CA04

Keren Shen

1. Write your observations about the Classifier’s behavior with respect to the

number of estimators

The accuracy of the estimator keeps dropping in the range [50, 150]. In the range [150,500], the accuracy keeps increasing. It reaches its maximum value when the estimator is 400.

2. Is there an optimal value of the estimator within the given range?

Yes.

When the estimator equals 400, the accuracy equals 0.8381.