1. A short description of the data.

2. A picture of the first two splits of the single tree (the split in the root node, and the split in its left or right child). Consider the classification rule that you get by assigning to the majority class in the three leaf nodes of this heavily simplified tree. Discuss whether this classification rule makes sense, given the meaning of the attributes.

3. Confusion matrices and the requested quality measures for all three models (single tree, bagging, random forest).

4. A discussion of whether the differences in accuracy (that is, the proportion of correct predictions) found on the test set are statistically significant. Find a statistical test that is suited for this purpose.