

# Robot Learning – Prof. Dr. Sven Behnke

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?

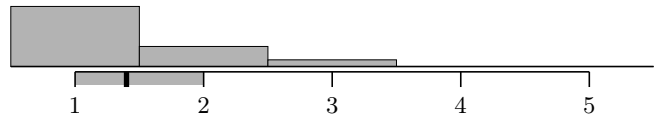
Always – Never

69% 23% 8% 0% 0%

Antworten: 13

Durchschnitt: 1.4

Standardabweichung: 0.6



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

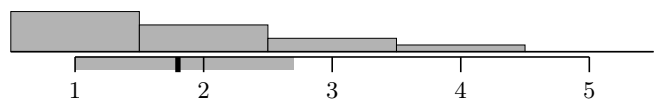
Yes – No

46% 31% 15% 8% 0%

Antworten: 13

Durchschnitt: 1.8

Standardabweichung: 0.9



#### 1.1.3 Have topics been illustrated by sensible examples?

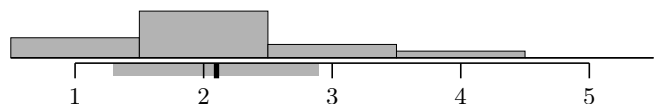
Always – Never

23% 54% 15% 8% 0%

Antworten: 13

Durchschnitt: 2.1

Standardabweichung: 0.8



#### 1.1.4 Were the slides/lecture notes helpful?

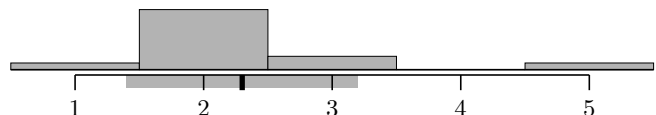
Very helpful – Not helpful

8% 69% 15% 0% 8%

Antworten: 13

Durchschnitt: 2.3

Standardabweichung: 0.9



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

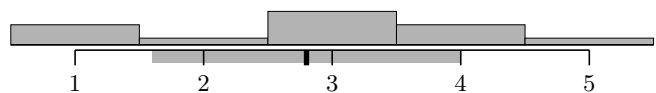
Many – None

23% 8% 38% 23% 8%

Antworten: 13

Durchschnitt: 2.8

Standardabweichung: 1.2



## 2 Lecturer Evaluation

### 2.1 Please rate Prof. Dr. Sven Behnke.

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

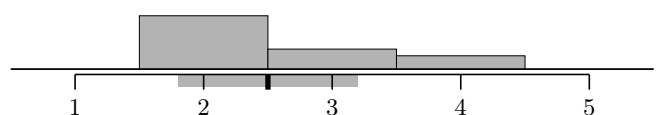
Everything – Nothing

0% 62% 23% 15% 0%

Antworten: 13

Durchschnitt: 2.5

Standardabweichung: 0.7



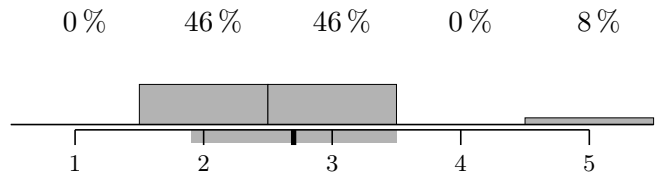
### 2.1.2 The speed of proceeding was...

Too fast – Too slow

Antworten: 13

Durchschnitt: 2.7

Standardabweichung: 0.8



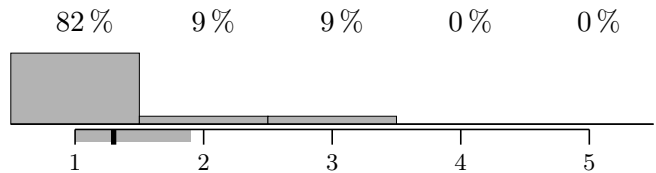
### 2.1.3 Did the lecturer answer your questions profoundly?

Always – Never

Antworten: 11

Durchschnitt: 1.3

Standardabweichung: 0.6



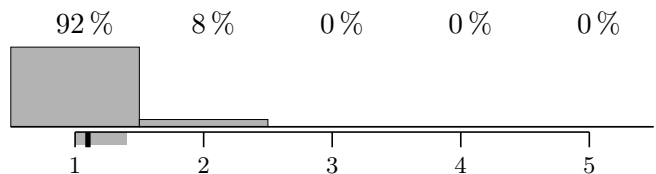
### 2.1.4 Was the lecturer available for questions outside of the lecture?

Always – Never

Antworten: 12

Durchschnitt: 1.1

Standardabweichung: 0.3



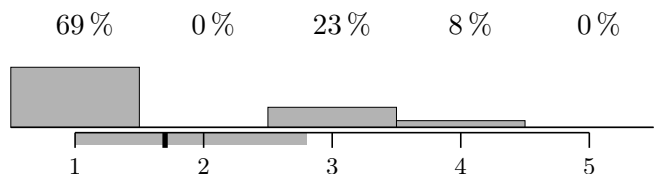
### 2.1.5 Could you understand the lecturer acoustically?

Very well – Not at all

Antworten: 13

Durchschnitt: 1.7

Standardabweichung: 1.1



## 3 Exercise Evaluation

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

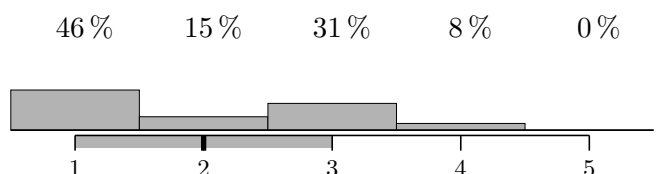
#### 3.1.1 How often did you attend the exercise class?

Always – Never

Antworten: 13

Durchschnitt: 2.0

Standardabweichung: 1.0



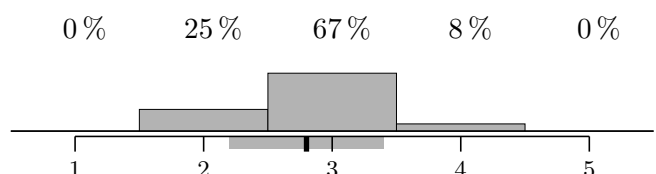
#### 3.1.2 Did the contents of the exercises match the current contents of the lecture?

Lecture far ahead – Lecture far behind

Antworten: 12

Durchschnitt: 2.8

Standardabweichung: 0.6



### 3.1.3 Have the exercise sheets been available on time?

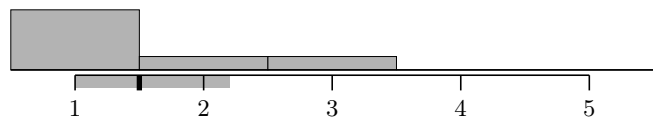
Always – Never

69% 15% 15% 0% 0%

Antworten: 13

Durchschnitt: 1.5

Standardabweichung: 0.7



### 3.1.4 Judge the size of your exercise group!

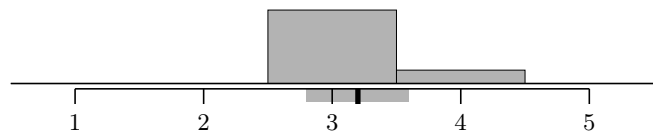
Too big – Too small

0% 0% 85% 15% 0%

Antworten: 13

Durchschnitt: 3.2

Standardabweichung: 0.4



### 3.1.5 Usually I thought the exercises were...

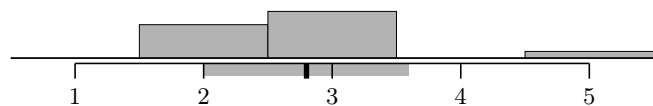
Too difficult – Very easy

0% 38% 54% 0% 8%

Antworten: 13

Durchschnitt: 2.8

Standardabweichung: 0.8



### 3.1.6 The difficulty of the exercises varied...

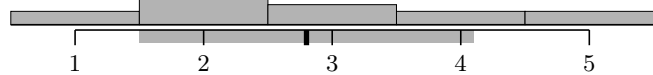
Greatly – Not at all

15% 31% 23% 15% 15%

Antworten: 13

Durchschnitt: 2.8

Standardabweichung: 1.3



## 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?

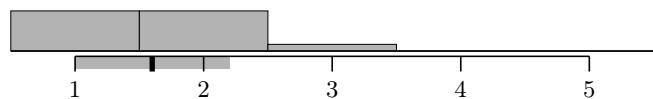
Much – Nothing

46% 46% 8% 0% 0%

Antworten: 13

Durchschnitt: 1.6

Standardabweichung: 0.6



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

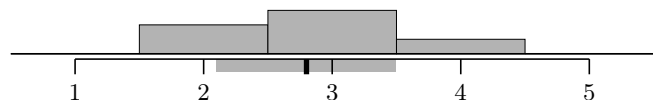
Too high – Too low

0% 33% 50% 17% 0%

Antworten: 12

Durchschnitt: 2.8

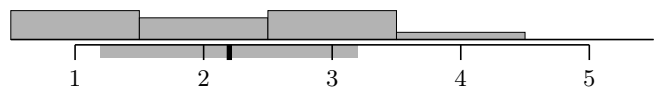
Standardabweichung: 0.7



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

Yes – No 33% 25% 33% 8% 0%

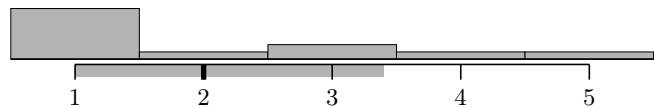
Antworten: 12  
 Durchschnitt: 2.2  
 Standardabweichung: 1.0



#### 4.1.4 Do you think the obligatory course achievements are adequate?

Yes – No 58% 8% 17% 8% 8%

Antworten: 12  
 Durchschnitt: 2.0  
 Standardabweichung: 1.4



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

Strongly inc. – Strongly dec. 23% 31% 46% 0% 0%

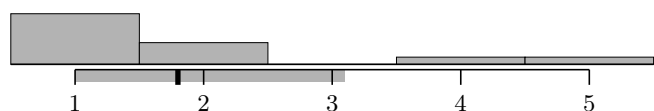
Antworten: 13  
 Durchschnitt: 2.2  
 Standardabweichung: 0.8



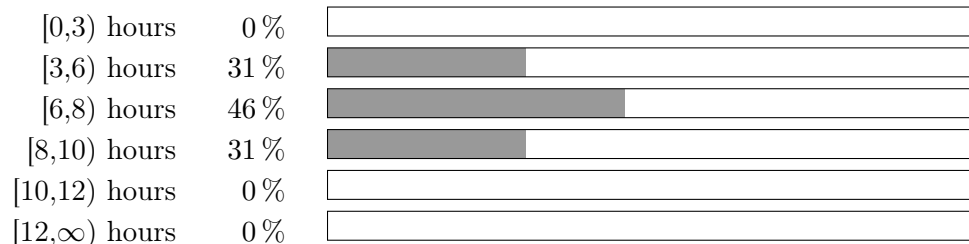
#### 4.1.6 Would you recommend taking this module to your best friend?

Yes – No 58% 25% 0% 8% 8%

Antworten: 12  
 Durchschnitt: 1.8  
 Standardabweichung: 1.3



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



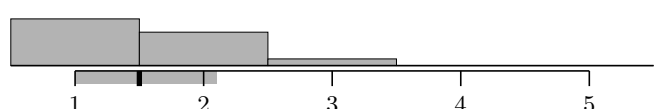
### 5 Exercise Class Evaluation

#### 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 54% 38% 8% 0% 0%

Antworten: 13  
 Durchschnitt: 1.5  
 Standardabweichung: 0.6



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

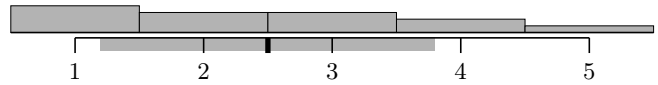
Always – Never

31% 23% 23% 15% 8%

Antworten: 13

Durchschnitt: 2.5

Standardabweichung: 1.3



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

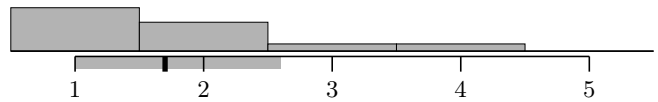
Always – Never

50% 33% 8% 8% 0%

Antworten: 12

Durchschnitt: 1.7

Standardabweichung: 0.9



### 5.1.4 Would you recommend visiting this exercise class?

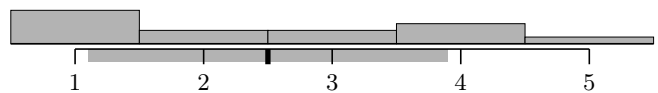
Yes – No

38% 15% 15% 23% 8%

Antworten: 13

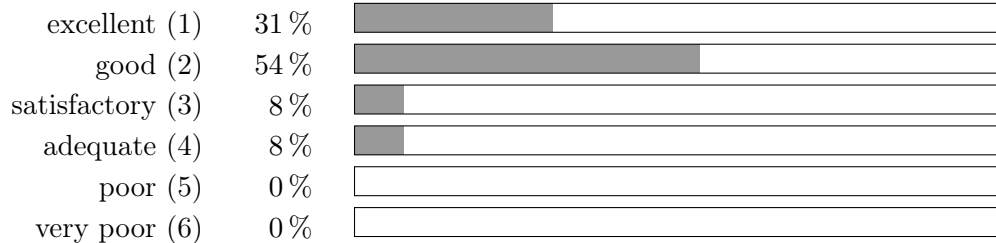
Durchschnitt: 2.5

Standardabweichung: 1.4



## 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?

Illustrative programming tasks for homework

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Connection to real life

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Content, Structure of the course.

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Robots

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- Explanation of real robotics problem as illustration
- Strong introductory for learning problems in Robotics

## 7.2 What could be improved?

- 1) More structured slides
- 2) More strictness in explanation of research works

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More examples handson - let us apply what we learn.  
The lecturer talks too monotonously.

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The slides aren't helpful at all if you haven't understood the content already. Therefore preparing for the exam is very nerve wrecking.

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A bit about basics can be included in the lecture.

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The way of explanation should be faster and full of some more activities

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- The Exercise should be more abled and related to robotics. Most of them were applying equations and simulation non-robotics problems.
  - Adding a project instead of Assignments

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There were too many programming sheets, if some part of them could be replaced by paper work that might be better.

## 7.3 You can leave remarks and further feedback here.

# Mandatory course achievements

50% of the possible credit points for the exercises are necessary to be admitted for the exam. Every week, after the lecture, an assignment sheet will be handed out. Solutions have to be handed in in written form one week later before the start of the lecture. There will be 10 assignment sheets with 20 points each. Two students can work together. In order to receive credit for an assignment, a student must be present during the entire next tutorial in order to present, discuss, and receive feedback for the assignment tasks.

## 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	31
Number of students in the lecture at the end of the semester	23
Number of students participating in the exercise classes at the beginning of the semester	31
Number of students participating in the exercise classes at the end of the semester	23
Number of students that have registered for the exam	24

### 2 Exercise classes

Number of exercise classes	2
Average number of students per exercise class at the end of the semester	11

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

By putting their name into list on paper.

### 3 Helpful stuff

There has been a text 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?

-

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

-



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

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**4.4 Further remarks**

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