

IST Austria: Statistical Machine Learning 2015/16

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Exercise Sheet 5/5 (regular due date 28/04/16, final due date 05/05/16)

1 Final Project

Task 1) Participate successfully in the *IST Austria - Statistical Machine Learning 2016 - Final Project* competition at [kaggle.com](https://www.kaggle.com). 50% of your final grade will depend on the results you achieve here. It is completely up to you, which technique(s) you use. You can use external programs or your own implementation, etc. You can inspect the training data manually, subsample it if it's too large for your purposes, etc.

Do not look at the test data yourself, it should only be used to produce a submissions file that you can upload. Note: the challenge shows a public leaderboard. This score is compute from a part of the data you submit. The final score you'll receive will be from the remaining data.

Task 2) Write a short scientific report (1 to 2 pages) about how you achieved the submitted results. 50% of your final grade will depend on this report.

The description must make the process reproducible by which you achieved the results you submitted. In particular, include the algorithms you used as well as potential preprocessing (manual or automatic) and model selection steps.

Discussions and help amongst participants is encouraged. However, every course participant must enter her/his own results and write his/her own report.