The number of trees 30

The number of features:7

The number of instances used to build each tree 6800

The difficulty I encountered: The training time is too long; it takes about 12 hours to train at once. However, reducing the training time will also decrease the F1 score.

Solution: Decrease the max depth (from 5 to 2) and increase the number of trees (from 10 to 30) and increase the number of feature(5 to 7).