

**Statistical Learning**

**Deadline: October 19, 2015**

## Homework 3. Linear Classification

*Instructor: Yuan Yao*

For the experimental problem, include the source codes (as Appendix) which are runnable under standard settings. On the head of your submitted homework, please mark *NAME - student ID*.

By (ESL), please refer to the Elements of Statistical Learning, Edition II, the 10<sup>th</sup> print

[http://statweb.stanford.edu/~tibs/ElemStatLearn/printings/ESLII\\_print10.pdf](http://statweb.stanford.edu/~tibs/ElemStatLearn/printings/ESLII_print10.pdf)

1. (ESL) Exercise 4.1
2. (ESL) Exercise 4.2
3. (ESL) Exercise 4.4
4. (ESL) Exercise 4.6
5. (ESL) Exercise 4.9 (need programming)