# Intelligent Learning and Analysis Systems: Machine Learning
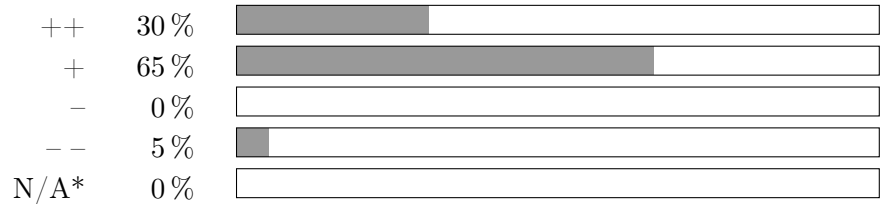
Prof. Stefan Wrobel, Dr. Tamas Horvath

7. Mai 2014
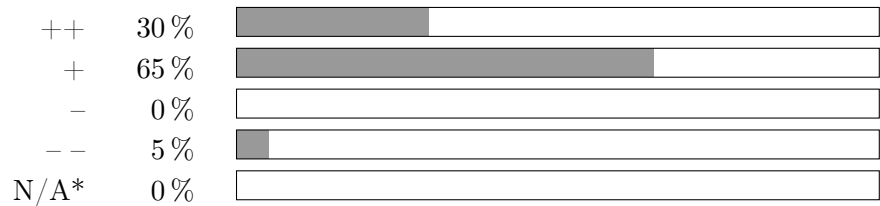
# 1 Multiple Choice

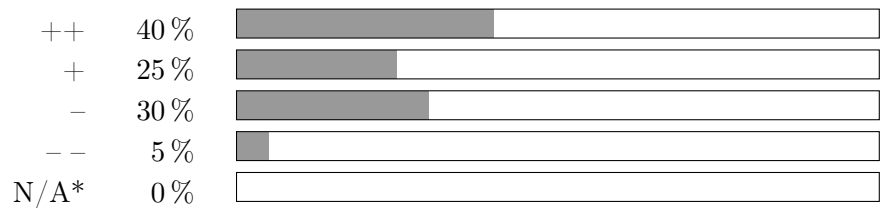## 1.1 Please rate the quality of the lecturer's teaching.

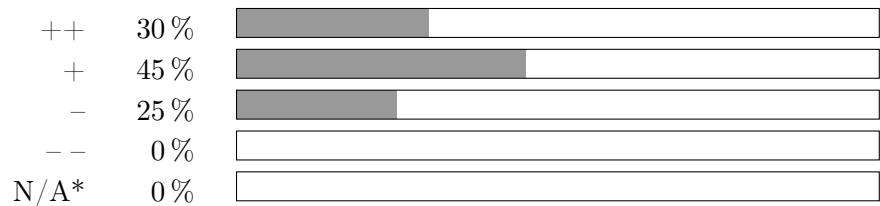### 1.1.1 Comprehensibility of the presented topics

| | | |
|---|---|---|
| ++ | 30 % | |
| + | 65 % | |
| − | 0 % | |
| − − | 5 % | |
| N/A* | 0 % | |

### 1.1.2 Structural ordering of topics (golden thread)

| | | |
|---|---|---|
| ++ | 30 % | |
| + | 65 % | |
| − | 0 % | |
| − − | 5 % | |
| N/A* | 0 % | |

### 1.1.3 Quality of the course material (slides, exercise sheets, lecture notes, . . . )

| | | |
|---|---|---|
| ++ | 40 % | |
| + | 25 % | |
| − | 30 % | |
| − − | 5 % | |
| N/A* | 0 % | |

### 1.1.4 Usefulness of the course material to prepare or review the presented topics

| | | |
|---|---|---|
| ++ | 30 % | |
| + | 45 % | |
| − | 25 % | |
| − − | 0 % | |
| N/A* | 0 % | |

### 1.1.5 Clarification of topics by given examples

| | | |
|---|---|---|
| ++ | 60 % | |
| + | 35 % | |
| − | 0 % | |
| − − | 5 % | |
| N/A* | 0 % | |
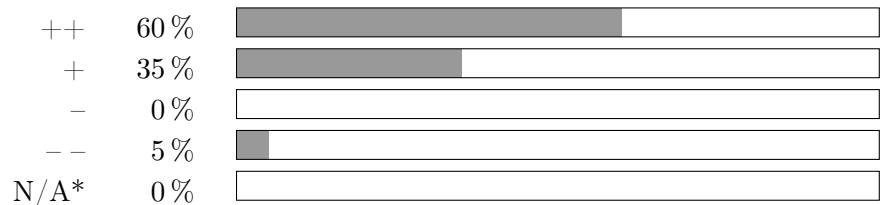
### 1.1.6 Commitment and enthusiasm of the lecturer

| | | |
|---|---|---|
| ++ | 80 % | |
| + | 20 % | |
| − | 0 % | |
| − − | 0 % | |
| N/A* | 0 % | |
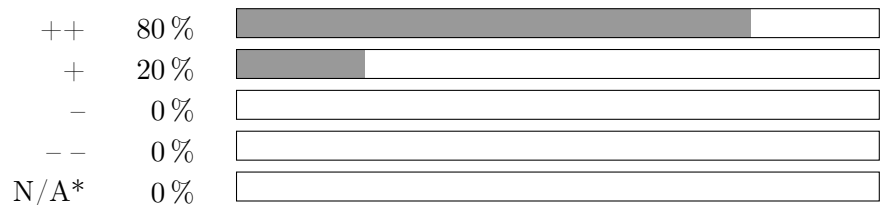
## 1.2 Please rate the organisation of the course.

### 1.2.1 Allocation of the exercise groups

| | | |
|---:|---:|---|
| ++ | 55 % | |
| + | 35 % | |
| − | 5 % | |
| − − | 5 % | |
| N/A* | 0 % | |
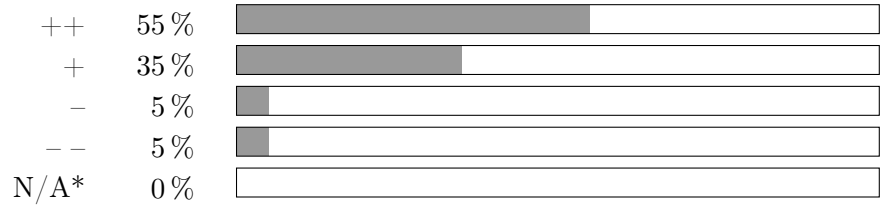
### 1.2.2 Availability of the course materials (eCampus, Website, . . . )

| | | |
|---:|---:|---|
| ++ | 60 % | |
| + | 35 % | |
| − | 5 % | |
| − − | 0 % | |
| N/A* | 0 % | |
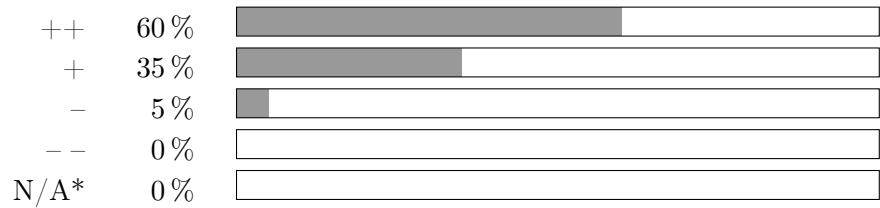
### 1.2.3 Satisfying number of exercise groups

| | | |
|---:|---:|---|
| ++ | 65 % | |
| + | 20 % | |
| − | 10 % | |
| − − | 5 % | |
| N/A* | 0 % | |
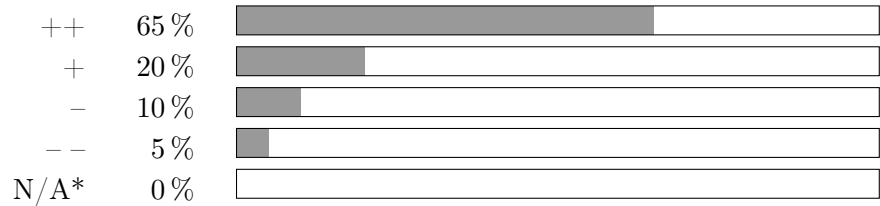
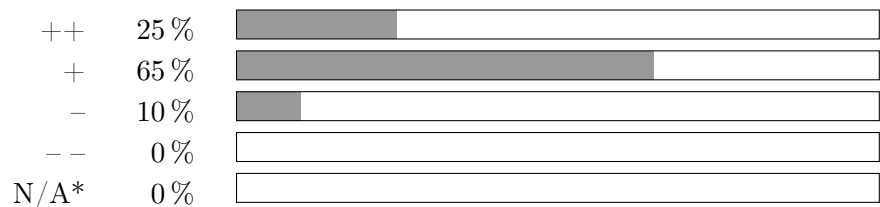## 1.3 Please rate how the following statements fit your opinion.

### 1.3.1 The organisation of the course seemed to be well-thought-out

| | | |
|---:|---:|---|
| ++ | 35 % | |
| + | 60 % | |
| − | 0 % | |
| − − | 5 % | |
| N/A* | 0 % | |
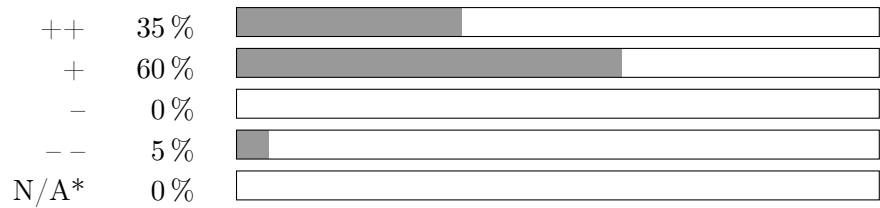
### 1.3.2 The exercises/homework tasks were verbalised very well

| | | |
|---:|---:|---|
| ++ | 25 % | |
| + | 65 % | |
| − | 10 % | |
| − − | 0 % | |
| N/A* | 0 % | |

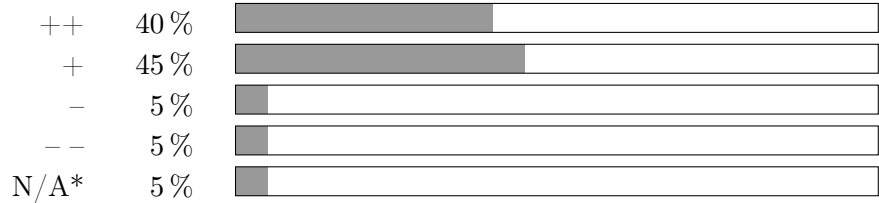### 1.3.3 The preconditioned contents of this course were adequately known to me

| | | |
|---:|---:|:---|
| ++ | 45 % | |
| + | 30 % | |
| − | 20 % | |
| −− | 0 % | |
| N/A* | 5 % | |
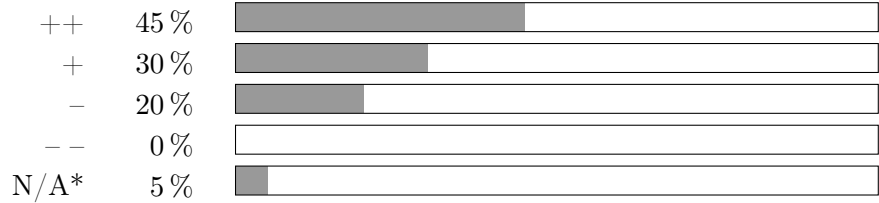
### 1.3.4 Within the course scientific methods and concepts have been imparted to me

| | | |
|---:|---:|:---|
| ++ | 40 % | |
| + | 45 % | |
| − | 5 % | |
| −− | 5 % | |
| N/A* | 5 % | |

### 1.3.5 The contents of the course had a relation to practical problems

| | | |
|---:|---:|:---|
| ++ | 65 % | |
| + | 35 % | |
| − | 0 % | |
| −− | 0 % | |
| N/A* | 0 % | |
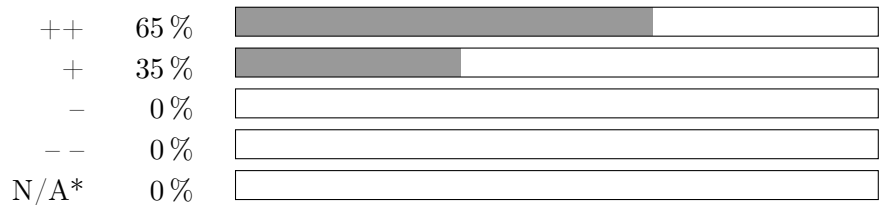
### 1.3.6 In this course I have been taught helpful knowledge and abilities which I can use in my later work life

| | | |
|---:|---:|:---|
| ++ | 45 % | |
| + | 35 % | |
| − | 10 % | |
| −− | 5 % | |
| N/A* | 5 % | |
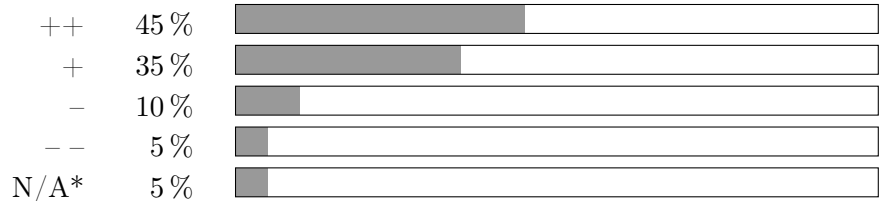
### 1.4 Please estimate the effort and complexity of this course.

### 1.4.1 The speed of the proceeding was...

| | | |
|---:|---:|:---|
| too high | 30 % | |
| exactly right | 60 % | |
| too low | 10 % | |
| N/A* | 0 % | |
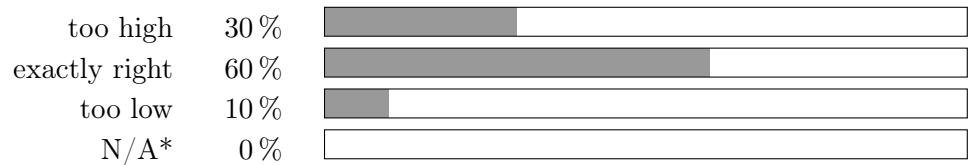
### 1.4.2 The amount of material to be studied was...

| | | |
|---:|---:|:---|
| too high | 30 % | |
| exactly right | 70 % | |
| too low | 0 % | |
| N/A* | 0 % | |
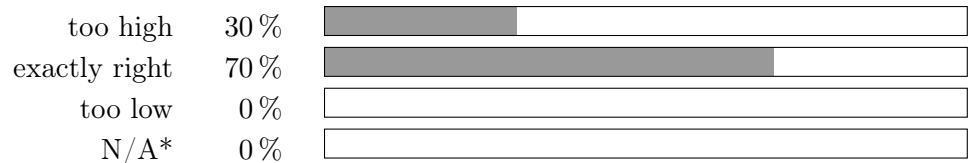
### 1.4.3 The complexity of the lecture was. . .

| | | |
|---|---|---|
| too high | 50 % | |
| exactly right | 40 % | |
| too low | 10 % | |
| N/A* | 0 % | |
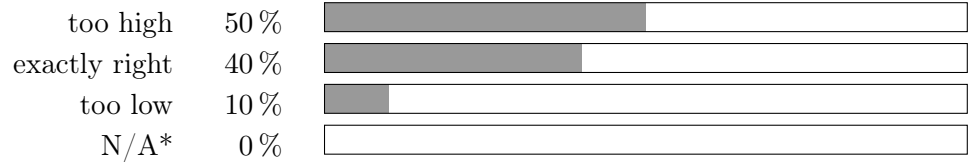
### 1.4.4 The complexity of the exercise was. . .

| | | |
|---|---|---|
| too high | 20 % | |
| exactly right | 70 % | |
| too low | 10 % | |
| N/A* | 0 % | |
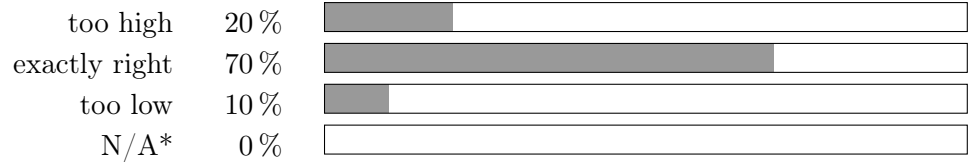
### 1.4.5 The effort needed to solve ther exercises/homework tasks was. . .

| | | |
|---|---|---|
| too high | 25 % | |
| exactly right | 70 % | |
| too low | 5 % | |
| N/A* | 0 % | |
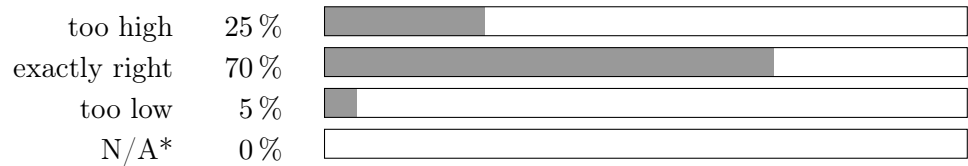
### 1.4.6 The effort for the preparation and revision of the lecture was. . .

| | | |
|---|---|---|
| too high | 25 % | |
| exactly right | 65 % | |
| too low | 10 % | |
| N/A* | 0 % | |
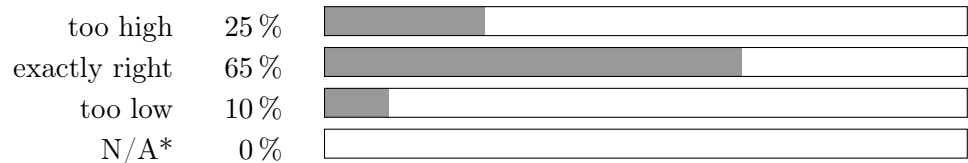
## 1.5 Please rank the size of the rooms and exercise groups.

### 1.5.1 The lecture room was. . .

| | | |
|---|---|---|
| too big | 0 % | |
| appropriate | 100 % | |
| too small | 0 % | |
| N/A* | 0 % | |
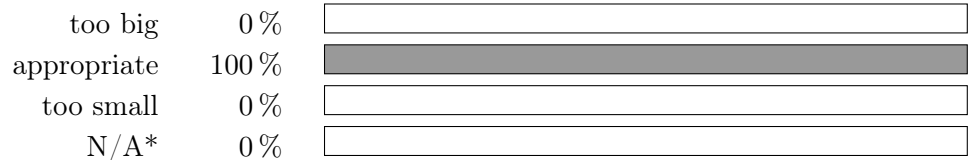
### 1.5.2 The exercise room was. . .

| | | |
|---|---|---|
| too big | 0 % | |
| appropriate | 90 % | |
| too small | 10 % | |
| N/A* | 0 % | |
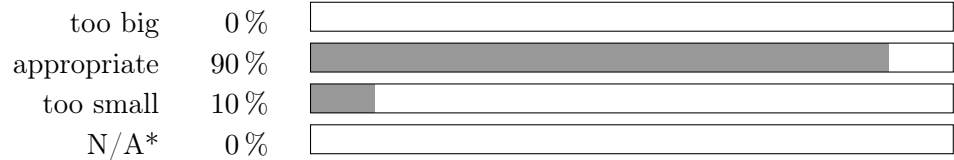
### 1.5.3 The size of the exercise group was. . .

| | | |
|---|---|---|
| too big | 15 % | |
| appropriate | 85 % | |
| too small | 0 % | |
| N/A* | 0 % | |
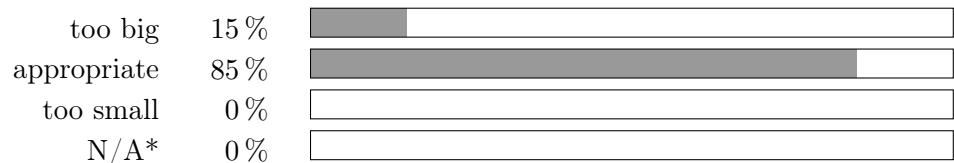
## 1.6 Please assess the value of the exercise groups to help understanding the presented topics.
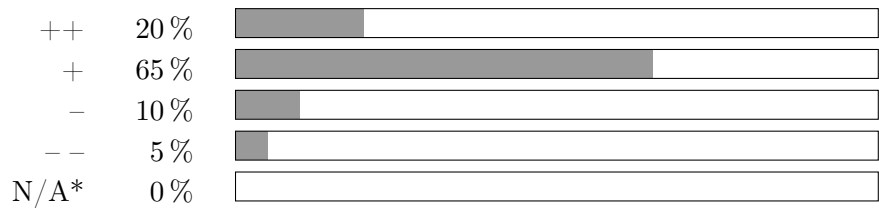
### 1.6.1 Repetition of the course topics
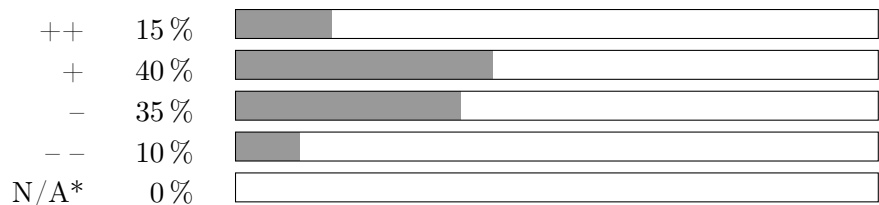
| | | |
|---|---|---|
| ++ | 25 % | |
| + | 30 % | |
| − | 35 % | |
| − − | 10 % | |
| N/A* | 0 % | |
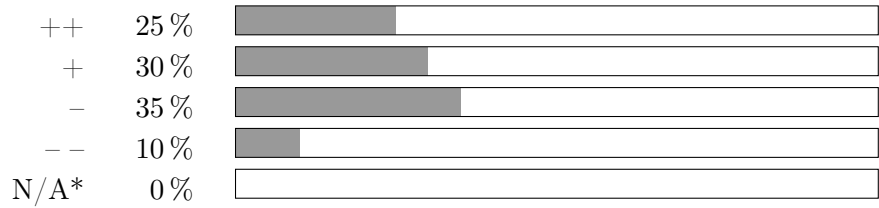
### 1.6.2 Clarification of questions regarding the course

| | | |
|---|---|---|
| ++ | 20 % | |
| + | 65 % | |
| − | 10 % | |
| − − | 5 % | |
| N/A* | 0 % | |

### 1.6.3 Application of the contents of the course

| | | |
|---|---|---|
| ++ | 20 % | |
| + | 80 % | |
| − | 0 % | |
| − − | 0 % | |
| N/A* | 0 % | |
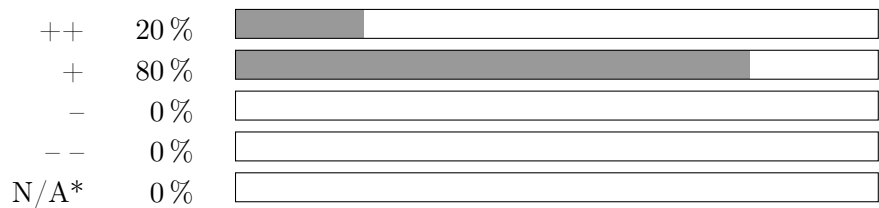
### 1.6.4 Presentation of solutions for exercises

| | | |
|---|---|---|
| ++ | 15 % | |
| + | 40 % | |
| − | 35 % | |
| − − | 10 % | |
| N/A* | 0 % | |

### 1.6.5 Preparation for the final exam (estimation)

| | | |
|---|---|---|
| ++ | 15 % | |
| + | 35 % | |
| − | 35 % | |
| − − | 5 % | |
| N/A* | 10 % | |
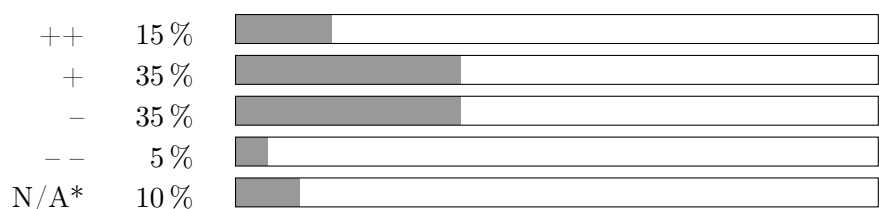
## 1.7 Please compare your interest in the topics of the course before visiting the course.

| Extremely interested – Almost not interested | 35 % | 60 % | 5 % | 0 % | 0 % |
|---|---|---|---|---|---|

Antworten: 20
Durchschnitt: 1.7
Standardabweichung: 0.6
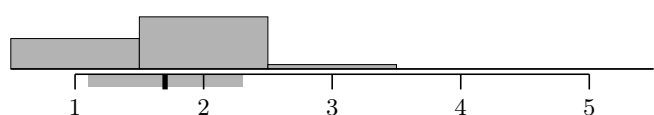
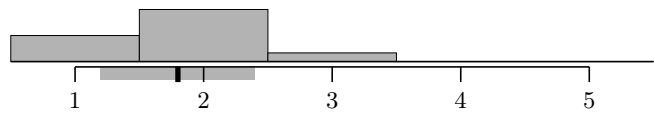**1.8 Please rate your interest in the topics of the course after visiting the course.**

Extremely interested – Almost not interested       30 %       60 %       10 %       0 %       0 %
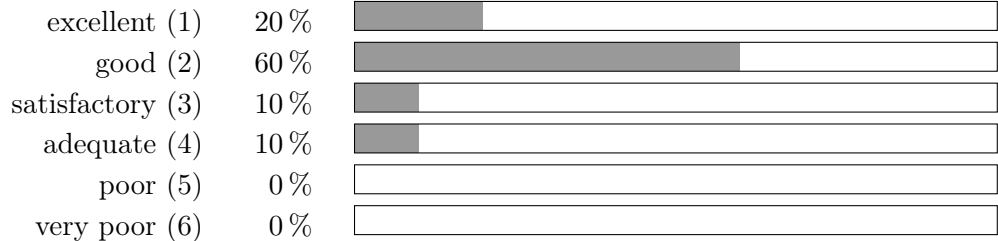
Antworten: 20
Durchschnitt: 1.8
Standardabweichung: 0.6



**1.9 please give an overall rating of the course on a scale from excellent(1) to very poor(6).**

| | | |
|---|---|---|
| excellent (1) | 20 % | |
| good (2) | 60 % | |
| satisfactory (3) | 10 % | |
| adequate (4) | 10 % | |
| poor (5) | 0 % | |
| very poor (6) | 0 % | |

**1.10 Which things of the course did you like?**

The professors are enthusiastic and responsible. The topics are pretty updated.

The topics are interesting, state-of-the-art . Explanations are deep, but with a broad point of view.

Highly interesting topics. Formalizations adequate

lecture by Dr. Tamas was not helpful.

- Interesting topic in general
- Good quality of most slides

The theory is fully notified.

S. Wrobels lecture

Prof. Wrobel is a good teacher, it is easy to follow his explanations. Lecture of Tamas Horvath were more difficult to understand.

**1.11 What could be improved?**

have only as much material that you can fit into the lecture. Basic stuff was teached very slowly and all complex was rushed in two weeks before the exam!

This lecture room was not well designed. It's not comfortable to sit down and look up.

More mathematical backgrounds might be helpful to give to students.

The tutor Pascal could actually be prepared. That would help.

More programming!

- Too much content in some lecture dates. Tamas had to skip a lot of slides.
- It would be more appropriate as a 9 CP subject.

Exercises should not be at the same day with the lecture. It would be better for us to have exercise class when we got our marked exercise at hand.

- The midterm exam could be part of the regular examine sheets instead of being an exam before the exam.
- the actual exam (see below)

More pratctical assignment

- The slides and materials given are not very descriptive. So its contents can be more descriptive to clearly understand from it.
- Solutions to the exercise should be provided, for future reference by the student for preparing for exams.

Uploading the solutions of all of the exercises.

## 1.12 You can leave remarks and feedback to our survey here.

Please do an online survey after the exam period!

The exam is far too hard. This is because very often tasks from the exercise group are reused instead of asking more general questions like definition. There are just too many possible exercise questions that could be selected. The obvious solution is to be good at everything but also keep in mind that this module only gives 6 credit points.