

Titles+abstracts

Train Data

LogisticRegression=0.8782051282051282

[[148 3]

[35 126]]

MultinomialNB= 0.8493589743589743

[[110 41]

[6 155]]

ComplementNB= 0.8269230769230769

[[101 50]

[4 157]]

BernoulliNB= 0.8685897435897436

[[136 15]

[26 135]]

SVM.SVC= 0.8621794871794872

[[148 3]

[40 121]]

SVM.NuSVC= 0.8878205128205128

[[147 4]

[31 130]]

SVM.LinearSVC= 0.8782051282051282

[[145 6]

[32 129]]

MLPClassifier= 0.9102564102564102

[[136 15]

[13 148]]

Test Data

LogisticRegression = 0.8491978609625669

[[445 21]

[120 349]]

SVM.NuSVC= 0.8545454545454545

[[448 18]

[118 351]]

SVM.LinearSVC= 0.8727272727272727

[[444 22]

[97 372]]

MLPClassifier= 0.8705882352941177

[[400 66]

[55 414]]