

Humanoid Robotics – Prof. Dr. Maren Bennewitz

Lecture Survey – Fachschaft Informatik

4. September 2015

1 Lecture Evaluation

1.1 Please rate the lecture's concept.

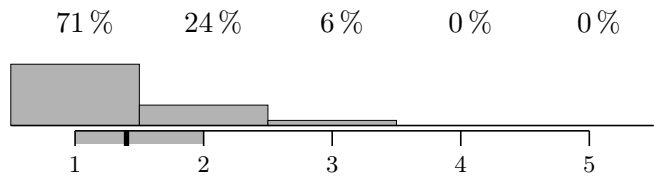
1.1.1 How often did you attend the lecture?

Always – Never

Antworten: 17

Durchschnitt: 1.4

Standardabweichung: 0.6



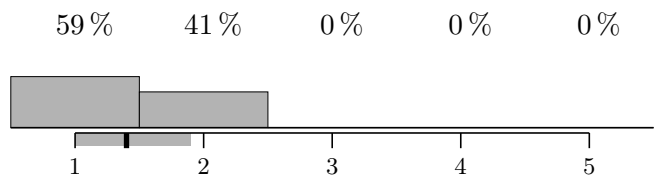
1.1.2 Did the lecture appear to be clearly structured to you?

Yes – No

Antworten: 17

Durchschnitt: 1.4

Standardabweichung: 0.5



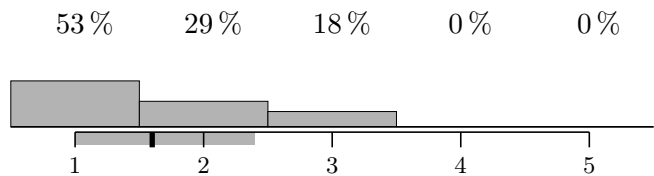
1.1.3 Have topics been illustrated by sensible examples?

Always – Never

Antworten: 17

Durchschnitt: 1.6

Standardabweichung: 0.8



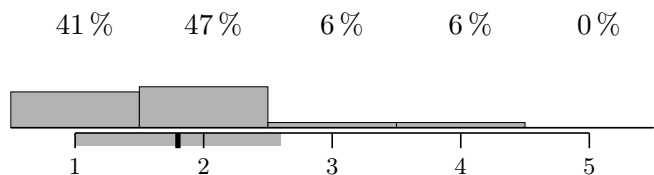
1.1.4 Were the slides/lecture notes helpful?

Very helpful – Not helpful

Antworten: 17

Durchschnitt: 1.8

Standardabweichung: 0.8



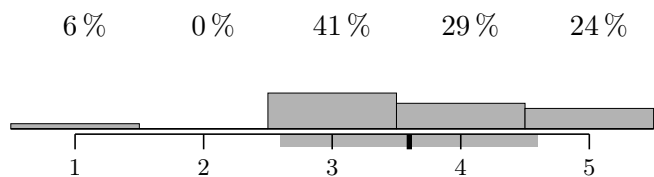
1.1.5 Have there been topics that should have been explained more extensively?

Many – None

Antworten: 17

Durchschnitt: 3.6

Standardabweichung: 1.0



2 Lecturer Evaluation

2.1 Please rate Prof. Dr. Maren Bennewitz.

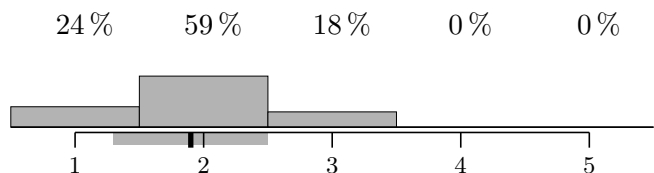
2.1.1 How much of the content do you understand during the lecture?

Everything – Nothing

Antworten: 17

Durchschnitt: 1.9

Standardabweichung: 0.6



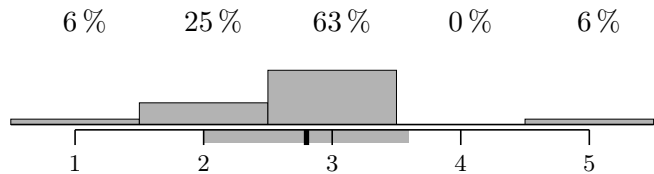
2.1.2 The speed of proceeding was...

Too fast – Too slow

Antworten: 16

Durchschnitt: 2.8

Standardabweichung: 0.8



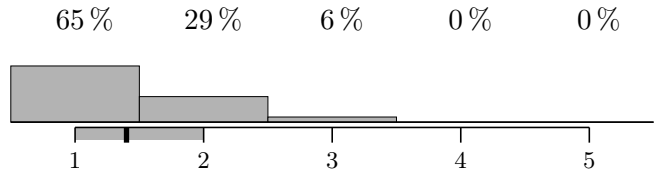
2.1.3 Did the lecturer answer your questions profoundly?

Always – Never

Antworten: 17

Durchschnitt: 1.4

Standardabweichung: 0.6



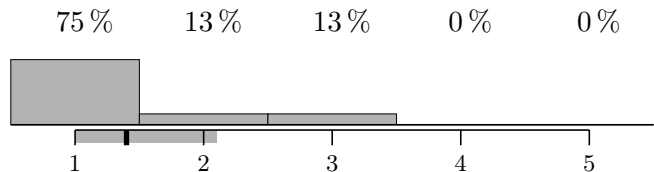
2.1.4 Was the lecturer available for questions outside of the lecture?

Always – Never

Antworten: 16

Durchschnitt: 1.4

Standardabweichung: 0.7



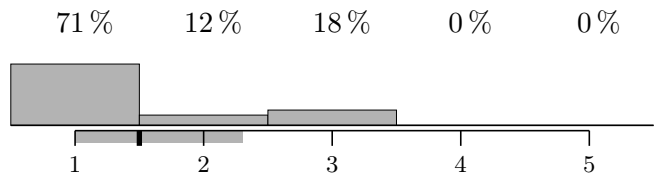
2.1.5 Could you understand the lecturer acoustically?

Very well – Not at all

Antworten: 17

Durchschnitt: 1.5

Standardabweichung: 0.8



3 Exercise Evaluation

3.1 Please rate the quality of the exercises that accompanied the lecture.

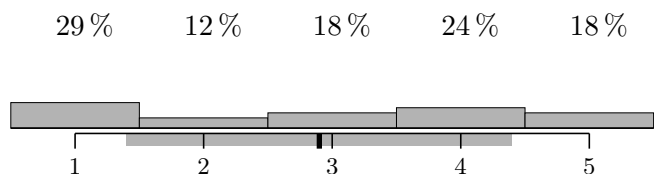
3.1.1 How often did you attend the exercise class?

Always – Never

Antworten: 17

Durchschnitt: 2.9

Standardabweichung: 1.5



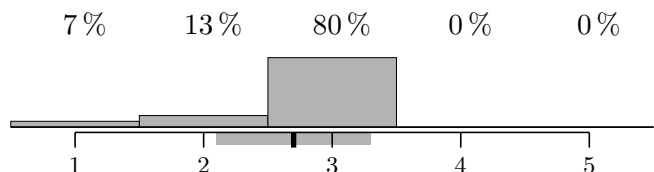
3.1.2 Did the contents of the exercises match the current contents of the lecture?

Lecture far ahead – Lecture far behind

Antworten: 15

Durchschnitt: 2.7

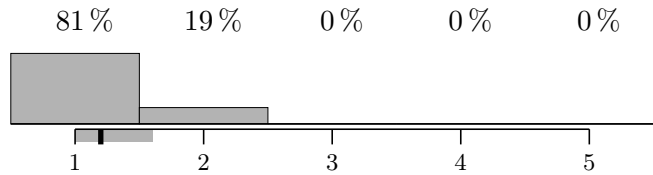
Standardabweichung: 0.6



3.1.3 Have the exercise sheets been available on time?

Always – Never

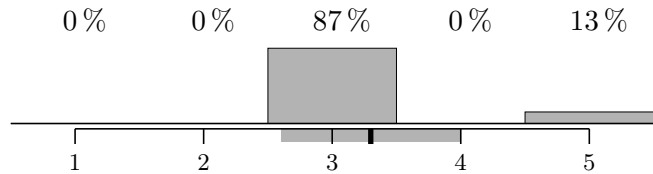
Antworten: 16
Durchschnitt: 1.2
Standardabweichung: 0.4



3.1.4 Judge the size of your exercise group!

Too big – Too small

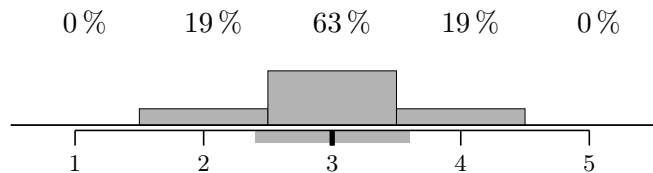
Antworten: 15
Durchschnitt: 3.3
Standardabweichung: 0.7



3.1.5 Usually I thought the exercises were...

Too difficult – Very easy

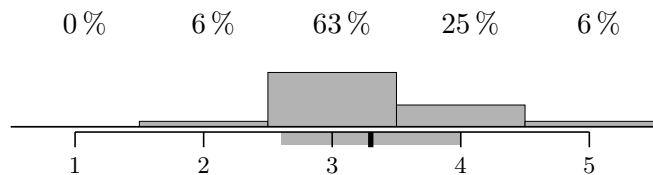
Antworten: 16
Durchschnitt: 3.0
Standardabweichung: 0.6



3.1.6 The difficulty of the exercises varied...

Greatly – Not at all

Antworten: 16
Durchschnitt: 3.3
Standardabweichung: 0.7



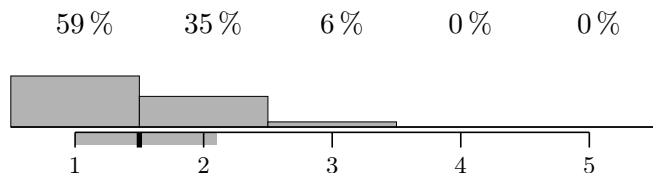
4 Module Evaluation

4.1 Please rate the module as a whole.

4.1.1 Did the course teach you helpful knowledge and abilities that will be useful in later work life?

Much – Nothing

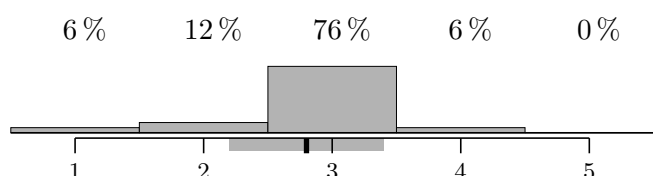
Antworten: 17
Durchschnitt: 1.5
Standardabweichung: 0.6



4.1.2 In relation to the number of credit points awarded, is the amount of work to be done justified?

Too high – Too low

Antworten: 17
Durchschnitt: 2.8
Standardabweichung: 0.6



4.1.3 Do the obligatory course achievements support successful completion of the module?

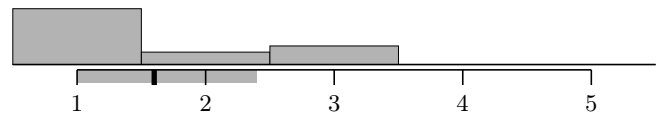
Yes – No

64% 14% 21% 0% 0%

Antworten: 14

Durchschnitt: 1.6

Standardabweichung: 0.8



4.1.4 Do you think the obligatory course achievements are adequate?

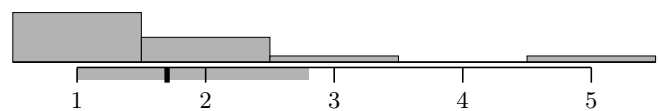
Yes – No

57% 29% 7% 0% 7%

Antworten: 14

Durchschnitt: 1.7

Standardabweichung: 1.1



4.1.5 Did your interest in this module's field of study change?

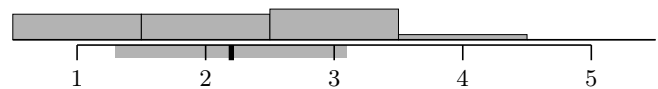
Strongly inc. – Strongly dec.

29% 29% 35% 6% 0%

Antworten: 17

Durchschnitt: 2.2

Standardabweichung: 0.9



4.1.6 Would you recommend taking this module to your best friend?

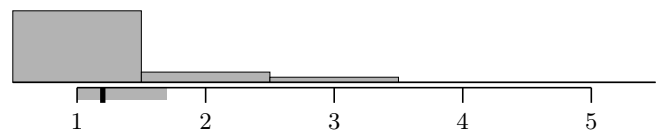
Yes – No

82% 12% 6% 0% 0%

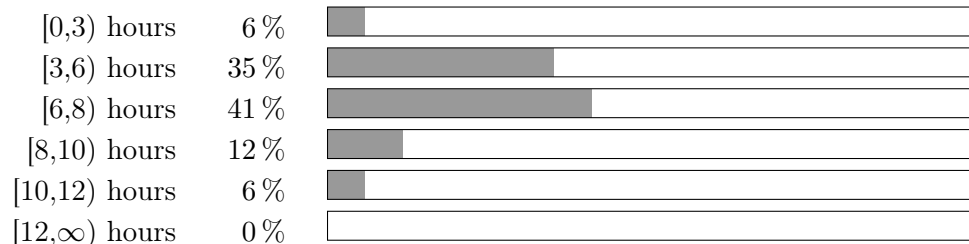
Antworten: 17

Durchschnitt: 1.2

Standardabweichung: 0.5



4.2 How much time did you spend on this module every week, including lecture, exercises, exercise tasks...?



5 Exercise Class Evaluation

5.1 Please rate the exercise class you visited.

5.1.1 Has the tutor been available for questions outside of the tutorial?

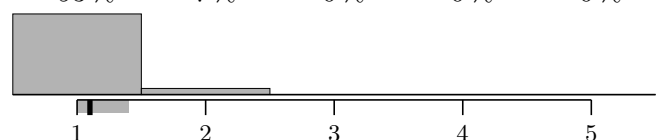
Always – Never

93% 7% 0% 0% 0%

Antworten: 14

Durchschnitt: 1.1

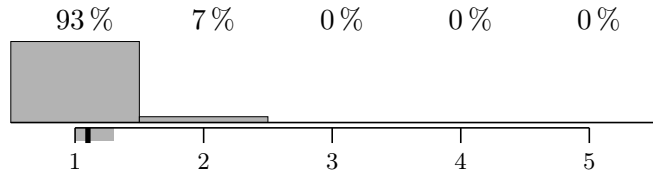
Standardabweichung: 0.3



5.1.2 Could you understand your tutor's corrections and gradings?

Always – Never

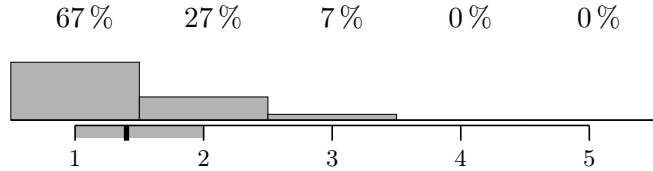
Antworten: 15
 Durchschnitt: 1.1
 Standardabweichung: 0.2



5.1.3 Did the tutor manage to handle all the relevant content in the exercise class?

Always – Never

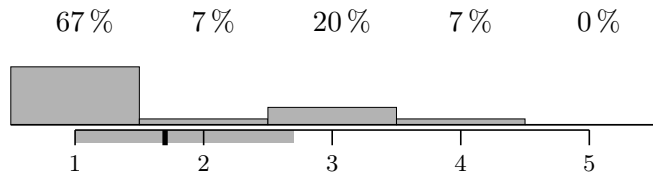
Antworten: 15
 Durchschnitt: 1.4
 Standardabweichung: 0.6



5.1.4 Would you recommend visiting this exercise class?

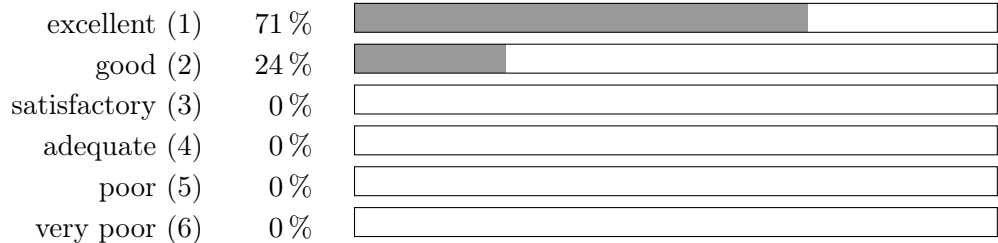
Yes – No

Antworten: 15
 Durchschnitt: 1.7
 Standardabweichung: 1.0



6 Comprehensive Rating

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



7 Free Text Comments

7.1 Which aspects of the course did you like?

- * The exercises is related to the lecture
- * The variety of topics
- *The content was explained in not deep details

The variety of topics was interesting, it helped me also to have taken cognitive robotics to understand more easilly.

The professor <3

Course content and the way the course is structured

- Lecturer explains well and is motivated

Tutor & Professor were motivated and answered questions.

Very well prepared exercise sheets

- Lecturer well to understand
 - good pace, nor too fast, nor too slow
 - Really good Exercise Organisation (Unit Tests)
-

Very good framework (test cases, visualisations of the results)
A lot of different concepts out of the humanoid robotics

- the unit test for testing the exercise solution by yourself

7.2 What could be improved?

- * The exercise must be mandatory
 - * The humanoid robotics part should have larger part & time, so I suggest to split the lecture into 2 lectures (General Knowledge, Humanoid)
-

The first topic about camera calibration was a little confusing to me. The vest was good.

speed of proceeding is too fast.
More examples explaining the Math.

- Quite some overlap with other lectures like log.Robotics
-

Some mathematical stuff need more examples and explanations on the slides

7.3 You can leave remarks and further feedback here.

To make videos like Unifreiburg would be awesome. Prof Bennewitz explains very well and I guess not just Unibonn but students around the world would consider it interesting.

The exercises were very well prepared and provided unit tests to see it correct.

- top course for robotics

Lecturers' Questionnaire

This part contains data provided by the lecturers.

1 Lecture metadata

Number of students in the lecture at the beginning of the semester	35
Number of students in the lecture at the end of the semester	25
Number of students participating in the exercise classes at the beginning of the semester	25
Number of students participating in the exercise classes at the end of the semester	15
Number of students that have registered for the exam	25

2 Exercise classes

Number of exercise classes	1
Average number of students per exercise class at the end of the semester	15

The students have been assigned to an exercise class in the following way:

Not applicable: There is only one exercise class.

3 Helpful stuff

There has been **no** test exam.

Sample solutions for exercise tasks have been distributed.

4 Free text comments

4.1 In your opinion, what aspects of the module worked well this semester?

Almost everything.

Online submitting and evaluation system for the exercises.

4.2 What would you change if you were to offer this module again and why?

Provide the slides earlier to the students. But they were finished only the evening before...

Slower introduction into the topic at the beginning of the semester.

4.3 In case there have been obligatory course achievements: Please judge on their effectivity regarding the learning success of the students.

No obligatory course achievements.

4.4 Further remarks

It was a lot of fun!

Nice and motivated students.