Exercises: Pattern Recognition

Schedule HS2019

16.09	–	
23.09	(S) Probability Refresher, Ex 1	*Dennis*
30.09	(S) Ex1 feedback – no quiz	*Dennis*
07.10	(S) Ex 2	*Dennis*
14./15.10	**Exercise 2**: Skin detection with Normal distributions and Gaussian mixtures	*Moira, Genia, Cornelius*
21.10	(S) Ex 3	*Dennis*
28./29.10.	**Exercise 3**: Logistic Regression and Naïve Bayes	*Moira, Genia, Dana*
04.11	(S) Ex 4	*Dennis*
11./12.11	**Exercise 4**: Classification with SVMs	*Moira, Genia, Dana/Dennis*
18.11	(S) Ex 5	*Dennis*
25./26.11	**Exercise 5**: Neural Networks	*Moira, Genia, Dennis*
02.12	(S) Ex 6	*Dennis*
09./10.12	**Exercise 6**: Shape Models (PCA)	*Moira, Genia, Dana*
16.12	(S) General discussion and problems	*Dennis/Dana*

- (S): "Seminar", exercise introduction, questions & discussion, **Monday** 14:15 – 16:00 in U1.001
- Gray lines: Exercise quizzes in U1.001, **Monday 14:15 – 17:00** and **Tuesday 08:15 – 10:00** according to the group schedule (15 minutes only)
- One of us will be present during the discussion sessions to answer student questions
- New exercises are put online on Tuesdays after the last exercise has been examined

Grading

- We have a catalog of questions to answer, mixed theory and code results
- Points are rewarded for good answers, not for pretty code
- Groups of 3 students must be formed for the programming exercises
- All group members need to show up for the exercise quizzes
- Students can be graded individually in a group – everyone should have a good understanding of the complete exercise
- The presentation is 15 minutes maximum. Show up prepared with a running program and an overview of all results. Contact us early if you have compiler issues etc.

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