-----DYNAMIC WITH NO WEIGHT , DISCARD 30% freq, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0
FP: 67.0
TN: 507.0
FN: 0.0
TPR: NaN
FPR: 0.11672473867595819
TNR: 0.8832752613240418
FNR: NaN

DICTIONARY SIZE: 69

TP: 0.0
FP: 40.0
TN: 544.0
FN: 0.0
TPR: NaN
FPR: 0.0684931506849315
TNR: 0.9315068493150684
FNR: NaN

DICTIONARY SIZE: 69

TP: 0.0
FP: 24.0
TN: 524.0
FN: 0.0
TPR: NaN
FPR: 0.043795620437956206
TNR: 0.9562043795620438
FNR: NaN

DICTIONARY SIZE: 63

TP: 40.0
FP: 18.0
TN: 569.0
FN: 0.0
TPR: 1.0
FPR: 0.030664395229982964
TNR: 0.969335604770017
FNR: 0.0

DICTIONARY SIZE: 93

TP: 0.0
FP: 18.0
TN: 522.0
FN: 0.0
TPR: NaN
FPR: 0.03333333333333333
TNR: 0.9666666666666667
FNR: NaN

DICTIONARY SIZE: 83

TP: 0.0
FP: 10.0
TN: 573.0
FN: 0.0
TPR: NaN
FPR: 0.017152658662092625
TNR: 0.9828473413379074
FNR: NaN

DICTIONARY SIZE: 74

TP: 40.0
FP: 65.0
TN: 520.0
FN: 0.0
TPR: 1.0
FPR: 0.1111111111111111
TNR: 0.8888888888888888
FNR: 0.0

DICTIONARY SIZE: 111

TP: 0.0
FP: 7.0
TN: 533.0
FN: 0.0
TPR: NaN
FPR: 0.0129629629629629963
TNR: 0.987037037037037
FNR: NaN

DICTIONARY SIZE: 93

TP: 38.0
FP: 29.0
TN: 541.0
FN: 2.0
TPR: 0.95
FPR: 0.05087719298245614
TNR: 0.9491228070175438
FNR: 0.05

-----DYNAMIC WITH 0.9 WEIGHT , DISCARD 30% freq, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0
FP: 67.0
TN: 507.0
FN: 0.0
TPR: NaN
FPR: 0.11672473867595819
TNR: 0.8832752613240418
FNR: NaN

DICTIONARY SIZE: 67

TP: 0.0
FP: 39.0
TN: 545.0
FN: 0.0
TPR: NaN
FPR: 0.06678082191780822
TNR: 0.9332191780821918
FNR: NaN

DICTIONARY SIZE: 67

TP: 0.0
FP: 31.0
TN: 517.0
FN: 0.0
TPR: NaN
FPR: 0.05656934306569343
TNR: 0.9434306569343066
FNR: NaN

DICTIONARY SIZE: 71

TP: 40.0
FP: 24.0
TN: 563.0
FN: 0.0
TPR: 1.0
FPR: 0.04088586030664395
TNR: 0.959114139693356
FNR: 0.0

DICTIONARY SIZE: 95

TP: 0.0
FP: 4.0
TN: 536.0
FN: 0.0
TPR: NaN
FPR: 0.007407407407407408
TNR: 0.9925925925925926
FNR: NaN

DICTIONARY SIZE: 82

TP: 0.0
FP: 12.0
TN: 571.0
FN: 0.0
TPR: NaN
FPR: 0.02058319039451115
TNR: 0.9794168096054888
FNR: NaN

DICTIONARY SIZE: 68

TP: 40.0
FP: 67.0
TN: 518.0
FN: 0.0
TPR: 1.0
FPR: 0.11452991452991453
TNR: 0.8854700854700854
FNR: 0.0

DICTIONARY SIZE: 109

TP: 0.0
FP: 12.0
TN: 528.0
FN: 0.0
TPR: NaN
FPR: 0.0222222222222222223
TNR: 0.9777777777777777
FNR: NaN

DICTIONARY SIZE: 85

TP: 38.0
FP: 20.0
TN: 550.0
FN: 2.0
TPR: 0.95
FPR: 0.03508771929824561
TNR: 0.9649122807017544
FNR: 0.05

-----DYNAMIC WITH 0.8 WEIGHT , DISCARD 30% freq, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0
FP: 67.0
TN: 507.0
FN: 0.0
TPR: NaN
FPR: 0.11672473867595819
TNR: 0.8832752613240418
FNR: NaN

DICTIONARY SIZE: 67

TP: 0.0
FP: 39.0
TN: 545.0
FN: 0.0
TPR: NaN
FPR: 0.06678082191780822
TNR: 0.9332191780821918
FNR: NaN

DICTIONARY SIZE: 67

TP: 0.0
FP: 31.0
TN: 517.0
FN: 0.0
TPR: NaN
FPR: 0.05656934306569343
TNR: 0.9434306569343066
FNR: NaN

DICTIONARY SIZE: 69

TP: 40.0
FP: 25.0
TN: 562.0
FN: 0.0
TPR: 1.0
FPR: 0.04258943781942078
TNR: 0.9574105621805792
FNR: 0.0

DICTIONARY SIZE: 90

TP: 0.0
FP: 9.0
TN: 531.0
FN: 0.0
TPR: NaN
FPR: 0.016666666666666666
TNR: 0.9833333333333333
FNR: NaN

DICTIONARY SIZE: 81

TP: 0.0
FP: 11.0
TN: 572.0
FN: 0.0
TPR: NaN
FPR: 0.018867924528301886
TNR: 0.9811320754716981
FNR: NaN

DICTIONARY SIZE: 66

TP: 40.0
FP: 59.0
TN: 526.0
FN: 0.0
TPR: 1.0
FPR: 0.10085470085470086
TNR: 0.8991452991452992
FNR: 0.0

DICTIONARY SIZE: 107

TP: 0.0
FP: 8.0
TN: 532.0
FN: 0.0
TPR: NaN
FPR: 0.014814814814814815
TNR: 0.9851851851851852
FNR: NaN

DICTIONARY SIZE: 90

TP: 38.0
FP: 30.0
TN: 540.0
FN: 2.0
TPR: 0.95
FPR: 0.05263157894736842
TNR: 0.9473684210526315
FNR: 0.05

-----DYNAMIC WITH 0.7 WEIGHT , DISCARD 30% freq, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0
FP: 67.0
TN: 507.0
FN: 0.0
TPR: NaN
FPR: 0.11672473867595819
TNR: 0.8832752613240418
FNR: NaN

DICTIONARY SIZE: 64

TP: 0.0
FP: 33.0
TN: 551.0
FN: 0.0
TPR: NaN
FPR: 0.05650684931506849
TNR: 0.9434931506849316
FNR: NaN

DICTIONARY SIZE: 61

TP: 0.0
FP: 37.0
TN: 511.0
FN: 0.0
TPR: NaN
FPR: 0.06751824817518248
TNR: 0.9324817518248175
FNR: NaN

DICTIONARY SIZE: 62

TP: 39.0
FP: 25.0
TN: 562.0
FN: 1.0
TPR: 0.975
FPR: 0.04258943781942078
TNR: 0.9574105621805792
FNR: 0.025

DICTIONARY SIZE: 87

TP: 0.0
FP: 12.0
TN: 528.0
FN: 0.0
TPR: NaN
FPR: 0.022222222222222223
TNR: 0.9777777777777777
FNR: NaN

DICTIONARY SIZE: 82

TP: 0.0
FP: 5.0
TN: 578.0
FN: 0.0
TPR: NaN
FPR: 0.008576329331046312
TNR: 0.9914236706689536
FNR: NaN

DICTIONARY SIZE: 67

TP: 40.0
FP: 77.0
TN: 508.0
FN: 0.0
TPR: 1.0
FPR: 0.13162393162393163
TNR: 0.8683760683760684
FNR: 0.0

DICTIONARY SIZE: 105

TP: 0.0
FP: 9.0
TN: 531.0
FN: 0.0
TPR: NaN
FPR: 0.016666666666666666
TNR: 0.9833333333333333
FNR: NaN

DICTIONARY SIZE: 86

TP: 39.0
FP: 27.0
TN: 543.0
FN: 1.0
TPR: 0.975
FPR: 0.04736842105263158
TNR: 0.9526315789473684
FNR: 0.025

-----DYNAMIC WITH 0.6 WEIGHT , DISCARD 30% freq, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0
FP: 67.0
TN: 507.0
FN: 0.0
TPR: NaN
FPR: 0.11672473867595819
TNR: 0.8832752613240418
FNR: NaN

DICTIONARY SIZE: 66

TP: 0.0
FP: 33.0
TN: 551.0
FN: 0.0
TPR: NaN
FPR: 0.056650684931506849
TNR: 0.9434931506849316
FNR: NaN

DICTIONARY SIZE: 69

TP: 0.0
FP: 33.0
TN: 515.0
FN: 0.0
TPR: NaN
FPR: 0.060218978102189784
TNR: 0.9397810218978102
FNR: NaN

DICTIONARY SIZE: 63

TP: 39.0
FP: 24.0
TN: 563.0
FN: 1.0
TPR: 0.975
FPR: 0.040885860030664395
TNR: 0.959114139693356
FNR: 0.025

DICTIONARY SIZE: 88

TP: 0.0
FP: 12.0
TN: 528.0
FN: 0.0
TPR: NaN
FPR: 0.022222222222222223
TNR: 0.9777777777777777
FNR: NaN

DICTIONARY SIZE: 91

TP: 0.0
FP: 6.0
TN: 577.0
FN: 0.0
TPR: NaN
FPR: 0.010291595197255575
TNR: 0.9897084048027445
FNR: NaN

DICTIONARY SIZE: 75

TP: 40.0
FP: 64.0
TN: 521.0
FN: 0.0
TPR: 1.0
FPR: 0.1094017094017094
TNR: 0.8905982905982905
FNR: 0.0

DICTIONARY SIZE: 105

TP: 0.0
FP: 9.0
TN: 531.0
FN: 0.0
TPR: NaN
FPR: 0.0166666666666666
TNR: 0.9833333333333333
FNR: NaN

DICTIONARY SIZE: 87

TP: 39.0
FP: 28.0
TN: 542.0
FN: 1.0
TPR: 0.975
FPR: 0.04912280701754386
TNR: 0.9508771929824561
FNR: 0.025

-----DYNAMIC WITH 0.5 WEIGHT , DISCARD 30% freq, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0
FP: 67.0
TN: 507.0
FN: 0.0
TPR: NaN
FPR: 0.11672473867595819
TNR: 0.8832752613240418
FNR: NaN

DICTIONARY SIZE: 65

TP: 0.0
FP: 33.0
TN: 551.0
FN: 0.0
TPR: NaN
FPR: 0.05650684931506849
TNR: 0.9434931506849316
FNR: NaN

DICTIONARY SIZE: 67

TP: 0.0
FP: 34.0
TN: 514.0
FN: 0.0
TPR: NaN
FPR: 0.06204379562043796
TNR: 0.9379562043795621
FNR: NaN

DICTIONARY SIZE: 67

TP: 39.0
FP: 26.0
TN: 561.0
FN: 1.0
TPR: 0.975
FPR: 0.0442930153322197615
TNR: 0.9557069846678024
FNR: 0.025

DICTIONARY SIZE: 90

TP: 0.0
FP: 12.0
TN: 528.0
FN: 0.0
TPR: NaN
FPR: 0.022222222222222223
TNR: 0.9777777777777777
FNR: NaN

DICTIONARY SIZE: 83

TP: 0.0
FP: 20.0
TN: 563.0
FN: 0.0
TPR: NaN
FPR: 0.03430531732418525
TNR: 0.9656946826758147
FNR: NaN

DICTIONARY SIZE: 68

TP: 40.0
FP: 64.0
TN: 521.0
FN: 0.0
TPR: 1.0
FPR: 0.1094017094017094
TNR: 0.8905982905982905
FNR: 0.0

DICTIONARY SIZE: 101

TP: 0.0
FP: 8.0
TN: 532.0
FN: 0.0
TPR: NaN
FPR: 0.014814814814814815
TNR: 0.9851851851851852
FNR: NaN

DICTIONARY SIZE: 87

TP: 39.0
FP: 32.0
TN: 538.0
FN: 1.0
TPR: 0.975
FPR: 0.056140350877192984
TNR: 0.9438596491228071
FNR: 0.025

-----DYNAMIC WITH 0.4 WEIGHT , DISCARD 30% freq, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0
FP: 67.0
TN: 507.0
FN: 0.0
TPR: NaN
FPR: 0.11672473867595819
TNR: 0.8832752613240418
FNR: NaN

DICTIONARY SIZE: 66

TP: 0.0
FP: 37.0
TN: 547.0
FN: 0.0
TPR: NaN
FPR: 0.06335616438356165
TNR: 0.9366438356164384
FNR: NaN

DICTIONARY SIZE: 69

TP: 0.0
FP: 33.0
TN: 515.0
FN: 0.0
TPR: NaN
FPR: 0.060218978102189784
TNR: 0.9397810218978102
FNR: NaN

DICTIONARY SIZE: 71

TP: 40.0
FP: 24.0
TN: 563.0
FN: 0.0
TPR: 1.0
FPR: 0.040885860030664395
TNR: 0.959114139693356
FNR: 0.0

DICTIONARY SIZE: 90

TP: 0.0
FP: 14.0
TN: 526.0
FN: 0.0
TPR: NaN
FPR: 0.025925925925925925
TNR: 0.9740740740740741
FNR: NaN

DICTIONARY SIZE: 81

TP: 0.0
FP: 12.0
TN: 571.0
FN: 0.0
TPR: NaN
FPR: 0.02058319039451115
TNR: 0.9794168096054888
FNR: NaN

DICTIONARY SIZE: 67

TP: 40.0
FP: 65.0
TN: 520.0
FN: 0.0
TPR: 1.0
FPR: 0.1111111111111111
TNR: 0.8888888888888888
FNR: 0.0

DICTIONARY SIZE: 103

TP: 0.0
FP: 13.0
TN: 527.0
FN: 0.0
TPR: NaN
FPR: 0.024074074074074074
TNR: 0.975925925925926
FNR: NaN

DICTIONARY SIZE: 86

TP: 39.0
FP: 24.0
TN: 546.0
FN: 1.0
TPR: 0.975
FPR: 0.042105263157894736
TNR: 0.9578947368421052
FNR: 0.025

-----DYNAMIC WITH 0.3 WEIGHT , DISCARD 30% freq, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0
FP: 67.0
TN: 507.0
FN: 0.0
TPR: NaN
FPR: 0.11672473867595819
TNR: 0.8832752613240418
FNR: NaN

DICTIONARY SIZE: 66

TP: 0.0
FP: 37.0
TN: 547.0
FN: 0.0
TPR: NaN
FPR: 0.06335616438356165
TNR: 0.9366438356164384
FNR: NaN

DICTIONARY SIZE: 67

TP: 0.0
FP: 36.0
TN: 512.0
FN: 0.0
TPR: NaN
FPR: 0.06569343065693431
TNR: 0.9343065693430657
FNR: NaN

DICTIONARY SIZE: 62

TP: 40.0
FP: 37.0
TN: 550.0
FN: 0.0
TPR: 1.0
FPR: 0.06303236797274275
TNR: 0.9369676320272572
FNR: 0.0

DICTIONARY SIZE: 84

TP: 0.0
FP: 24.0
TN: 516.0
FN: 0.0
TPR: NaN
FPR: 0.044444444444444446
TNR: 0.9555555555555556
FNR: NaN

DICTIONARY SIZE: 77

TP: 0.0
FP: 10.0
TN: 573.0
FN: 0.0
TPR: NaN
FPR: 0.017152658662092625
TNR: 0.9828473413379074
FNR: NaN

DICTIONARY SIZE: 71

TP: 40.0
FP: 71.0
TN: 514.0
FN: 0.0
TPR: 1.0
FPR: 0.12136752136752137
TNR: 0.8786324786324786
FNR: 0.0

DICTIONARY SIZE: 110

TP: 0.0
FP: 5.0
TN: 535.0
FN: 0.0
TPR: NaN
FPR: 0.009259259259259259
TNR: 0.9907407407407407
FNR: NaN

DICTIONARY SIZE: 91

TP: 38.0
FP: 33.0
TN: 537.0
FN: 2.0
TPR: 0.95
FPR: 0.05789473684210526
TNR: 0.9421052631578948
FNR: 0.05

-----DYNAMIC WITH 0.2 WEIGHT , DISCARD 30% freq, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0
FP: 67.0
TN: 507.0
FN: 0.0
TPR: NaN
FPR: 0.11672473867595819
TNR: 0.8832752613240418
FNR: NaN

DICTIONARY SIZE: 66

TP: 0.0
FP: 37.0
TN: 547.0
FN: 0.0
TPR: NaN
FPR: 0.06335616438356165
TNR: 0.9366438356164384
FNR: NaN

DICTIONARY SIZE: 67

TP: 0.0
FP: 36.0
TN: 512.0
FN: 0.0
TPR: NaN
FPR: 0.06569343065693431
TNR: 0.9343065693430657
FNR: NaN

DICTIONARY SIZE: 61

TP: 40.0
FP: 42.0
TN: 545.0
FN: 0.0
TPR: 1.0
FPR: 0.07155025553662692
TNR: 0.9284497444633731
FNR: 0.0

DICTIONARY SIZE: 82

TP: 0.0
FP: 31.0
TN: 508.0
FN: 0.0
TPR: NaN
FPR: 0.0575139146567718
TNR: 0.9424860853432282
FNR: NaN

DICTIONARY SIZE: 81

TP: 0.0
FP: 12.0
TN: 571.0
FN: 0.0
TPR: NaN
FPR: 0.02058319039451115
TNR: 0.97941680960548888
FNR: NaN

DICTIONARY SIZE: 73

TP: 40.0
FP: 67.0
TN: 518.0
FN: 0.0
TPR: 1.0
FPR: 0.11452991452991453
TNR: 0.8854700854700854
FNR: 0.0

DICTIONARY SIZE: 103

TP: 0.0
FP: 10.0
TN: 530.0
FN: 0.0
TPR: NaN
FPR: 0.018518518518518517
TNR: 0.9814814814814815
FNR: NaN

DICTIONARY SIZE: 93

TP: 38.0
FP: 17.0
TN: 553.0
FN: 2.0
TPR: 0.95
FPR: 0.02982456140350877
TNR: 0.9701754385964912
FNR: 0.05

-----DYNAMIC WITH 0.1 WEIGHT , DISCARD 30% freq, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0
FP: 67.0
TN: 507.0
FN: 0.0
TPR: NaN
FPR: 0.11672473867595819
TNR: 0.8832752613240418
FNR: NaN

DICTIONARY SIZE: 66

TP: 0.0
FP: 37.0
TN: 547.0
FN: 0.0
TPR: NaN
FPR: 0.06335616438356165
TNR: 0.9366438356164384
FNR: NaN

DICTIONARY SIZE: 66

TP: 0.0
FP: 36.0
TN: 512.0
FN: 0.0
TPR: NaN
FPR: 0.06569343065693431
TNR: 0.9343065693430657
FNR: NaN

DICTIONARY SIZE: 69

TP: 40.0
FP: 10.0
TN: 577.0
FN: 0.0
TPR: 1.0
FPR: 0.017035775127768313
TNR: 0.9829642248722317
FNR: 0.0

DICTIONARY SIZE: 89

TP: 0.0
FP: 8.0
TN: 532.0
FN: 0.0
TPR: NaN
FPR: 0.014814814814814815
TNR: 0.9851851851851852
FNR: NaN

DICTIONARY SIZE: 80

TP: 0.0
FP: 7.0
TN: 576.0
FN: 0.0
TPR: NaN
FPR: 0.012006861063464836
TNR: 0.9879931389365352
FNR: NaN

DICTIONARY SIZE: 67

TP: 40.0
FP: 69.0
TN: 516.0
FN: 0.0
TPR: 1.0
FPR: 0.11794871794871795
TNR: 0.882051282051282
FNR: 0.0

DICTIONARY SIZE: 99

TP: 0.0
FP: 18.0
TN: 522.0
FN: 0.0
TPR: NaN
FPR: 0.033333333333333333
TNR: 0.9666666666666667
FNR: NaN

DICTIONARY SIZE: 89

TP: 38.0
FP: 29.0
TN: 541.0
FN: 2.0
TPR: 0.95
FPR: 0.05087719298245614
TNR: 0.9491228070175438
FNR: 0.05

-----DYNAMIC WITH NO WEIGHT , DISCARD 30% length, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0
FP: 61.0
TN: 513.0
FN: 0.0
TPR: NaN
FPR: 0.10627177700348432
TNR: 0.8937282229965157
FNR: NaN

DICTIONARY SIZE: 72

TP: 0.0
FP: 43.0
TN: 541.0
FN: 0.0
TPR: NaN
FPR: 0.07363013698630137
TNR: 0.9263698630136986
FNR: NaN

DICTIONARY SIZE: 73

TP: 0.0
FP: 25.0
TN: 523.0
FN: 0.0
TPR: NaN
FPR: 0.04562043795620438
TNR: 0.9543795620437956
FNR: NaN

DICTIONARY SIZE: 73

TP: 39.0
FP: 25.0
TN: 562.0
FN: 1.0
TPR: 0.975
FPR: 0.04258943781942078
TNR: 0.9574105621805792
FNR: 0.025

DICTIONARY SIZE: 104

TP: 0.0
FP: 3.0
TN: 537.0
FN: 0.0
TPR: NaN
FPR: 0.0055555555555555556
TNR: 0.9944444444444445
FNR: NaN

DICTIONARY SIZE: 95

TP: 0.0
FP: 9.0
TN: 574.0
FN: 0.0
TPR: NaN
FPR: 0.015437392795883362
TNR: 0.9845626072041166
FNR: NaN

DICTIONARY SIZE: 93

TP: 40.0
FP: 70.0
TN: 515.0
FN: 0.0
TPR: 1.0
FPR: 0.11965811965811966
TNR: 0.8803418803418803
FNR: 0.0

DICTIONARY SIZE: 137

TP: 0.0
FP: 4.0
TN: 536.0
FN: 0.0
TPR: NaN
FPR: 0.007407407407407408
TNR: 0.9925925925925926
FNR: NaN

DICTIONARY SIZE: 111

TP: 38.0
FP: 49.0
TN: 521.0
FN: 2.0
TPR: 0.95
FPR: 0.08596491228070176
TNR: 0.9140350877192982
FNR: 0.05

-----DYNAMIC WITH NO WEIGHT , DISCARD 30% freq*length, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0
FP: 64.0
TN: 510.0
FN: 0.0
TPR: NaN
FPR: 0.11149825783972125
TNR: 0.8885017421602788
FNR: NaN

DICTIONARY SIZE: 68

TP: 0.0
FP: 39.0
TN: 545.0
FN: 0.0
TPR: NaN
FPR: 0.06678082191780822
TNR: 0.9332191780821918
FNR: NaN

DICTIONARY SIZE: 72

TP: 0.0
FP: 25.0
TN: 523.0
FN: 0.0
TPR: NaN
FPR: 0.04562043795620438
TNR: 0.9543795620437956
FNR: NaN

DICTIONARY SIZE: 70

TP: 39.0
FP: 15.0
TN: 572.0
FN: 1.0
TPR: 0.975
FPR: 0.02555366269165247
TNR: 0.9744463373083475
FNR: 0.025

DICTIONARY SIZE: 88

TP: 0.0
FP: 5.0
TN: 535.0
FN: 0.0
TPR: NaN
FPR: 0.0092592592592592592
TNR: 0.9907407407407407
FNR: NaN

DICTIONARY SIZE: 80

TP: 0.0
FP: 26.0
TN: 557.0
FN: 0.0
TPR: NaN
FPR: 0.044596912521440824
TNR: 0.9554030874785592
FNR: NaN

DICTIONARY SIZE: 75

TP: 40.0
FP: 84.0
TN: 501.0
FN: 0.0
TPR: 1.0
FPR: 0.14358974358974358
TNR: 0.8564102564102564
FNR: 0.0

DICTIONARY SIZE: 111

TP: 0.0
FP: 5.0
TN: 535.0
FN: 0.0
TPR: NaN
FPR: 0.0092592592592592592
TNR: 0.9907407407407407
FNR: NaN

DICTIONARY SIZE: 89

TP: 38.0
FP: 16.0
TN: 554.0
FN: 2.0
TPR: 0.95
FPR: 0.028070175438596492
TNR: 0.9719298245614035
FNR: 0.05

-----DYNAMIC WITH 0.9 WEIGHT , DISCARD 30% freq*length, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0
FP: 64.0
TN: 510.0
FN: 0.0
TPR: NaN
FPR: 0.11149825783972125
TNR: 0.8885017421602788
FNR: NaN

DICTIONARY SIZE: 71

TP: 0.0
FP: 39.0
TN: 545.0
FN: 0.0
TPR: NaN
FPR: 0.06678082191780822
TNR: 0.9332191780821918
FNR: NaN

DICTIONARY SIZE: 69

TP: 0.0
FP: 34.0
TN: 514.0
FN: 0.0
TPR: NaN
FPR: 0.06204379562043796
TNR: 0.9379562043795621
FNR: NaN

DICTIONARY SIZE: 70

TP: 39.0
FP: 20.0
TN: 567.0
FN: 1.0
TPR: 0.975
FPR: 0.034071550255536626
TNR: 0.9659284497444633
FNR: 0.025

DICTIONARY SIZE: 88

TP: 0.0
FP: 4.0
TN: 536.0
FN: 0.0
TPR: NaN
FPR: 0.007407407407407408
TNR: 0.9925925925925926
FNR: NaN

DICTIONARY SIZE: 71

TP: 0.0
FP: 11.0
TN: 572.0
FN: 0.0
TPR: NaN
FPR: 0.018867924528301886
TNR: 0.9811320754716981
FNR: NaN

DICTIONARY SIZE: 73

TP: 40.0
FP: 99.0
TN: 486.0
FN: 0.0
TPR: 1.0
FPR: 0.16923076923076924
TNR: 0.8307692307692308
FNR: 0.0

DICTIONARY SIZE: 110

TP: 0.0
FP: 7.0
TN: 533.0
FN: 0.0
TPR: NaN
FPR: 0.012962962962962963
TNR: 0.987037037037037
FNR: NaN

DICTIONARY SIZE: 83

TP: 38.0
FP: 20.0
TN: 550.0
FN: 2.0
TPR: 0.95
FPR: 0.03508771929824561
TNR: 0.9649122807017544
FNR: 0.05

-----DYNAMIC WITH 0.8 WEIGHT , DISCARD 30% freq*length, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0
FP: 64.0
TN: 510.0
FN: 0.0
TPR: NaN
FPR: 0.11149825783972125
TNR: 0.8885017421602788
FNR: NaN

DICTIONARY SIZE: 71

TP: 0.0
FP: 39.0
TN: 545.0
FN: 0.0
TPR: NaN
FPR: 0.06678082191780822
TNR: 0.9332191780821918
FNR: NaN

DICTIONARY SIZE: 69

TP: 0.0
FP: 35.0
TN: 513.0
FN: 0.0
TPR: NaN
FPR: 0.06386861313868614
TNR: 0.9361313868613139
FNR: NaN

DICTIONARY SIZE: 71

TP: 39.0
FP: 19.0
TN: 568.0
FN: 1.0
TPR: 0.975
FPR: 0.03236797274275979
TNR: 0.9676320272572402
FNR: 0.025

DICTIONARY SIZE: 88

TP: 0.0
FP: 4.0
TN: 536.0
FN: 0.0
TPR: NaN
FPR: 0.007407407407407408
TNR: 0.9925925925925926
FNR: NaN

DICTIONARY SIZE: 77

TP: 0.0
FP: 10.0
TN: 573.0
FN: 0.0
TPR: NaN
FPR: 0.017152658662092625
TNR: 0.9828473413379074
FNR: NaN

DICTIONARY SIZE: 76

TP: 40.0
FP: 85.0
TN: 500.0
FN: 0.0
TPR: 1.0
FPR: 0.1452991452991453
TNR: 0.8547008547008547
FNR: 0.0

DICTIONARY SIZE: 117

TP: 0.0
FP: 2.0
TN: 538.0
FN: 0.0
TPR: NaN
FPR: 0.003703703703703704
TNR: 0.9962962962962963
FNR: NaN

DICTIONARY SIZE: 91

TP: 38.0
FP: 25.0
TN: 545.0
FN: 2.0
TPR: 0.95
FPR: 0.043859649122807015
TNR: 0.956140350877193
FNR: 0.05

-----DYNAMIC WITH 0.7 WEIGHT , DISCARD 30% freq*length, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0
FP: 64.0
TN: 510.0
FN: 0.0
TPR: NaN
FPR: 0.11149825783972125
TNR: 0.8885017421602788
FNR: NaN

DICTIONARY SIZE: 71

TP: 0.0
FP: 36.0
TN: 548.0
FN: 0.0
TPR: NaN
FPR: 0.06164383561643835
TNR: 0.9383561643835616
FNR: NaN

DICTIONARY SIZE: 68

TP: 0.0
FP: 39.0
TN: 509.0
FN: 0.0
TPR: NaN
FPR: 0.07116788321167883
TNR: 0.9288321167883211
FNR: NaN

DICTIONARY SIZE: 73

TP: 39.0
FP: 16.0
TN: 571.0
FN: 1.0
TPR: 0.975
FPR: 0.027257240204429302
TNR: 0.9727427597955707
FNR: 0.025

DICTIONARY SIZE: 88

TP: 0.0
FP: 4.0
TN: 536.0
FN: 0.0
TPR: NaN
FPR: 0.007407407407407408
TNR: 0.9925925925925926
FNR: NaN

DICTIONARY SIZE: 73

TP: 0.0
FP: 11.0
TN: 572.0
FN: 0.0
TPR: NaN
FPR: 0.018867924528301886
TNR: 0.9811320754716981
FNR: NaN

DICTIONARY SIZE: 69

TP: 40.0

FP: 89.0
TN: 496.0
FN: 0.0
TPR: 1.0
FPR: 0.15213675213675212
TNR: 0.8478632478632478
FNR: 0.0

DICTIONARY SIZE: 107

TP: 0.0
FP: 5.0
TN: 535.0
FN: 0.0
TPR: NaN
FPR: 0.0092592592592592592592
TNR: 0.9907407407407407
FNR: NaN

DICTIONARY SIZE: 83

TP: 38.0
FP: 35.0
TN: 535.0
FN: 2.0
TPR: 0.95
FPR: 0.06140350877192982
TNR: 0.9385964912280702
FNR: 0.05

-----DYNAMIC WITH 0.6 WEIGHT , DISCARD 30% freq*length, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0
FP: 64.0
TN: 510.0
FN: 0.0
TPR: NaN
FPR: 0.11149825783972125
TNR: 0.8885017421602788
FNR: NaN

DICTIONARY SIZE: 73

TP: 0.0
FP: 36.0
TN: 548.0
FN: 0.0
TPR: NaN
FPR: 0.06164383561643835
TNR: 0.9383561643835616
FNR: NaN

DICTIONARY SIZE: 70

TP: 0.0
FP: 39.0
TN: 509.0
FN: 0.0
TPR: NaN
FPR: 0.071167883211167883
TNR: 0.9288321167883211
FNR: NaN

DICTIONARY SIZE: 64

TP: 39.0

FP: 19.0
TN: 568.0
FN: 1.0
TPR: 0.975
FPR: 0.03236797274275979
TNR: 0.9676320272572402
FNR: 0.025

DICTIONARY SIZE: 83

TP: 0.0
FP: 6.0
TN: 534.0
FN: 0.0
TPR: NaN
FPR: 0.011111111111111112
TNR: 0.9888888888888889
FNR: NaN

DICTIONARY SIZE: 74

TP: 0.0
FP: 26.0
TN: 557.0
FN: 0.0
TPR: NaN
FPR: 0.044596912521440824
TNR: 0.9554030874785592
FNR: NaN

DICTIONARY SIZE: 71

TP: 40.0
FP: 85.0
TN: 500.0
FN: 0.0
TPR: 1.0
FPR: 0.1452991452991453
TNR: 0.8547008547008547
FNR: 0.0

DICTIONARY SIZE: 105

TP: 0.0
FP: 4.0
TN: 536.0
FN: 0.0
TPR: NaN
FPR: 0.007407407407407408
TNR: 0.9925925925925926
FNR: NaN

DICTIONARY SIZE: 85

TP: 38.0
FP: 43.0
TN: 527.0
FN: 2.0
TPR: 0.95
FPR: 0.07543859649122807
TNR: 0.9245614035087719
FNR: 0.05

-----DYNAMIC WITH 0.5 WEIGHT , DISCARD 30% freq*length, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0

FP: 64.0
TN: 510.0
FN: 0.0
TPR: NaN
FPR: 0.11149825783972125
TNR: 0.8885017421602788
FNR: NaN

DICTIONARY SIZE: 72

TP: 0.0
FP: 37.0
TN: 547.0
FN: 0.0
TPR: NaN
FPR: 0.06335616438356165
TNR: 0.9366438356164384
FNR: NaN

DICTIONARY SIZE: 65

TP: 0.0
FP: 41.0
TN: 507.0
FN: 0.0
TPR: NaN
FPR: 0.07481751824817519
TNR: 0.9251824817518248
FNR: NaN

DICTIONARY SIZE: 66

TP: 39.0
FP: 24.0
TN: 563.0
FN: 1.0
TPR: 0.975
FPR: 0.040885860030664395
TNR: 0.959114139693356
FNR: 0.025

DICTIONARY SIZE: 87

TP: 0.0
FP: 7.0
TN: 533.0
FN: 0.0
TPR: NaN
FPR: 0.012962962962962963
TNR: 0.987037037037037
FNR: NaN

DICTIONARY SIZE: 72

TP: 0.0
FP: 13.0
TN: 570.0
FN: 0.0
TPR: NaN
FPR: 0.022298456260720412
TNR: 0.9777015437392796
FNR: NaN

DICTIONARY SIZE: 69

TP: 40.0
FP: 76.0

TN: 509.0
FN: 0.0
TPR: 1.0
FPR: 0.12991452991452992
TNR: 0.8700854700854701
FNR: 0.0

DICTIONARY SIZE: 98

TP: 0.0
FP: 6.0
TN: 534.0
FN: 0.0
TPR: NaN
FPR: 0.011111111111111112
TNR: 0.9888888888888889
FNR: NaN

DICTIONARY SIZE: 83

TP: 38.0
FP: 17.0
TN: 553.0
FN: 2.0
TPR: 0.95
FPR: 0.02982456140350877
TNR: 0.9701754385964912
FNR: 0.05

-----DYNAMIC WITH 0.4 WEIGHT , DISCARD 30% freq*length, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0
FP: 64.0
TN: 510.0
FN: 0.0
TPR: NaN
FPR: 0.11149825783972125
TNR: 0.8885017421602788
FNR: NaN

DICTIONARY SIZE: 75

TP: 0.0
FP: 37.0
TN: 547.0
FN: 0.0
TPR: NaN
FPR: 0.06335616438356165
TNR: 0.9366438356164384
FNR: NaN

DICTIONARY SIZE: 73

TP: 0.0
FP: 35.0
TN: 513.0
FN: 0.0
TPR: NaN
FPR: 0.06386861313868614
TNR: 0.9361313868613139
FNR: NaN

DICTIONARY SIZE: 65

TP: 39.0
FP: 29.0

TN: 558.0
FN: 1.0
TPR: 0.975
FPR: 0.049403747870528106
TNR: 0.9505962521294719
FNR: 0.025

DICTIONARY SIZE: 83

TP: 0.0
FP: 6.0
TN: 534.0
FN: 0.0
TPR: NaN
FPR: 0.011111111111111112
TNR: 0.9888888888888889
FNR: NaN

DICTIONARY SIZE: 75

TP: 0.0
FP: 12.0
TN: 571.0
FN: 0.0
TPR: NaN
FPR: 0.02058319039451115
TNR: 0.9794168096054888
FNR: NaN

DICTIONARY SIZE: 71

TP: 40.0
FP: 56.0
TN: 529.0
FN: 0.0
TPR: 1.0
FPR: 0.09572649572649573
TNR: 0.9042735042735043
FNR: 0.0

DICTIONARY SIZE: 104

TP: 0.0
FP: 6.0
TN: 534.0
FN: 0.0
TPR: NaN
FPR: 0.011111111111111112
TNR: 0.9888888888888889
FNR: NaN

DICTIONARY SIZE: 84

TP: 38.0
FP: 17.0
TN: 553.0
FN: 2.0
TPR: 0.95
FPR: 0.02982456140350877
TNR: 0.9701754385964912
FNR: 0.05

-----DYNAMIC WITH 0.3 WEIGHT , DISCARD 30% freq*length, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0

FP: 64.0
TN: 510.0
FN: 0.0
TPR: NaN
FPR: 0.11149825783972125
TNR: 0.8885017421602788
FNR: NaN

DICTIONARY SIZE: 71

TP: 0.0
FP: 37.0
TN: 547.0
FN: 0.0
TPR: NaN
FPR: 0.06335616438356165
TNR: 0.9366438356164384
FNR: NaN

DICTIONARY SIZE: 70

TP: 0.0
FP: 34.0
TN: 514.0
FN: 0.0
TPR: NaN
FPR: 0.06204379562043796
TNR: 0.9379562043795621
FNR: NaN

DICTIONARY SIZE: 62

TP: 39.0
FP: 22.0
TN: 565.0
FN: 1.0
TPR: 0.975
FPR: 0.03747870528109029
TNR: 0.9625212947189097
FNR: 0.025

DICTIONARY SIZE: 85

TP: 0.0
FP: 17.0
TN: 523.0
FN: 0.0
TPR: NaN
FPR: 0.03148148148148148
TNR: 0.9685185185185186
FNR: NaN

DICTIONARY SIZE: 78

TP: 0.0
FP: 9.0
TN: 574.0
FN: 0.0
TPR: NaN
FPR: 0.015437392795883362
TNR: 0.9845626072041166
FNR: NaN

DICTIONARY SIZE: 72

TP: 40.0
FP: 85.0

TN: 500.0
FN: 0.0
TPR: 1.0
FPR: 0.1452991452991453
TNR: 0.8547008547008547
FNR: 0.0

DICTIONARY SIZE: 106

TP: 0.0
FP: 5.0
TN: 535.0
FN: 0.0
TPR: NaN
FPR: 0.009259259259259259
TNR: 0.9907407407407407
FNR: NaN

DICTIONARY SIZE: 90

TP: 38.0
FP: 19.0
TN: 551.0
FN: 2.0
TPR: 0.95
FPR: 0.03333333333333333
TNR: 0.9666666666666667
FNR: 0.05

-----DYNAMIC WITH 0.2 WEIGHT , DISCARD 30% freq*length, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0
FP: 64.0
TN: 510.0
FN: 0.0
TPR: NaN
FPR: 0.11149825783972125
TNR: 0.8885017421602788
FNR: NaN

DICTIONARY SIZE: 71

TP: 0.0
FP: 35.0
TN: 549.0
FN: 0.0
TPR: NaN
FPR: 0.0599315068493150655
TNR: 0.940068493150685
FNR: NaN

DICTIONARY SIZE: 70

TP: 0.0
FP: 32.0
TN: 516.0
FN: 0.0
TPR: NaN
FPR: 0.058394160583941604
TNR: 0.9416058394160584
FNR: NaN

DICTIONARY SIZE: 69

TP: 40.0
FP: 34.0

TN: 553.0
FN: 0.0
TPR: 1.0
FPR: 0.05792163543441227
TNR: 0.9420783645655877
FNR: 0.0

DICTIONARY SIZE: 87

TP: 0.0
FP: 20.0
TN: 519.0
FN: 0.0
TPR: NaN
FPR: 0.03710575139146568
TNR: 0.9628942486085343
FNR: NaN

DICTIONARY SIZE: 81

TP: 0.0
FP: 9.0
TN: 574.0
FN: 0.0
TPR: NaN
FPR: 0.015437392795883362
TNR: 0.9845626072041166
FNR: NaN

DICTIONARY SIZE: 73

TP: 40.0
FP: 70.0
TN: 515.0
FN: 0.0
TPR: 1.0
FPR: 0.11965811965811966
TNR: 0.8803418803418803
FNR: 0.0

DICTIONARY SIZE: 111

TP: 0.0
FP: 8.0
TN: 532.0
FN: 0.0
TPR: NaN
FPR: 0.014814814814814815
TNR: 0.9851851851851852
FNR: NaN

DICTIONARY SIZE: 85

TP: 38.0
FP: 40.0
TN: 530.0
FN: 2.0
TPR: 0.95
FPR: 0.07017543859649122
TNR: 0.9298245614035088
FNR: 0.05

-----DYNAMIC WITH 0.1 WEIGHT , DISCARD 30% freq*length, WITH ENHANCEMENTS

DICTIONARY SIZE: 47

TP: 0.0
FP: 64.0

TN: 510.0
FN: 0.0
TPR: NaN
FPR: 0.11149825783972125
TNR: 0.8885017421602788
FNR: NaN

DICTIONARY SIZE: 71

TP: 0.0
FP: 35.0
TN: 549.0
FN: 0.0
TPR: NaN
FPR: 0.0599315068493150065
TNR: 0.940068493150685
FNR: NaN

DICTIONARY SIZE: 70

TP: 0.0
FP: 32.0
TN: 516.0
FN: 0.0
TPR: NaN
FPR: 0.058394160583941604
TNR: 0.9416058394160584
FNR: NaN

DICTIONARY SIZE: 72

TP: 40.0
FP: 21.0
TN: 566.0
FN: 0.0
TPR: 1.0
FPR: 0.03577512776831346
TNR: 0.9642248722316865
FNR: 0.0

DICTIONARY SIZE: 87

TP: 0.0
FP: 5.0
TN: 535.0
FN: 0.0
TPR: NaN
FPR: 0.009259259259259259
TNR: 0.9907407407407407
FNR: NaN

DICTIONARY SIZE: 76

TP: 0.0
FP: 10.0
TN: 573.0
FN: 0.0
TPR: NaN
FPR: 0.017152658662092625
TNR: 0.9828473413379074
FNR: NaN

DICTIONARY SIZE: 71

TP: 40.0
FP: 70.0
TN: 515.0

FN: 0.0
TPR: 1.0
FPR: 0.11965811965811966
TNR: 0.8803418803418803
FNR: 0.0

DICTIONARY SIZE: 103

TP: 0.0
FP: 25.0
TN: 515.0
FN: 0.0
TPR: NaN
FPR: 0.046296296296296294
TNR: 0.9537037037037037
FNR: NaN

DICTIONARY SIZE: 84

TP: 38.0
FP: 13.0
TN: 557.0
FN: 2.0
TPR: 0.95
FPR: 0.02280701754385965
TNR: 0.9771929824561404
FNR: 0.05