-----DYNAMIC WITH NO WEIGHT , DISCARD 5% freq, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

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

DICTIONARY SIZE: 109

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

DICTIONARY SIZE: 126

TP: 0.0
FP: 19.0
TN: 529.0
FN: 0.0
TPR: NaN
FPR: 0.03467153284671533
TNR: 0.9653284671532847
FNR: NaN

DICTIONARY SIZE: 136

TP: 39.0
FP: 7.0
TN: 580.0
FN: 1.0
TPR: 0.975
FPR: 0.011925042589943782
TNR: 0.9880749574105622
FNR: 0.025

DICTIONARY SIZE: 189

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 192

TP: 0.0
FP: 4.0
TN: 579.0
FN: 0.0
TPR: NaN
FPR: 0.00686106346483705
TNR: 0.9931389365351629
FNR: NaN

DICTIONARY SIZE: 190

TP: 40.0
FP: 42.0
TN: 543.0
FN: 0.0
TPR: 1.0
FPR: 0.07179487179487179
TNR: 0.9282051282051282
FNR: 0.0

DICTIONARY SIZE: 242

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 257

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 5% freq, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

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

DICTIONARY SIZE: 105

TP: 0.0
FP: 32.0
TN: 552.0

FN: 0.0
TPR: NaN
FPR: 0.0547945205479452
TNR: 0.9452054794520548
FNR: NaN

DICTIONARY SIZE: 114

TP: 0.0
FP: 21.0
TN: 527.0
FN: 0.0
TPR: NaN
FPR: 0.03832116788321168
TNR: 0.9616788321167883
FNR: NaN

DICTIONARY SIZE: 128

TP: 39.0
FP: 7.0
TN: 580.0
FN: 1.0
TPR: 0.975
FPR: 0.01192504258943782
TNR: 0.9880749574105622
FNR: 0.025

DICTIONARY SIZE: 173

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

DICTIONARY SIZE: 169

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

DICTIONARY SIZE: 188

TP: 40.0
FP: 48.0
TN: 537.0
FN: 0.0
TPR: 1.0
FPR: 0.08205128205128205
TNR: 0.9179487179487179

FNR: 0.0

DICTIONARY SIZE: 241

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

DICTIONARY SIZE: 244

TP: 38.0
FP: 24.0
TN: 546.0
FN: 2.0
TPR: 0.95
FPR: 0.042105263157894736
TNR: 0.9578947368421052
FNR: 0.05

-----DYNAMIC WITH 0.8 WEIGHT , DISCARD 5% freq, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

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

DICTIONARY SIZE: 105

TP: 0.0
FP: 32.0
TN: 552.0
FN: 0.0
TPR: NaN
FPR: 0.0547945205479452
TNR: 0.9452054794520548
FNR: NaN

DICTIONARY SIZE: 114

TP: 0.0
FP: 21.0
TN: 527.0
FN: 0.0
TPR: NaN
FPR: 0.03832116788321168
TNR: 0.9616788321167883
FNR: NaN

DICTIONARY SIZE: 128

TP: 39.0
FP: 7.0
TN: 580.0
FN: 1.0
TPR: 0.975
FPR: 0.011925042589443782
TNR: 0.9880749574105622
FNR: 0.025

DICTIONARY SIZE: 174

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 169

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

DICTIONARY SIZE: 183

TP: 40.0
FP: 53.0
TN: 532.0
FN: 0.0
TPR: 1.0
FPR: 0.0905982905982906
TNR: 0.9094017094017094
FNR: 0.0

DICTIONARY SIZE: 249

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 237

TP: 38.0
FP: 12.0

TN: 558.0
FN: 2.0
TPR: 0.95
FPR: 0.0210526315789473368
TNR: 0.9789473684210527
FNR: 0.05

-----DYNAMIC WITH 0.7 WEIGHT , DISCARD 5% freq, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

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

DICTIONARY SIZE: 99

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

DICTIONARY SIZE: 118

TP: 0.0
FP: 20.0
TN: 528.0
FN: 0.0
TPR: NaN
FPR: 0.0364963503649635
TNR: 0.9635036496350365
FNR: NaN

DICTIONARY SIZE: 126

TP: 39.0
FP: 7.0
TN: 580.0
FN: 1.0
TPR: 0.975
FPR: 0.011925042258943782
TNR: 0.9880749574105622
FNR: 0.025

DICTIONARY SIZE: 170

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN

FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 178

TP: 0.0
FP: 4.0
TN: 579.0
FN: 0.0
TPR: NaN
FPR: 0.00686106346483705
TNR: 0.9931389365351629
FNR: NaN

DICTIONARY SIZE: 196

TP: 40.0
FP: 46.0
TN: 539.0
FN: 0.0
TPR: 1.0
FPR: 0.07863247863247863
TNR: 0.9213675213675213
FNR: 0.0

DICTIONARY SIZE: 242

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 235

TP: 38.0
FP: 18.0
TN: 552.0
FN: 2.0
TPR: 0.95
FPR: 0.031578947368421054
TNR: 0.968421052631579
FNR: 0.05

-----DYNAMIC WITH 0.6 WEIGHT , DISCARD 5% freq, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

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

DICTIONARY SIZE: 102

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

DICTIONARY SIZE: 125

TP: 0.0
FP: 20.0
TN: 528.0
FN: 0.0
TPR: NaN
FPR: 0.0364963503649635
TNR: 0.9635036496350365
FNR: NaN

DICTIONARY SIZE: 137

TP: 39.0
FP: 8.0
TN: 579.0
FN: 1.0
TPR: 0.975
FPR: 0.013628620102214651
TNR: 0.9863713798977853
FNR: 0.025

DICTIONARY SIZE: 180

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 182

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

DICTIONARY SIZE: 179

TP: 40.0
FP: 44.0
TN: 541.0
FN: 0.0
TPR: 1.0
FPR: 0.07521367521367521
TNR: 0.9247863247863248
FNR: 0.0

DICTIONARY SIZE: 240

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 246

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 0.5 WEIGHT , DISCARD 5% freq, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

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

DICTIONARY SIZE: 103

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

DICTIONARY SIZE: 125

TP: 0.0
FP: 21.0
TN: 527.0

FN: 0.0
TPR: NaN
FPR: 0.03832116788321168
TNR: 0.9616788321167883
FNR: NaN

DICTIONARY SIZE: 136

TP: 39.0
FP: 11.0
TN: 576.0
FN: 1.0
TPR: 0.975
FPR: 0.018739352640545145
TNR: 0.9812606473594548
FNR: 0.025

DICTIONARY SIZE: 186

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 177

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

DICTIONARY SIZE: 177

TP: 40.0
FP: 41.0
TN: 544.0
FN: 0.0
TPR: 1.0
FPR: 0.07008547008547009
TNR: 0.9299145299145299
FNR: 0.0

DICTIONARY SIZE: 243

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481

FNR: NaN

DICTIONARY SIZE: 246

TP: 39.0
FP: 26.0
TN: 544.0
FN: 1.0
TPR: 0.975
FPR: 0.0456140350877193
TNR: 0.9543859649122807
FNR: 0.025

-----DYNAMIC WITH 0.4 WEIGHT , DISCARD 5% freq, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

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

DICTIONARY SIZE: 104

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

DICTIONARY SIZE: 130

TP: 0.0
FP: 19.0
TN: 529.0
FN: 0.0
TPR: NaN
FPR: 0.03467153284671533
TNR: 0.9653284671532847
FNR: NaN

DICTIONARY SIZE: 140

TP: 38.0
FP: 8.0
TN: 579.0
FN: 2.0
TPR: 0.95
FPR: 0.013628620102214651
TNR: 0.9863713798977853
FNR: 0.05

DICTIONARY SIZE: 189

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 186

TP: 0.0
FP: 4.0
TN: 579.0
FN: 0.0
TPR: NaN
FPR: 0.00686106346483705
TNR: 0.9931389365351629
FNR: NaN

DICTIONARY SIZE: 186

TP: 40.0
FP: 43.0
TN: 542.0
FN: 0.0
TPR: 1.0
FPR: 0.0735042735042735
TNR: 0.9264957264957265
FNR: 0.0

DICTIONARY SIZE: 249

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 242

TP: 37.0
FP: 13.0
TN: 557.0
FN: 3.0
TPR: 0.925
FPR: 0.02280701754385965
TNR: 0.9771929824561404
FNR: 0.075

-----DYNAMIC WITH 0.3 WEIGHT , DISCARD 5% freq, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

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

DICTIONARY SIZE: 103

TP: 0.0
FP: 35.0
TN: 549.0
FN: 0.0
TPR: NaN
FPR: 0.0599931506849315065
TNR: 0.940068493150685
FNR: NaN

DICTIONARY SIZE: 118

TP: 0.0
FP: 23.0
TN: 525.0
FN: 0.0
TPR: NaN
FPR: 0.041970802919708027
TNR: 0.958029197080292
FNR: NaN

DICTIONARY SIZE: 131

TP: 38.0
FP: 8.0
TN: 579.0
FN: 2.0
TPR: 0.95
FPR: 0.013628620102214651
TNR: 0.9863713798977853
FNR: 0.05

DICTIONARY SIZE: 186

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

DICTIONARY SIZE: 179

TP: 0.0
FP: 4.0
TN: 579.0
FN: 0.0

TPR: NaN
FPR: 0.00686106346483705
TNR: 0.9931389365351629
FNR: NaN

DICTIONARY SIZE: 189

TP: 40.0
FP: 44.0
TN: 541.0
FN: 0.0
TPR: 1.0
FPR: 0.07521367521367521
TNR: 0.9247863247863248
FNR: 0.0

DICTIONARY SIZE: 239

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

DICTIONARY SIZE: 240

TP: 37.0
FP: 17.0
TN: 553.0
FN: 3.0
TPR: 0.925
FPR: 0.02982456140350877
TNR: 0.9701754385964912
FNR: 0.075

-----DYNAMIC WITH 0.2 WEIGHT , DISCARD 5% freq, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

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

DICTIONARY SIZE: 103

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

FNR: NaN

DICTIONARY SIZE: 119

TP: 0.0
FP: 23.0
TN: 525.0
FN: 0.0
TPR: NaN
FPR: 0.041970802919708027
TNR: 0.958029197080292
FNR: NaN

DICTIONARY SIZE: 125

TP: 38.0
FP: 8.0
TN: 579.0
FN: 2.0
TPR: 0.95
FPR: 0.013628620102214651
TNR: 0.9863713798977853
FNR: 0.05

DICTIONARY SIZE: 180

TP: 0.0
FP: 2.0
TN: 537.0
FN: 0.0
TPR: NaN
FPR: 0.0037105751391465678
TNR: 0.9962894248608535
FNR: NaN

DICTIONARY SIZE: 181

TP: 0.0
FP: 4.0
TN: 579.0
FN: 0.0
TPR: NaN
FPR: 0.00686106346483705
TNR: 0.9931389365351629
FNR: NaN

DICTIONARY SIZE: 184

TP: 40.0
FP: 42.0
TN: 543.0
FN: 0.0
TPR: 1.0
FPR: 0.07179487179487179
TNR: 0.9282051282051282
FNR: 0.0

DICTIONARY SIZE: 225

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 230

TP: 38.0
FP: 11.0
TN: 559.0
FN: 2.0
TPR: 0.95
FPR: 0.019929824561403509
TNR: 0.980701754385965
FNR: 0.05

-----DYNAMIC WITH 0.1 WEIGHT , DISCARD 5% freq, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

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

DICTIONARY SIZE: 103

TP: 0.0
FP: 35.0
TN: 549.0
FN: 0.0
TPR: NaN
FPR: 0.059931506849315065
TNR: 0.940068493150685
FNR: NaN

DICTIONARY SIZE: 118

TP: 0.0
FP: 23.0
TN: 525.0
FN: 0.0
TPR: NaN
FPR: 0.041970802919708027
TNR: 0.958029197080292
FNR: NaN

DICTIONARY SIZE: 132

TP: 39.0
FP: 7.0

TN: 580.0
FN: 1.0
TPR: 0.975
FPR: 0.01192504258943782
TNR: 0.9880749574105622
FNR: 0.025

DICTIONARY SIZE: 172

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 174

TP: 0.0
FP: 4.0
TN: 579.0
FN: 0.0
TPR: NaN
FPR: 0.00686106346483705
TNR: 0.9931389365351629
FNR: NaN

DICTIONARY SIZE: 181

TP: 40.0
FP: 38.0
TN: 547.0
FN: 0.0
TPR: 1.0
FPR: 0.06495726495726496
TNR: 0.935042735042735
FNR: 0.0

DICTIONARY SIZE: 227

TP: 0.0
FP: 3.0
TN: 537.0
FN: 0.0
TPR: NaN
FPR: 0.005555555555555556
TNR: 0.9944444444444445
FNR: NaN

DICTIONARY SIZE: 227

TP: 38.0
FP: 12.0
TN: 558.0
FN: 2.0
TPR: 0.95
FPR: 0.021052631578947368

TNR: 0.9789473684210527
FNR: 0.05

-----DYNAMIC WITH NO WEIGHT , DISCARD 5% length, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

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

DICTIONARY SIZE: 105

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

DICTIONARY SIZE: 134

TP: 0.0
FP: 20.0
TN: 528.0
FN: 0.0
TPR: NaN
FPR: 0.0364963503649635
TNR: 0.9635036496350365
FNR: NaN

DICTIONARY SIZE: 141

TP: 38.0
FP: 7.0
TN: 580.0
FN: 2.0
TPR: 0.95
FPR: 0.011925042589943782
TNR: 0.9880749574105622
FNR: 0.05

DICTIONARY SIZE: 195

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 194

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

DICTIONARY SIZE: 200

TP: 40.0
FP: 39.0
TN: 546.0
FN: 0.0
TPR: 1.0
FPR: 0.06666666666666667
TNR: 0.9333333333333333
FNR: 0.0

DICTIONARY SIZE: 258

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

DICTIONARY SIZE: 252

TP: 38.0
FP: 9.0
TN: 561.0
FN: 2.0
TPR: 0.95
FPR: 0.015789473684210527
TNR: 0.9842105263157894
FNR: 0.05

-----DYNAMIC WITH NO WEIGHT , DISCARD 5% freq*length, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

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

DICTIONARY SIZE: 106

TP: 0.0
FP: 32.0
TN: 552.0
FN: 0.0
TPR: NaN
FPR: 0.0547945205479452
TNR: 0.9452054794520548
FNR: NaN

DICTIONARY SIZE: 128

TP: 0.0
FP: 18.0
TN: 530.0
FN: 0.0
TPR: NaN
FPR: 0.032846715328467155
TNR: 0.9671532846715328
FNR: NaN

DICTIONARY SIZE: 143

TP: 38.0
FP: 7.0
TN: 580.0
FN: 2.0
TPR: 0.95
FPR: 0.011925042589437822
TNR: 0.9880749574105622
FNR: 0.05

DICTIONARY SIZE: 197

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 206

TP: 0.0
FP: 4.0
TN: 579.0
FN: 0.0
TPR: NaN
FPR: 0.00686106346483705
TNR: 0.9931389365351629
FNR: NaN

DICTIONARY SIZE: 206

TP: 40.0
FP: 53.0
TN: 532.0

FN: 0.0
TPR: 1.0
FPR: 0.0905982905982906
TNR: 0.9094017094017094
FNR: 0.0

DICTIONARY SIZE: 257

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 253

TP: 38.0
FP: 10.0
TN: 560.0
FN: 2.0
TPR: 0.95
FPR: 0.017543859649122806
TNR: 0.9824561403508771
FNR: 0.05

-----DYNAMIC WITH 0.9 WEIGHT , DISCARD 5% freq*length, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

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

DICTIONARY SIZE: 107

TP: 0.0
FP: 34.0
TN: 550.0
FN: 0.0
TPR: NaN
FPR: 0.05821917808219178
TNR: 0.9417808219178082
FNR: NaN

DICTIONARY SIZE: 117

TP: 0.0
FP: 20.0
TN: 528.0
FN: 0.0
TPR: NaN
FPR: 0.0364963503649635

TNR: 0.9635036496350365
FNR: NaN

DICTIONARY SIZE: 132

TP: 38.0
FP: 12.0
TN: 575.0
FN: 2.0
TPR: 0.95
FPR: 0.020442930153321975
TNR: 0.979557069846678
FNR: 0.05

DICTIONARY SIZE: 174

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 182

TP: 0.0
FP: 4.0
TN: 579.0
FN: 0.0
TPR: NaN
FPR: 0.00686106346483705
TNR: 0.9931389365351629
FNR: NaN

DICTIONARY SIZE: 188

TP: 40.0
FP: 50.0
TN: 535.0
FN: 0.0
TPR: 1.0
FPR: 0.08547008547008547
TNR: 0.9145299145299145
FNR: 0.0

DICTIONARY SIZE: 240

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

DICTIONARY SIZE: 240

TP: 38.0
FP: 6.0
TN: 564.0
FN: 2.0
TPR: 0.95
FPR: 0.0105263157894473684
TNR: 0.9894736842105263
FNR: 0.05

-----DYNAMIC WITH 0.8 WEIGHT , DISCARD 5% freq*length, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

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

DICTIONARY SIZE: 107

TP: 0.0
FP: 34.0
TN: 550.0
FN: 0.0
TPR: NaN
FPR: 0.05821917808219178
TNR: 0.9417808219178082
FNR: NaN

DICTIONARY SIZE: 117

TP: 0.0
FP: 20.0
TN: 528.0
FN: 0.0
TPR: NaN
FPR: 0.0364963503649635
TNR: 0.9635036496350365
FNR: NaN

DICTIONARY SIZE: 132

TP: 38.0
FP: 12.0
TN: 575.0
FN: 2.0
TPR: 0.95
FPR: 0.020442930153321975
TNR: 0.979557069846678
FNR: 0.05

DICTIONARY SIZE: 171

TP: 0.0

FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 188

TP: 0.0
FP: 4.0
TN: 579.0
FN: 0.0
TPR: NaN
FPR: 0.00686106346483705
TNR: 0.9931389365351629
FNR: NaN

DICTIONARY SIZE: 192

TP: 40.0
FP: 42.0
TN: 543.0
FN: 0.0
TPR: 1.0
FPR: 0.07179487179487179
TNR: 0.9282051282051282
FNR: 0.0

DICTIONARY SIZE: 241

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 233

TP: 39.0
FP: 8.0
TN: 562.0
FN: 1.0
TPR: 0.975
FPR: 0.014035087719298246
TNR: 0.9859649122807017
FNR: 0.025

-----DYNAMIC WITH 0.7 WEIGHT , DISCARD 5% freq*length, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

TP: 0.0
FP: 61.0
TN: 513.0

FN: 0.0
TPR: NaN
FPR: 0.10627177700348432
TNR: 0.8937282229965157
FNR: NaN

DICTIONARY SIZE: 107

TP: 0.0
FP: 34.0
TN: 550.0
FN: 0.0
TPR: NaN
FPR: 0.05821917808219178
TNR: 0.9417808219178082
FNR: NaN

DICTIONARY SIZE: 120

TP: 0.0
FP: 19.0
TN: 529.0
FN: 0.0
TPR: NaN
FPR: 0.03467153284671533
TNR: 0.9653284671532847
FNR: NaN

DICTIONARY SIZE: 131

TP: 38.0
FP: 12.0
TN: 575.0
FN: 2.0
TPR: 0.95
FPR: 0.020442930153321975
TNR: 0.979557069846678
FNR: 0.05

DICTIONARY SIZE: 174

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 184

TP: 0.0
FP: 4.0
TN: 579.0
FN: 0.0
TPR: NaN
FPR: 0.00686106346483705
TNR: 0.9931389365351629

FNR: NaN

DICTIONARY SIZE: 179

TP: 40.0
FP: 49.0
TN: 536.0
FN: 0.0
TPR: 1.0
FPR: 0.08376068376068375
TNR: 0.9162393162393162
FNR: 0.0

DICTIONARY SIZE: 234

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

DICTIONARY SIZE: 239

TP: 39.0
FP: 8.0
TN: 562.0
FN: 1.0
TPR: 0.975
FPR: 0.014035087719298246
TNR: 0.9859649122807017
FNR: 0.025

-----DYNAMIC WITH 0.6 WEIGHT , DISCARD 5% freq*length, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

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

DICTIONARY SIZE: 109

TP: 0.0
FP: 34.0
TN: 550.0
FN: 0.0
TPR: NaN
FPR: 0.05821917808219178
TNR: 0.9417808219178082
FNR: NaN

DICTIONARY SIZE: 130

TP: 0.0
FP: 21.0
TN: 527.0
FN: 0.0
TPR: NaN
FPR: 0.038321167883211168
TNR: 0.9616788321167883
FNR: NaN

DICTIONARY SIZE: 133

TP: 38.0
FP: 8.0
TN: 579.0
FN: 2.0
TPR: 0.95
FPR: 0.013628620102214651
TNR: 0.9863713798977853
FNR: 0.05

DICTIONARY SIZE: 179

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 189

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

DICTIONARY SIZE: 186

TP: 40.0
FP: 43.0
TN: 542.0
FN: 0.0
TPR: 1.0
FPR: 0.0735042735042735
TNR: 0.9264957264957265
FNR: 0.0

DICTIONARY SIZE: 256

TP: 0.0
FP: 1.0

TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 249

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 0.5 WEIGHT , DISCARD 5% freq*length, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

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

DICTIONARY SIZE: 109

TP: 0.0
FP: 34.0
TN: 550.0
FN: 0.0
TPR: NaN
FPR: 0.05821917808219178
TNR: 0.9417808219178082
FNR: NaN

DICTIONARY SIZE: 128

TP: 0.0
FP: 19.0
TN: 529.0
FN: 0.0
TPR: NaN
FPR: 0.03467153284671533
TNR: 0.9653284671532847
FNR: NaN

DICTIONARY SIZE: 135

TP: 38.0
FP: 13.0
TN: 574.0
FN: 2.0
TPR: 0.95

FPR: 0.022146507666098807
TNR: 0.9778534923339012
FNR: 0.05

DICTIONARY SIZE: 179

TP: 0.0
FP: 3.0
TN: 537.0
FN: 0.0
TPR: NaN
FPR: 0.005555555555555556
TNR: 0.9944444444444445
FNR: NaN

DICTIONARY SIZE: 170

TP: 0.0
FP: 2.0
TN: 581.0
FN: 0.0
TPR: NaN
FPR: 0.003430531732418525
TNR: 0.9965694682675815
FNR: NaN

DICTIONARY SIZE: 178

TP: 40.0
FP: 47.0
TN: 538.0
FN: 0.0
TPR: 1.0
FPR: 0.08034188034188035
TNR: 0.9196581196581196
FNR: 0.0

DICTIONARY SIZE: 238

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 221

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 5% freq*length, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

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

DICTIONARY SIZE: 110

TP: 0.0
FP: 32.0
TN: 552.0
FN: 0.0
TPR: NaN
FPR: 0.0547945205479452
TNR: 0.9452054794520548
FNR: NaN

DICTIONARY SIZE: 132

TP: 0.0
FP: 19.0
TN: 529.0
FN: 0.0
TPR: NaN
FPR: 0.03467153284671533
TNR: 0.9653284671532847
FNR: NaN

DICTIONARY SIZE: 140

TP: 38.0
FP: 8.0
TN: 579.0
FN: 2.0
TPR: 0.95
FPR: 0.013628620102214651
TNR: 0.9863713798977853
FNR: 0.05

DICTIONARY SIZE: 192

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 182

TP: 0.0
FP: 4.0
TN: 579.0
FN: 0.0
TPR: NaN
FPR: 0.00686106346483705
TNR: 0.9931389365351629
FNR: NaN

DICTIONARY SIZE: 195

TP: 40.0
FP: 45.0
TN: 540.0
FN: 0.0
TPR: 1.0
FPR: 0.076923076923076993
TNR: 0.9230769230769231
FNR: 0.0

DICTIONARY SIZE: 251

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 246

TP: 37.0
FP: 13.0
TN: 557.0
FN: 3.0
TPR: 0.925
FPR: 0.02280701754385965
TNR: 0.9771929824561404
FNR: 0.075

-----DYNAMIC WITH 0.3 WEIGHT , DISCARD 5% freq*length, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

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

DICTIONARY SIZE: 106

TP: 0.0
FP: 33.0
TN: 551.0

FN: 0.0
TPR: NaN
FPR: 0.05650684931506849
TNR: 0.9434931506849316
FNR: NaN

DICTIONARY SIZE: 120

TP: 0.0
FP: 22.0
TN: 526.0
FN: 0.0
TPR: NaN
FPR: 0.040145985401459854
TNR: 0.9598540145985401
FNR: NaN

DICTIONARY SIZE: 128

TP: 38.0
FP: 10.0
TN: 577.0
FN: 2.0
TPR: 0.95
FPR: 0.017035775127768313
TNR: 0.9829642248722317
FNR: 0.05

DICTIONARY SIZE: 171

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

DICTIONARY SIZE: 168

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

DICTIONARY SIZE: 158

TP: 40.0
FP: 45.0
TN: 540.0
FN: 0.0
TPR: 1.0
FPR: 0.07692307692307693
TNR: 0.9230769230769231

FNR: 0.0

DICTIONARY SIZE: 231

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 227

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

-----DYNAMIC WITH 0.2 WEIGHT , DISCARD 5% freq*length, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

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

DICTIONARY SIZE: 106

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

DICTIONARY SIZE: 129

TP: 0.0
FP: 19.0
TN: 529.0
FN: 0.0
TPR: NaN
FPR: 0.03467153284671533
TNR: 0.9653284671532847
FNR: NaN

DICTIONARY SIZE: 129

TP: 38.0
FP: 7.0
TN: 580.0
FN: 2.0
TPR: 0.95
FPR: 0.011192504258943782
TNR: 0.9880749574105622
FNR: 0.05

DICTIONARY SIZE: 174

TP: 0.0
FP: 4.0
TN: 535.0
FN: 0.0
TPR: NaN
FPR: 0.0074211502782931356
TNR: 0.9925788497217068
FNR: NaN

DICTIONARY SIZE: 166

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

DICTIONARY SIZE: 184

TP: 40.0
FP: 50.0
TN: 535.0
FN: 0.0
TPR: 1.0
FPR: 0.08547008547008547
TNR: 0.9145299145299145
FNR: 0.0

DICTIONARY SIZE: 243

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

DICTIONARY SIZE: 244

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 0.1 WEIGHT , DISCARD 5% freq*length, WITH ENHANCEMENTS

DICTIONARY SIZE: 68

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

DICTIONARY SIZE: 106

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

DICTIONARY SIZE: 127

TP: 0.0
FP: 19.0
TN: 529.0
FN: 0.0
TPR: NaN
FPR: 0.03467153284671533
TNR: 0.9653284671532847
FNR: NaN

DICTIONARY SIZE: 130

TP: 38.0
FP: 6.0
TN: 581.0
FN: 2.0
TPR: 0.95
FPR: 0.010221465076660987
TNR: 0.989778534923339
FNR: 0.05

DICTIONARY SIZE: 178

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN

FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 167

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

DICTIONARY SIZE: 181

TP: 40.0
FP: 48.0
TN: 537.0
FN: 0.0
TPR: 1.0
FPR: 0.08205128205128205
TNR: 0.9179487179487179
FNR: 0.0

DICTIONARY SIZE: 236

TP: 0.0
FP: 1.0
TN: 539.0
FN: 0.0
TPR: NaN
FPR: 0.001851851851851852
TNR: 0.9981481481481481
FNR: NaN

DICTIONARY SIZE: 237

TP: 38.0
FP: 8.0
TN: 562.0
FN: 2.0
TPR: 0.95
FPR: 0.014035087719298246
TNR: 0.9859649122807017
FNR: 0.05