Background

Against the background of the spread of COVID-19, LiU has decided to activate distance mode. Co-workers and students should use distance work and distance study, and all exams on and after 18 March will be carried out as distance exams as far as possible.
https://insidan.liu.se/HR-Personal/coronavirus?l=en&sc=true

For the exam in course 723A99/TDDE01 Machine Learning on 2020-03-19, this will be implemented as a 5-hour take-home exam that you will solve on your own at home and submit your solutions via LISAM where you log in with your usual LiU-ID. The exam questions will be made available as a pdf file in LISAM at the start of the exam, and the submission closes at the end of the exam. To diminish the burden on LISAM during simultaneous access, the LISAM submission will

- Open 8:00 and close 13.15 for 732A99 students
- Open 8.20 and close 13.35 for TDDE01 students

Please avoid submitting the report last minute due to the system load. Submitting should be performed by doing these two steps (both steps!)

1. Sending the report as attachment to 732a99.tdde01@gmail.com **at latest 13.05** (732A99 students) and **at latest 13.25** (TDDE01 students). This is in order to have a reserve copy in case LISAM breaks down.
2. Submitting the same report at LISAM **at latest 13.15** (732A99 students) and **at latest 13.35** (TDDE01 students). The reports submitted through email and through LISAM must be identical.

Reports that are late or not submitted according to this procedure will not be considered.

If you encounter any technical issue you can contact the examiner via

- Zoom link https://liu-se.zoom.us/j/528885693 if you have **urgent** questions (you may use both call and message functions). Please do not overuse this opportunity without a real need.
- Email: oleg.sysoev@liu.se with topic "EXAM QUESTION" if you have other questions to Assignment 1 and 2 and jose.m.pena@liu.se with topic "EXAM QUESTION" if you have question regarding Assignment 3. These mails will be checked every whole hour (9.00, 10.00, 11.00, 12.00)

The exam report **should contain the oath of honor** (see below), your solutions and motivated answers, and the codes should be present in the Appendix (the end of the file).

You are supposed to submit ONE file having one of the following formats: DOC, DOCX, PDF, ODT, RTF. All other formats will not be accepted.

Oath of honor

The take-home exam is to be viewed as a regular exam with respect to allowed aids:

- The course books which you have with you either in the paper form or electronically
- Your help file which you have prepared in advance and which satisfies the requirements for the help file specified earlier in the course.

You are not allowed to use online resources, communicate with anyone except the examiner (over email or Zoom) during the exam hours, or in any other way take advantage of the situation.

Please include at the beginning of your report the following statement.
I solemnly swear that I wrote the exam honestly, I did not use any unpermitted aids, nor did I communicate with anybody except of the course examiners.

Your_Name Your_Surname

Preparations before the exam

Please install the following software on your computer:
- R and Rstudio and packages that you have used during the course, including:
  - Glmnet, cvTools, tree, rpart, party, randomForest, boot, fastICA, ggplot, dplyr, tidyr, kernlab, neuralnet, nnet, splines, fields, mgcv, gam, pamr, klaR, mboost, mvtnorm
- Zoom https://www.student.liu.se/itsupport/zoom-student?l=en Please read the instructions specified by this link carefully before the exam.
- A document processing software such as Word, Open Office, Libre Office, RMarkdown etc. Note that we will not be able to help you with issues related to RMarkdown during the exam so if you decide to use it you shall do it at your own risk.

After the exam - secure oral defense

Your report will be corrected, and a **conditional** grade will be published on LISAM. You should be prepared to defend your solutions orally via Zoom. Failure to do so may nullify your results of the exam. You will be notified separately via email if you need to defend your work orally. The defense request may come some days the after submission but at latest 2 weeks after the exam date. The grades become **final** only after they are reported to the Student Portal.