### ----STATIC TRAINING WITH 0 ANOMALIES, WITH ENHANCEMENTS

TP: 0.0 FP: 84.0 TN: 575.0 FN: 0.0 TPR: NaN

FPR: 0.1274658573596358

TP: 0.0 FP: 111.0 TN: 558.0 FN: 0.0 TPR: NaN

FPR: 0.16591928251121077

TP: 0.0 FP: 225.0 TN: 433.0 FN: 0.0 TPR: NaN

FPR: 0.34194528875379937

TP: 0.0 FP: 237.0 TN: 448.0 FN: 0.0 TPR: NaN

FPR: 0.345985401459854

TP: 0.0 FP: 212.0 TN: 468.0 FN: 0.0 TPR: NaN

FPR: 0.31176470588235294

### -----DYNAMIC TRAINING WITH 0 ANOMALIES, WITH ENHANCEMENTS

TP: 0.0 FP: 84.0 TN: 575.0 FN: 0.0 TPR: NaN

FPR: 0.1274658573596358

TP: 0.0 FP: 93.0 TN: 576.0 FN: 0.0 TPR: NaN

FPR: 0.13901345291479822

TP: 0.0 FP: 101.0 TN: 557.0 FN: 0.0 TPR: NaN

FPR: 0.1534954407294833

TP: 0.0 FP: 71.0 TN: 614.0 FN: 0.0 TPR: NaN

FPR: 0.10364963503649635

TP: 0.0 FP: 48.0 TN: 632.0 FN: 0.0 TPR: NaN

FPR: 0.07058823529411765

### ----STATIC TRAINING WITH 25 ANOMALIES, WITH ENHANCEMENTS

TP: 0.0 FP: 84.0 TN: 575.0 FN: 0.0 TPR: NaN

FPR: 0.1274658573596358

TP: 14.0 FP: 111.0 TN: 558.0 FN: 11.0 TPR: 0.56

FPR: 0.16591928251121077

TP: 8.0 FP: 225.0 TN: 433.0 FN: 17.0 TPR: 0.32

FPR: 0.34194528875379937

TP: 21.0 FP: 237.0 TN: 448.0 FN: 4.0 TPR: 0.84

FPR: 0.345985401459854

TP: 18.0 FP: 212.0 TN: 468.0 FN: 7.0 TPR: 0.72

FPR: 0.31176470588235294

# -----DYNAMIC TRAINING WITH 25 ANOMALIES, WITH ENHANCEMENTS

TP: 0.0 FP: 84.0 TN: 575.0 FN: 0.0 TPR: NaN

FPR: 0.1274658573596358

TP: 13.0 FP: 93.0 TN: 576.0 FN: 12.0 TPR: 0.52

FPR: 0.13901345291479822

TP: 7.0 FP: 109.0 TN: 549.0 FN: 18.0 TPR: 0.28

FPR: 0.1656534954407295

TP: 18.0 FP: 69.0 TN: 616.0 FN: 7.0 TPR: 0.72

FPR: 0.10072992700729927

TP: 11.0 FP: 50.0 TN: 630.0 FN: 14.0 TPR: 0.44

FPR: 0.07352941176470588

----STATIC TRAINING WITH 50 ANOMALIES, WITH ENHANCEMENTS

TP: 0.0 FP: 84.0 TN: 575.0 FN: 0.0 TPR: NaN

FPR: 0.1274658573596358

TP: 23.0 FP: 111.0 TN: 558.0 FN: 27.0 TPR: 0.46

FPR: 0.16591928251121077

TP: 18.0 FP: 225.0 TN: 433.0 FN: 32.0 TPR: 0.36

FPR: 0.34194528875379937

TP: 39.0 FP: 237.0 TN: 448.0 FN: 11.0 TPR: 0.78

FPR: 0.345985401459854

TP: 19.0 FP: 212.0 TN: 468.0 FN: 31.0 TPR: 0.38

FPR: 0.31176470588235294

### -----DYNAMIC TRAINING WITH 50 ANOMALIES, WITH ENHANCEMENTS

TP: 0.0 FP: 84.0 TN: 575.0 FN: 0.0 TPR: NaN

FPR: 0.1274658573596358

TP: 20.0 FP: 93.0 TN: 576.0 FN: 30.0 TPR: 0.4 FPR: 0.13901345291479822

TP: 17.0 FP: 109.0 TN: 549.0 FN: 33.0 TPR: 0.34

FPR: 0.1656534954407295

TP: 21.0 FP: 68.0 TN: 617.0 FN: 29.0 TPR: 0.42

FPR: 0.09927007299270073

TP: 10.0 FP: 55.0 TN: 625.0 FN: 40.0 TPR: 0.2

FPR: 0.08088235294117647

### ----STATIC TRAINING WITH 75 ANOMALIES, WITH ENHANCEMENTS

TP: 0.0 FP: 90.0 TN: 569.0 FN: 0.0 TPR: NaN

FPR: 0.13657056145675264

TP: 30.0 FP: 121.0 TN: 548.0 FN: 45.0 TPR: 0.4

FPR: 0.18086696562032886

TP: 24.0 FP: 227.0 TN: 431.0 FN: 51.0 TPR: 0.32

FPR: 0.34498480243161095

TP: 44.0 FP: 250.0 TN: 435.0 FN: 31.0 TPR: 0.586666666666667 FPR: 0.36496350364963503

TP: 30.0 FP: 220.0 TN: 460.0 FN: 45.0 TPR: 0.4

FPR: 0.3235294117647059

#### -----DYNAMIC TRAINING WITH 75 ANOMALIES, WITH ENHANCEMENTS

TP: 0.0 FP: 90.0 TN: 569.0 FN: 0.0 TPR: NaN

FPR: 0.13657056145675264

TP: 27.0 FP: 113.0 TN: 556.0 FN: 48.0 TPR: 0.36

FPR: 0.16890881913303438

TP: 22.0 FP: 110.0 TN: 548.0 FN: 53.0

TP: 19.0 FP: 53.0 TN: 632.0 FN: 56.0

TPR: 0.25333333333333335 FPR: 0.07737226277372262

TP: 12.0 FP: 46.0 TN: 634.0 FN: 63.0 TPR: 0.16

FPR: 0.06764705882352941

----STATIC TRAINING WITH 100 ANOMALIES, WITH ENHANCEMENTS

TP: 0.0

FP: 90.0 TN: 569.0 FN: 0.0 TPR: NaN

FPR: 0.13657056145675264

TP: 38.0 FP: 121.0 TN: 548.0 FN: 62.0 TPR: 0.38

FPR: 0.18086696562032886

TP: 31.0 FP: 227.0 TN: 431.0 FN: 69.0 TPR: 0.31

FPR: 0.34498480243161095

TP: 66.0 FP: 250.0 TN: 435.0 FN: 34.0 TPR: 0.66

FPR: 0.36496350364963503

TP: 48.0 FP: 220.0 TN: 460.0 FN: 52.0 TPR: 0.48

FPR: 0.3235294117647059

### -----DYNAMIC TRAINING WITH 100 ANOMALIES, WITH ENHANCEMENTS

TP: 0.0 FP: 90.0 TN: 569.0 FN: 0.0 TPR: NaN

FPR: 0.13657056145675264

TP: 35.0 FP: 113.0 TN: 556.0 FN: 65.0 TPR: 0.35

FPR: 0.16890881913303438

TP: 28.0 FP: 130.0 TN: 528.0 FN: 72.0 TPR: 0.28

FPR: 0.19756838905775076

TP: 18.0 FP: 66.0 TN: 619.0 FN: 82.0 TPR: 0.18

FPR: 0.09635036496350365

TP: 16.0 FP: 44.0 TN: 636.0 FN: 84.0 TPR: 0.16

FPR: 0.06470588235294118

#### ----STATIC TRAINING WITH 25 ANOMALIES, WITHOUT ENHANCEMENTS

TP: 0.0 FP: 84.0 TN: 575.0 FN: 0.0 TPR: NaN

FPR: 0.1274658573596358

TP: 14.0 FP: 111.0 TN: 558.0 FN: 11.0 TPR: 0.56

FPR: 0.16591928251121077

TP: 8.0 FP: 225.0 TN: 433.0 FN: 17.0 TPR: 0.32

FPR: 0.34194528875379937

TP: 21.0 FP: 237.0 TN: 448.0 FN: 4.0 TPR: 0.84

FPR: 0.345985401459854

TP: 18.0 FP: 212.0 TN: 468.0 FN: 7.0 TPR: 0.72

FPR: 0.31176470588235294

#### -----DYNAMIC TRAINING WITH 25 ANOMALIES, WITHOUT ENHANCEMENTS

TP: 0.0 FP: 84.0 TN: 575.0 FN: 0.0 TPR: NaN

FPR: 0.1274658573596358

TP: 13.0 FP: 84.0 TN: 585.0 FN: 12.0 TPR: 0.52

FPR: 0.12556053811659193

TP: 7.0 FP: 91.0 TN: 567.0 FN: 18.0 TPR: 0.28

FPR: 0.13829787234042554

TP: 18.0 FP: 62.0 TN: 623.0 FN: 7.0 TPR: 0.72

FPR: 0.0905109489051095

TP: 11.0 FP: 44.0 TN: 636.0 FN: 14.0 TPR: 0.44

FPR: 0.06470588235294118

# ----STATIC TRAINING WITH 50 ANOMALIES, WITHOUT ENHANCEMENTS

TP: 0.0 FP: 84.0 TN: 575.0 FN: 0.0 TPR: NaN

FPR: 0.1274658573596358

TP: 23.0 FP: 111.0 TN: 558.0 FN: 27.0 TPR: 0.46

FPR: 0.16591928251121077

TP: 18.0 FP: 225.0 TN: 433.0 FN: 32.0 TPR: 0.36

FPR: 0.34194528875379937

TP: 39.0 FP: 237.0 TN: 448.0 FN: 11.0 TPR: 0.78

FPR: 0.345985401459854

TP: 19.0 FP: 212.0 TN: 468.0 FN: 31.0 TPR: 0.38

FPR: 0.31176470588235294

### -----DYNAMIC TRAINING WITH 50 ANOMALIES, WITHOUT ENHANCEMENTS

TP: 0.0 FP: 84.0 TN: 575.0 FN: 0.0 TPR: NaN

FPR: 0.1274658573596358

TP: 20.0 FP: 84.0 TN: 585.0 FN: 30.0 TPR: 0.4

FPR: 0.12556053811659193

TP: 18.0 FP: 91.0 TN: 567.0 FN: 32.0 TPR: 0.36

FPR: 0.13829787234042554

TP: 21.0 FP: 63.0 TN: 622.0 FN: 29.0 TPR: 0.42

FPR: 0.09197080291970802

TP: 13.0 FP: 44.0 TN: 636.0 FN: 37.0 TPR: 0.26

FPR: 0.06470588235294118

### ----STATIC TRAINING WITH 75 ANOMALIES, WITHOUT ENHANCEMENTS

TP: 0.0 FP: 90.0 TN: 569.0 FN: 0.0 TPR: NaN

FPR: 0.13657056145675264

TP: 27.0 FP: 121.0 TN: 548.0 FN: 48.0 TPR: 0.36

FPR: 0.18086696562032886

TP: 21.0 FP: 227.0 TN: 431.0 FN: 54.0 TPR: 0.28

FPR: 0.34498480243161095

TP: 44.0 FP: 250.0 TN: 435.0 FN: 31.0

TPR: 0.586666666666667 FPR: 0.36496350364963503

TP: 30.0

FP: 220.0 TN: 460.0 FN: 45.0 TPR: 0.4

FPR: 0.3235294117647059

### -----DYNAMIC TRAINING WITH 75 ANOMALIES, WITHOUT ENHANCEMENTS

TP: 0.0 FP: 90.0 TN: 569.0 FN: 0.0 TPR: NaN

FPR: 0.13657056145675264

TP: 24.0 FP: 107.0 TN: 562.0 FN: 51.0 TPR: 0.32

FPR: 0.15994020926756353

TP: 17.0 FP: 109.0 TN: 549.0 FN: 58.0

TP: 13.0 FP: 62.0 TN: 623.0 FN: 62.0

TPR: 0.17333333333333334 FPR: 0.0905109489051095

TP: 13.0 FP: 49.0 TN: 631.0 FN: 62.0

TPR: 0.17333333333333334 FPR: 0.07205882352941176

# ----STATIC TRAINING WITH 100 ANOMALIES, WITHOUT ENHANCEMENTS

TP: 0.0 FP: 90.0 TN: 569.0 FN: 0.0 TPR: NaN FPR: 0.13657056145675264

TP: 35.0 FP: 121.0 TN: 548.0 FN: 65.0 TPR: 0.35

FPR: 0.18086696562032886

TP: 28.0 FP: 227.0 TN: 431.0 FN: 72.0 TPR: 0.28

FPR: 0.34498480243161095

TP: 66.0 FP: 250.0 TN: 435.0 FN: 34.0 TPR: 0.66

FPR: 0.36496350364963503

TP: 48.0 FP: 220.0 TN: 460.0 FN: 52.0 TPR: 0.48

FPR: 0.3235294117647059

### -----DYNAMIC TRAINING WITH 100 ANOMALIES, WITHOUT ENHANCEMENTS

TP: 0.0 FP: 90.0 TN: 569.0 FN: 0.0 TPR: NaN

FPR: 0.13657056145675264

TP: 32.0 FP: 107.0 TN: 562.0 FN: 68.0 TPR: 0.32

FPR: 0.15994020926756353

TP: 24.0 FP: 119.0 TN: 539.0 FN: 76.0 TPR: 0.24

FPR: 0.18085106382978725

TP: 18.0 FP: 71.0 TN: 614.0 FN: 82.0 TPR: 0.18

FPR: 0.10364963503649635

TP: 15.0 FP: 51.0 TN: 629.0 FN: 85.0 TPR: 0.15 FPR: 0.075