Intelligent Learning and Analysis Systems: Machine Learnig – Prof. Dr. Stefan Wrobel; Dr. Tamas Horvath
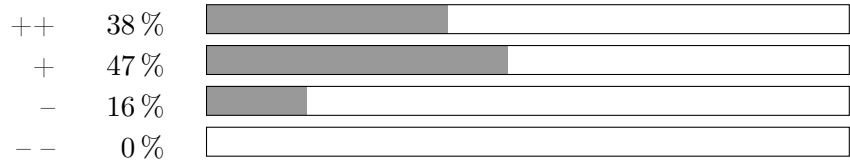
Lecture Survey – Fachschaft Informatik

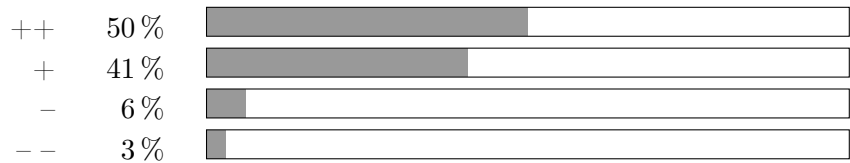7. März 2015

1 Lecture evaluation
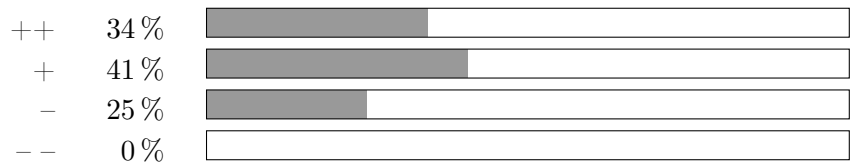
1.1 Please rate the lecture's presentation.

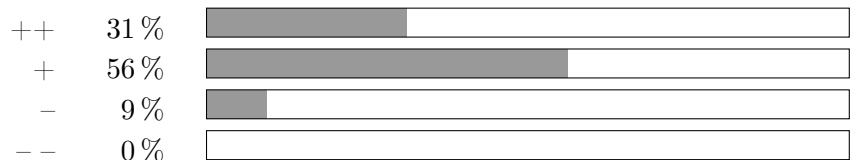### 1.1.1 Comprehensibility of the presented topics

++	38 %
+	47 %
−	16 %
−−	0 %

1.1.2 Structural ordering of topics (golden thread)

++	50 %
+	41 %
−	6 %
−−	3 %

1.1.3 Clarification of topics by given examples

++	34 %
+	41 %
−	25 %
−−	0 %

1.1.4 Comprehensibility of the lecturer's pronounciation

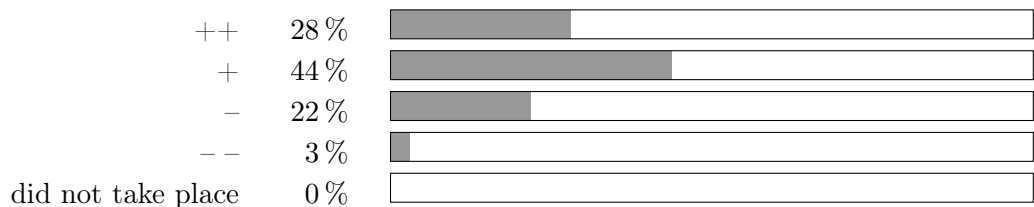|	
++	31 %
+	56 %
−	9 %
−−	0 %

2 Exercise group evaluation

2.1 Please rate the quality of the exercises groups offered for the lecture

2.1.1 Repetition of the course topics

++	41 %
+	38 %
−	13 %
−−	6 %
did not take place	3 %
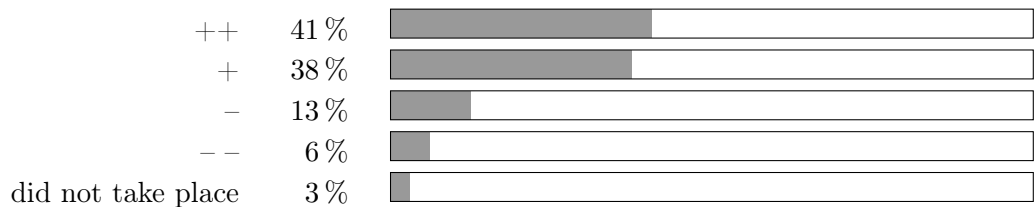
2.1.2 Clarification of questions regarding your course

++	28 %
+	44 %
−	22 %
−−	3 %
did not take place	0 %

2.1.3 Application of the contents of the course

++	44 %	
+	47 %	
−	9 %	
− −	0 %	
did not take place	0 %	
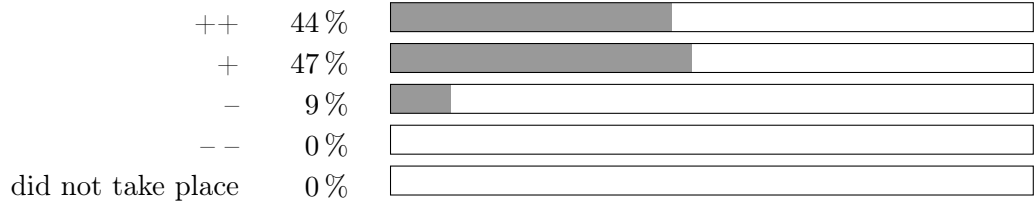
2.1.4 Presentation of solutions for exercises

++	41 %	
+	22 %	
−	22 %	
− −	16 %	
did not take place	0 %	
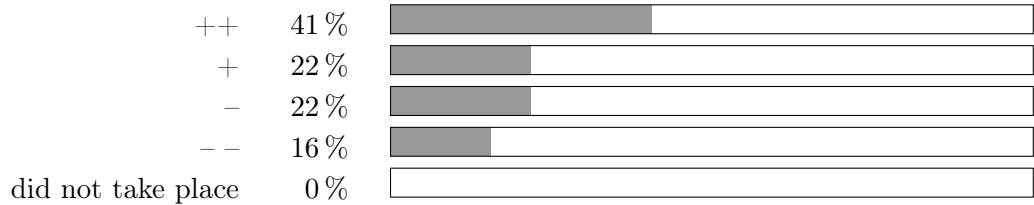
2.1.5 Preparation for the final exam (estimation)

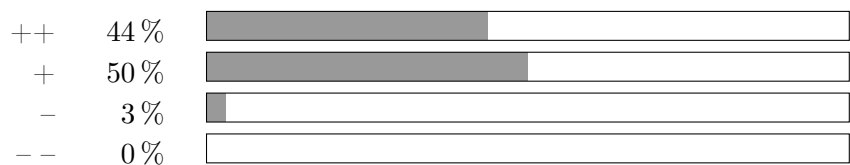|		
++	28 %	
+	38 %	
−	28 %	
− −	0 %	
did not take place	3 %	
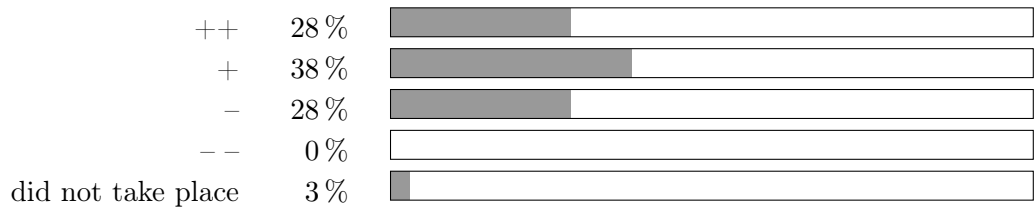
3 Evaluation of the course contents

3.1 Please rate the contents of the course (lecture and exercise groups)

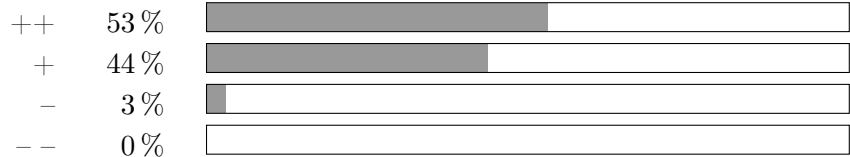### 3.1.1 The preconditioned contents of the course were adequately known to me

++	28 %	
+	47 %	
−	19 %	
− −	3 %	
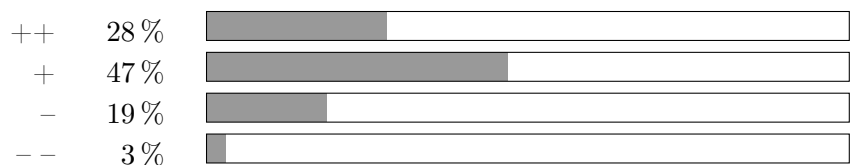
3.1.2 Within the course scientific methods and concepts have been imparted to me

++	44 %	
+	50 %	
−	3 %	
− −	0 %	

3.1.3 The contents of the course had a relation to practical problems

++	59 %	
+	34 %	
−	6 %	
− −	0 %	
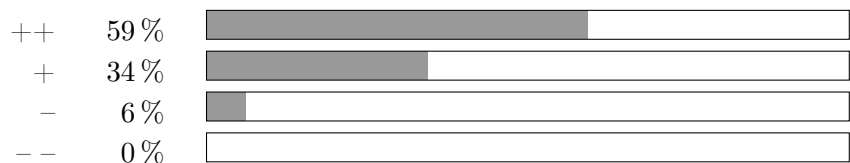
3.1.4 The course taught helpful knowledge and abilities that will be useful in later work life

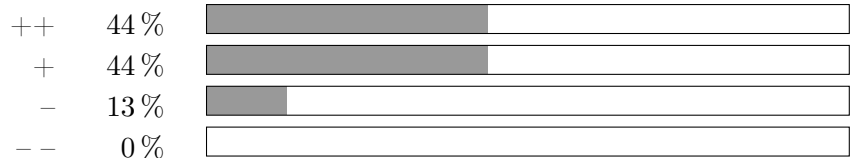|		
++	53 %	
+	44 %	
−	3 %	
− −	0 %	

4 Organisation of the course

4.1 Please rate the organisation of the course

4.1.1 The exercises were verbalised very well

++	47 %	
+	44 %	
−	9 %	
− −	0 %	
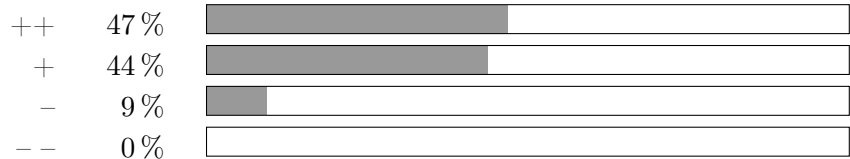
4.1.2 The concept of the course seemed to be well-thought-out

++	44 %	
+	44 %	
−	13 %	
− −	0 %	

4.1.3 Allocation of the exercise groups

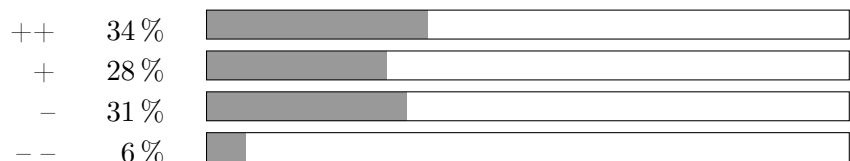|		
++	50 %	
+	31 %	
−	13 %	
− −	0 %	
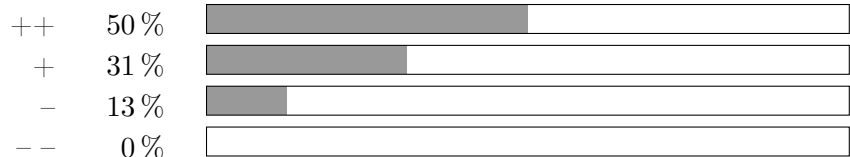
4.1.4 Quality and helpfulness of the course materials (slides, exercise sheets, lecture notes,...)

++	34 %	
+	28 %	
−	31 %	
− −	6 %	

4.1.5 Commitment and enthusiasm of the lecturer

++	50 %	
+	41 %	
−	6 %	
− −	0 %	
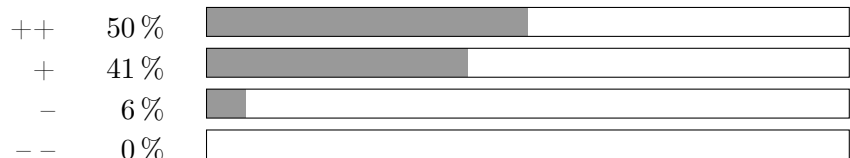
4.1.6 Availability of the course materials (eCampus, Website, ...)

++	59 %	
+	38 %	
−	0 %	
− −	0 %	
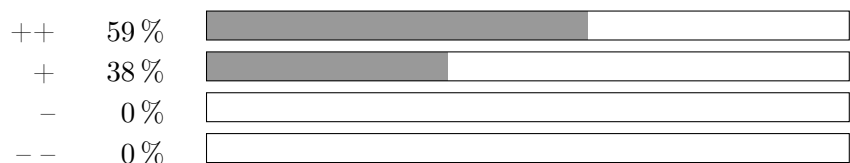
4.1.7 Satisfying number of exercise groups

++	50 %	
+	38 %	
−	9 %	
− −	3 %	
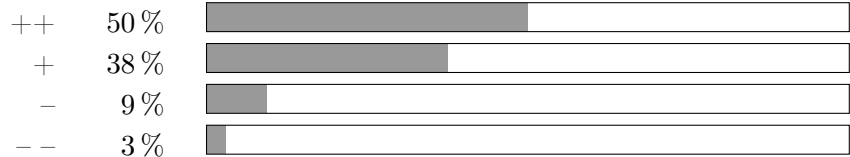
5 Effort and complexity

5.1 Please rate the following aspects regarding effort and complexity of the course.

5.1.1 speed of the proceeding
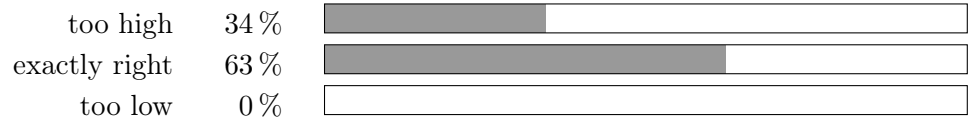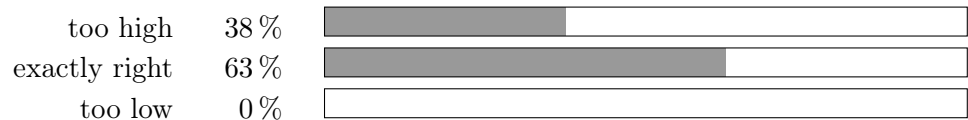
too high	28 %	
exactly right	72 %	
too low	0 %	
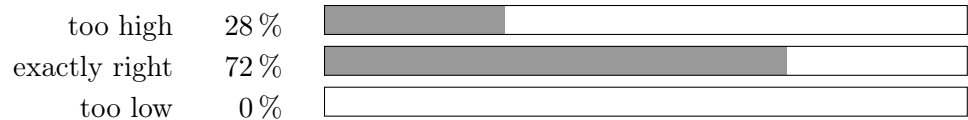
5.1.2 amount of material to be studied

too high	34 %	
exactly right	63 %	
too low	0 %	

5.1.3 effort for the preparation and revision of the lecture

too high	19 %	
exactly right	78 %	
too low	3 %	
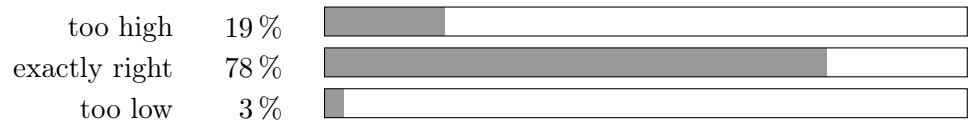
5.1.4 complexity of the lecture

too high	38 %	
exactly right	63 %	
too low	0 %	

5.1.5 complexity of the exercises

too high	28 %	
exactly right	75 %	
too low	0 %	
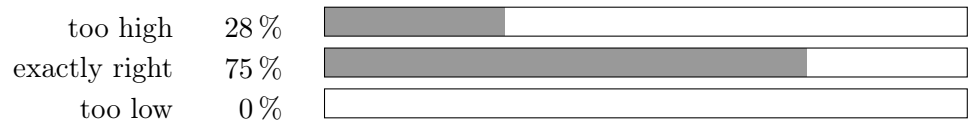
5.1.6 effort needed to solve the exercise/homework tasks

too high	34 %	
exactly right	59 %	
too low	3 %	
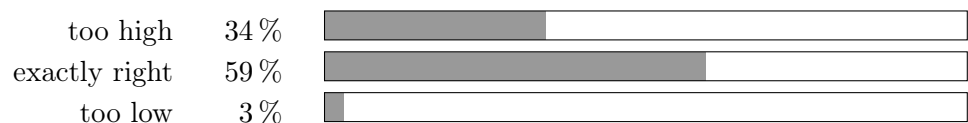
6 Comprehensive rating

6.1 Please rate your interest in the topics of the course before and after visiting the course.

6.1.1 Before visiting the course

extremely interested	22 %	
interested	69 %	
rather not interested	9 %	
almost not interested	0 %	

6.1.2 After visiting the course

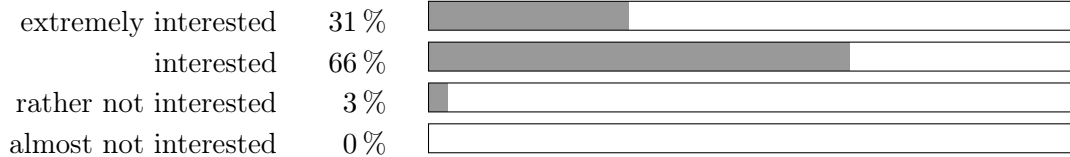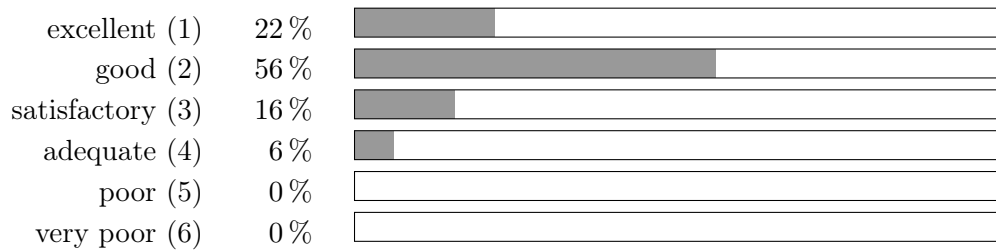|		
extremely interested	31 %	
interested	66 %	
rather not interested	3 %	
almost not interested	0 %	
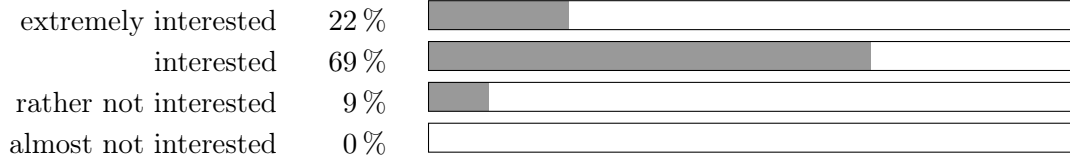
6.2 Please give an overall rating of the course on a scale from excellen (1) to very poor (6).

excellent (1)	22 %	
good (2)	56 %	
satisfactory (3)	16 %	
adequate (4)	6 %	
poor (5)	0 %	
very poor (6)	0 %	

7 Free text comments

7.1 Which aspects of the course did you like?

- Slides are clear and well done

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1. VERSION SPACES
2. NONLINEAR SVM

THE TOPICS WERE VERY GOOD

-> well teached lectures, well explained.

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covers a lot of basics about machine learning. And Gives an overall knowledge / understanding about the subject.

- lecturer
- slides
- exercises

All the materials presented are relevant.
Exercise sheets were helpful for understanding.

- lecturer explained very well and always made sure that everybody is on the same page

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Everything.

7.2 What could be improved?

- too many complex proves, not all students are mathematics

- More examples of every topic explained, not all have an example
Ef: Kernel

THE COURSE MATERIALS NEED TO BE A BIT MORE DESCRIPTIVE

Giving more concrete examples in the lecture
* revising the theoretical aspect from the lecture in the exercises.
* Giving more context to the material presented in the lecture, it was all too abstract (except maybe decision trees and K-nn, otherwise it was more like a set of math equations).
* very few practical exercises, most proofs are repetition of Bachelor algebra theorems / properties probability.

More clarification and more examples or theoretical topics.
Sometimes the pace was very fast.

-> More time for exercises, less complex. Consider we have duties besides Machine learning.

- slides could be more comprehensive

Presentation of exercises one week after submission, not immediately after submission!

Some additional materials (papers, articles) published on the course website could be helpful.

- the presentations of exercises were in most cases just the answers being pat on the board without further detailed explanation.
- the slides could be a little more detailed in order to be selfexplanatory which would help alot for studying
- lectures and exercises were mostly just proofs and less practical assignments. This ratio should be changed a little.
- (is a midterm necessary?)

7.3 You can leave remarks and feedback to our survey here.

QUINTESSENTIAL COURSE FOR ALL STATISTICAL LEARNING ASPIRANTS

It would be nice if they can share the correct solution via e-mail, apart from discussing it. (for Exercises).

Awesome Course, every one must take.

- The provement for one were too much. They wernt helpfull for understanding the subject but just to search the internet and find the provements
- The lectures hold by Dr. Horvath were somehow boring and the way he teached is rather boring.
- exercise classes didn't give the all answers sometimes not always, askes just from students to come to board and show thier solutions.