

Exercises: Pattern Recognition

Schedule

17.09	–	
24.09	(S) Probability Refresher, Ex 1	<i>Dennis</i>
01.10	Exercise 1: Normal distribution (discussion only)	<i>Dana, Dennis, Adam</i>
08.10	(S) Ex 2	<i>Dennis</i>
15./16.10	Exercise 2: Skin detection with Normal distributions and Gaussian mixtures	<i>Dana, Dennis, Adam</i>
22.10	(S) Ex 3	<i>Dennis</i>
29./30.10.	Exercise 3: Classification with SVMs	<i>Dana, Ghazi, Adam</i>
05.11	(S) Ex 4	<i>Dennis</i>
12./13.11	Exercise 4: Logistic Regression and Naïve Bayes	<i>Dana, Dennis, Adam</i>
19.11	(S) Ex 5	<i>Dennis</i>
26./27.11	Exercise 5: Shape Models (PCA)	<i>Dana, Ghazi, Dennis</i>
03.12	(S) Ex 6	<i>Dennis</i>
10./11.12	Exercise 6: Neural Networks	<i>Dana, Dennis, Adam</i>
17.12	(S) General discussion and problems	<i>Dennis, Adam</i>

- (S): “Seminar”, questions & discussion, **Monday 14 – 16** in U1.001
- Gray lines: Presentation of exercises in U1.001, **Monday 14 – 16** and **Tuesday 08 – 10** 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 code
- All group members need to show up for presentation
- Students can be graded individually in a group – all 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.