

Machine Learning class (IELE4014): Homework 2 Report

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FINISH ME!

1 INTRODUCTION AND DATASET

Explain what is this paper about, the problems presented in the homework, and the data

The code implementing the training procedures, postprocessing and graphic analysis can be found in https://github.com/helq/mlclass_homework_2_SVMs.

2 PREPROCESSING

Explain about how you left a computer processing for two days all kernel operations for all strings, it was very expensive, but seemed to be worthy.

Remember to try to apply the string kernel to lists and not only to str

subsection, Training, testing and validation size datasets (look at first paper)

3 OPTIMIZATION/TRAINING ALGORITHM

I'm using nu SVMs with certain parameters, to find those parameters (for problem one and two, separately) I did a search grid

4 MODELS

Each of the models required by the problem, problem one and problem two

5 TRAINING

timings, and results of training in general, errors (generalization) and that stuff

6 ANALYSIS

Why did I probably get those results and what is my confidence and other stuff with them

7 CONCLUSIONS

what I think about svms then and now, where the problems hard or easy

8 APPENDIX

write a little on the details of your implementation of ssk, and how you needed to break the problem in smaller pieces to make everything be loadable in memory