Answer the following question:   
1. Write your observations about the Classifier’s behavior with respect to the number of estimators. The random forest classifier has an accuracy of 83% and the AUC is roughly 0.74 furthermore this is with 500 estimators.  
2. Is there an optimal value of the estimator within the given range? The classifier seems to be very consistent regardless of estimators as indicative of the graph with accuracy versus estimators.