TBMI26 – Computer Assignment Reports  
Boosting

Deadline – February 26 2018

Author/-s:

In order to pass the assignment you will need to answer the following questions and upload the document to LISAM. If you meet the deadline we correct the report within one week after the deadline. Otherwise we give no guarantees when we have time.

1. **Plot how the classification accuracy on training data and test data depend on the number of weak classifier (in the same plot). Be sure to include the number of training data (non-faces + faces) and the number of Haar-Features.**
2. **How many weak classifiers did you chose before testing the data?**
3. **How many weak classifiers did you use for final strong classifier? Why?**
4. **What is the accuracy on the test data after applying the optimized strong classifier?**

1. **Plot some of the misclassified faces and non-faces that seem hard to classify correctly.**
2. **Defend your results. Are they reasonable?**
3. **Can we expect perfect results?**