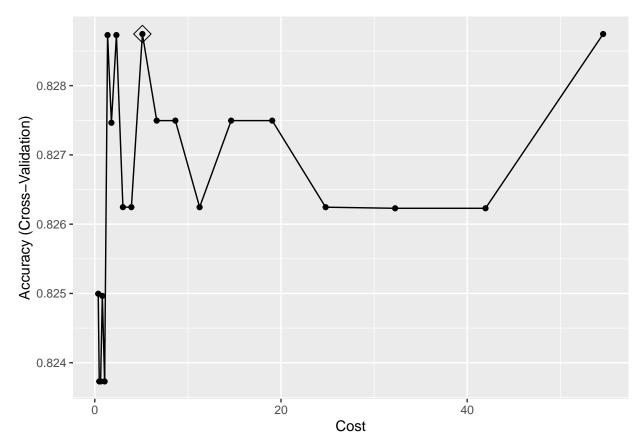
p8106_stl2137_hw5

Part A

What are the training and test error rates?

Linear Training Data Performance



The training error rate for the linear kernel support vector classifier is 0.1712543.

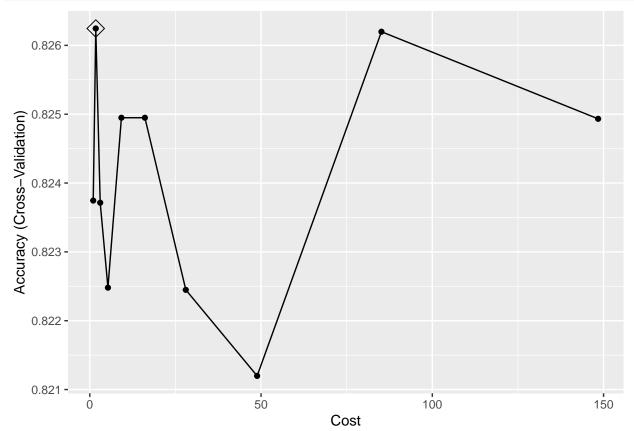
Linear Test Data Performance

The test error rate for the linear kernel support vector classifier is 0.1555556.

Part B

What are the training and test error rates?





The training error rate for the support vector machine with a radial kernel is 0.1737547.

Radial Test Data Performance

The test error rate for the support vector machine with a radial kernel is 0.1518519.