**Result File:**

linear SVM, C=0.1 ################################

PCA 10: 0.63720

PCA 25: 0.63720

PCA 50: 0.63720

Feature Agglomeration 10: 0.60000

Feature Agglomeration 25: 0.67960

Feature Agglomeration 50: 0.64920

Gaussian Random Tree 10: 0.51440

Gaussian Random Tree 25: 0.58400

Gaussian Random Tree 50: 0.62240

Sparse Random Tree 10: 0.51840

Sparse Random Tree 25: 0.60080

Sparse Random Tree 50: 0.61560

linear SVM, C=1 ##################################

PCA 10: 0.63720

PCA 25: 0.63720

PCA 50: 0.63720

Feature Agglomeration 10: 0.60000

Feature Agglomeration 25: 0.67960

Feature Agglomeration 50: 0.64920

Gaussian Random Tree 10: 0.51440

Gaussian Random Tree 25: 0.58400

Gaussian Random Tree 50: 0.62240

Sparse Random Tree 10: 0.51840

Sparse Random Tree 25: 0.60080

Sparse Random Tree 50: 0.61560

linear SVM, C=10 #################################

PCA 10: 0.63720

PCA 25: 0.63720

PCA 50: 0.63720

Feature Agglomeration 10: 0.60000

Feature Agglomeration 25: 0.67960

Feature Agglomeration 50: 0.64920

Gaussian Random Tree 10: 0.51440

Gaussian Random Tree 25: 0.58400

Gaussian Random Tree 50: 0.62240

Sparse Random Tree 10: 0.51840

Sparse Random Tree 25: 0.60080

Sparse Random Tree 50: 0.61560

Poly 2 SVM, C=0.1 ################################

PCA 10: 0.11560

PCA 25: 0.11560

PCA 50: 0.11560

Feature Agglomeration 10: 0.30200

Feature Agglomeration 25: 0.28360

Feature Agglomeration 50: 0.08320

Gaussian Random Tree 10: 0.20880

Gaussian Random Tree 25: 0.18960

Gaussian Random Tree 50: 0.06120

Sparse Random Tree 10: 0.19560

Sparse Random Tree 25: 0.17720

Sparse Random Tree 50: 0.05920

Poly 2 SVM, C=1 ##################################

PCA 10: 0.11280

PCA 25: 0.11280

PCA 50: 0.11280

Feature Agglomeration 10: 0.54360

Feature Agglomeration 25: 0.42920

Feature Agglomeration 50: 0.18920

Gaussian Random Tree 10: 0.21080

Gaussian Random Tree 25: 0.19440

Gaussian Random Tree 50: 0.20880

Sparse Random Tree 10: 0.19680

Sparse Random Tree 25: 0.19680

Sparse Random Tree 50: 0.24280

Poly 2 SVM, C=10 #################################

PCA 10: 0.11280

PCA 25: 0.11280

PCA 50: 0.11280

Feature Agglomeration 10: 0.54240

Feature Agglomeration 25: 0.52800

Feature Agglomeration 50: 0.26720

Gaussian Random Tree 10: 0.21080

Gaussian Random Tree 25: 0.19440

Gaussian Random Tree 50: 0.20320

Sparse Random Tree 10: 0.19680

Sparse Random Tree 25: 0.19680

Sparse Random Tree 50: 0.22160

Rbf SVM, C=0.1 ###################################

PCA 10: 0.03600

PCA 25: 0.03600

PCA 50: 0.03600

Feature Agglomeration 10: 0.31200

Feature Agglomeration 25: 0.42160

Feature Agglomeration 50: 0.26240

Gaussian Random Tree 10: 0.02520

Gaussian Random Tree 25: 0.03000

Gaussian Random Tree 50: 0.06840

Sparse Random Tree 10: 0.02560

Sparse Random Tree 25: 0.03040

Sparse Random Tree 50: 0.08120

Rbf SVM, C=1 #####################################

PCA 10: 0.08160

PCA 25: 0.08160

PCA 50: 0.08160

Feature Agglomeration 10: 0.49880

Feature Agglomeration 25: 0.54680

Feature Agglomeration 50: 0.42600

Gaussian Random Tree 10: 0.02920

Gaussian Random Tree 25: 0.07160

Gaussian Random Tree 50: 0.18720

Sparse Random Tree 10: 0.03000

Sparse Random Tree 25: 0.07080

Sparse Random Tree 50: 0.18440

Rbf SVM, C=10 ####################################

PCA 10: 0.10840

PCA 25: 0.10840

PCA 50: 0.10840

Feature Agglomeration 10: 0.53440

Feature Agglomeration 25: 0.57040

Feature Agglomeration 50: 0.45440

Gaussian Random Tree 10: 0.03000

Gaussian Random Tree 25: 0.07720

Gaussian Random Tree 50: 0.20920

Sparse Random Tree 10: 0.03160

Sparse Random Tree 25: 0.07560

Sparse Random Tree 50: 0.21280

Multinomial Naive Bayes ##########################

PCA 10: 0.02120

PCA 25: 0.02120

PCA 50: 0.02120

Feature Agglomeration 10: 0.57880

Feature Agglomeration 25: 0.66000

Feature Agglomeration 50: 0.67320

Gaussian Random Tree 10: 0.52080

Gaussian Random Tree 25: 0.57960

Gaussian Random Tree 50: 0.60520

Sparse Random Tree 10: 0.52320

Sparse Random Tree 25: 0.58360

Sparse Random Tree 50: 0.59720

Gaussian Naive Bayes #############################

PCA 10: 0.02360

PCA 25: 0.02360

PCA 50: 0.02360

Feature Agglomeration 10: 0.31400

Feature Agglomeration 25: 0.34600

Feature Agglomeration 50: 0.46720

Gaussian Random Tree 10: 0.22440

Gaussian Random Tree 25: 0.24120

Gaussian Random Tree 50: 0.24760

Sparse Random Tree 10: 0.20680

Sparse Random Tree 25: 0.25600

Sparse Random Tree 50: 0.25680