Code Instruction:

1. CV\_RF.m – crossvalidation for random forest

2. CV\_Treebagger.m – crossvalidation for treebagger

3. TestRF/gauss.txt – artificial data with CoCoMac Sizes

4. TestRF/w.txt – UCI wine data

5. analize\_DMN\_RF.m – script for analyzing data using Random Forest

6. analize\_DMN\_treebagger.m – script for analyzing data using TreeBagger

7. attempts.m – here I tried to find modularity structure in connectome (there are links to my file system)

8. attempts2.m – here I played with multi dimensional scaling

9. attempts3.m – here I played with random matrices

10. centrality\_features.m – generation centrality features from adjacency matrix

11. classRF\_predict.m – wrapper for random forest predictor (for classification task)

12. classRF\_train.m – wrapper for random forest trainer (for classification task)

13. compute\_features.m – compute features for connectome (there are links to my file system)

14. export\_features.m – save features to file

15. import\_connectome.m – import all connectome data (there are links to my file system)

16. import\_features.m – import features from file

17. mexClassRF\_predict.mexw64 - random forest predictor (for classification task)

18. mexClassRF\_train.mexw64 - random forest trainer (for classification task)

19. testRF\_gauss.m – test random forest on two guassians

20. testRF\_uni.m – test random forest on uniformly distributed classes

21. testRF\_wine.m- test random forest on UCI wine data

22. testTreeBagger\_brain\_random.m – test treebagger on connectome with random class allocation

23. testTreeBagger\_gauss.m – test treebagger on two guassians

24. testTreeBagger\_uni.m – test treebagger on uniformly distributed classes

25. testTreeBagger\_wine.m - test treebagger on UCI wine data