Train Dataloader - 48 Test Dataloader - 173 Device Used - cuda Model Used - Base_3DCAE_2 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 - False Window Length = 8 Stride = 1Fair Comparison = True Dropout = 0.25 Learning Rate = 0.0002 Num Epochs = 20Chunk Size = 64Forward Chunk Size = 8 Loss Fn = L1Loss()Training has Begun epoch [1/20], loss:0.0001 epoch [2/20], loss:0.0001 epoch [3/20], loss:0.0000 epoch [4/20], loss:0.0000 epoch [5/20], loss:0.0000 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 IP_T_2024-04-26-12-45-30 _____

STD Global Classification Results

single modality TPR 0.840, FPR 0.196, Precision 0.040, Recall 0.840 tn 369636, fp 90097, fn 705, tp 3710 std AUROC 0.853 d:\FYP-Human-Fall-Detection\Code\functions.py:461: RuntimeWarning: invalid va lue encountered in longlong scalars Precision = tp / (tp + fp)c:\Users\sindh\anaconda3\envs\fyp_base_paper_2\lib\site-packages\sklearn\metr ics\ ranking.py:1132: UndefinedMetricWarning: No positive samples in y true, true positive value should be meaningless warnings.warn(c:\Users\sindh\anaconda3\envs\fyp base paper 2\lib\site-packages\sklearn\metr ics\ ranking.py:979: UserWarning: No positive class found in y true, recall i s set to one for all thresholds. warnings.warn(c:\Users\sindh\anaconda3\envs\fyp base paper 2\lib\site-packages\sklearn\metr ics\ ranking.py:1132: UndefinedMetricWarning: No positive samples in y true, true positive value should be meaningless warnings.warn(c:\Users\sindh\anaconda3\envs\fyp base paper 2\lib\site-packages\sklearn\metr ics_ranking.py:979: UserWarning: No positive class found in y_true, recall i s set to one for all thresholds. warnings.warn(Mean Global Classification Results TPR 0.000, FPR 0.000, Precision nan, Recall 0.000 tn 459733, fp 0, fn 4415, tp 0 mean AUROC 0.500 d:\FYP-Human-Fall-Detection\Code\functions.py:250: RuntimeWarning: Mean of em final_performance_mean = np.nanmean(video_metrics, axis=0) # get the mean

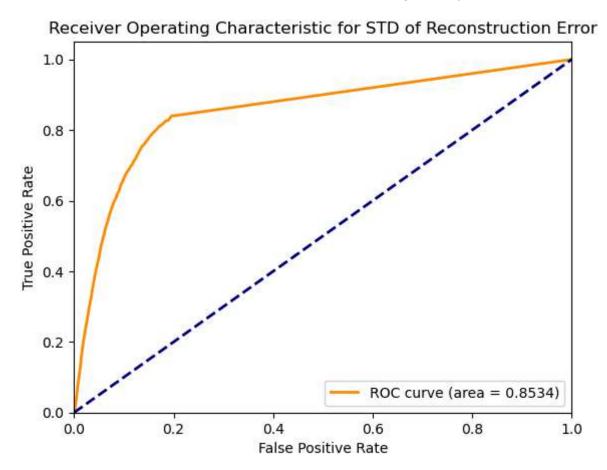
ptv slice

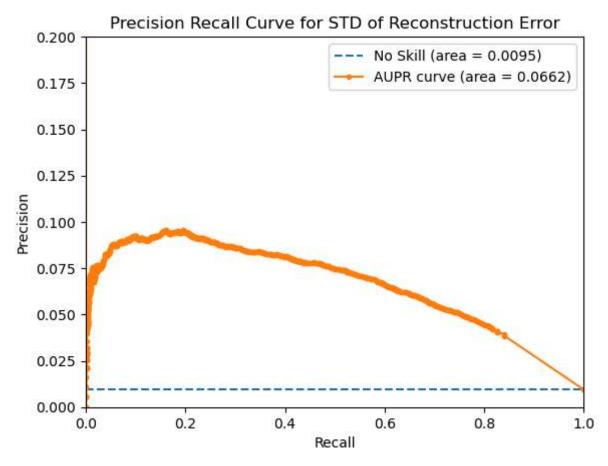
performance across all videos

c:\Users\sindh\anaconda3\envs\fyp_base_paper_2\lib\site-packages\numpy\lib\na nfunctions.py:1670: RuntimeWarning: Degrees of freedom <= 0 for slice.</pre>

var = nanvar(a, axis=axis, dtype=dtype, out=out, ddof=ddof,

4/26/24, 3:19 PM single_modality





4/26/24, 3:19 PM single_modality

