fn 918, tp 5683  
mean\_AUROC 0.880  
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d:\Abdul Rasheed NITT\Academics\Eigth Semester\FYP\Base Paper\Implementation\FallDetection  
\Code\functions.py:224: RuntimeWarning: Mean of empty slice  
final\_performance\_mean = np.nanmean(video\_metrics, axis=0) # get the mean performance ac  
ross 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,





