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Ada Boost
  > Mean Accuracy: 0.944 (0.057)
  > Time: 3.09
Random Forest
  > Mean Accuracy: 0.949 (0.056)
  > Time: 0.40
Gradient Boost
  > Mean Accuracy: 0.956 (0.047)
  > Time: 0.66
Bagging
  > Mean Accuracy: 0.953 (0.055)
  > Time: 0.47
Single Decision Tree
  > Mean Accuracy: 0.951 (0.051)
  > Time: 0.03
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All of the classification algorithms produced similar cross-validation accuracies and standard deviations, and all performed quite well (about 95% accurate). The main difference was in the time taken to train and classify the samples. Unsurprisingly, the Single Decision Tree classifier completed the fastest, at 0.03 seconds. Random Forest, Gradient Boost, and Bagging completed in 0.4 to 0.6 seconds, and Ada Boost was by far the slowest, at 3.09 seconds.