Lab 7

When set PCA dimension equals to 200, the accuracy of different LDA dimension:

LDA dimension	10	20	30	39
Accuracy	0.925	0.925	0.95	0.95

When set LDA dimension equals to 20, the accuracy of different PCA dimension:

PCA dimension	100	150	200	250	300	350
Accuracy	0.975	0.9	0.925	0.925	0.925	0.8

LDA+SVM

The best result is 0.975, with 200 dimension of PCA, 39 dimension of LDA, linear kernel function, and C value is 0.01.