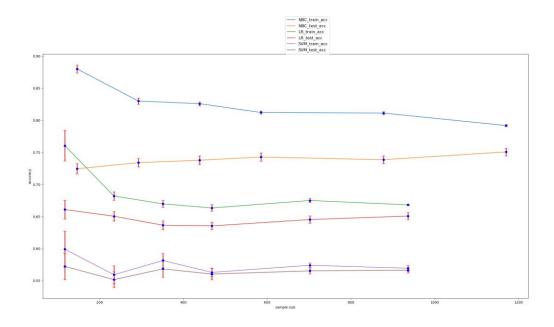
2

Training Accuracy LR: 0.65 Testing Accuracy LR: 0.66

Training Accuracy SVM: 0.57
Testing Accuracy SVM: 0.57

3 (iii)



(iv) hypothesis: the performance of LR and SVM are different

(v)

The pair-wise t-test between the training accuracies of LR and SVM, and the pair-wise t-test between the test accuracies of LR and SVM are as follows

t statistics for training Ttest_relResult(statistic=10.305297332774275, pvalue=0.00014796352530622344) t statistics for test_relResult(statistic=20.434523836911993, pvalue=5.192803922357225e-06)

Both p values <0.05, means that they are statistically different.