Artificial Life – Dr. Nils Goerke

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Lecture Survey – Fachschaft Informatik

September 7, 2019

Turned in Questionnaires: 43

1 Lecture Evaluation

1.1 Please rate the lecture's concept.

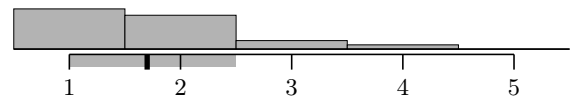### 1.1.1 How often did you attend the lecture?

Always – Never   46 %   39 %   10 %   5 %   0 %

Answers: 41
Mean: 1.7
Standard-Deviation: 0.8

1.1.2 Did the lecture appear to be clearly structured to you?
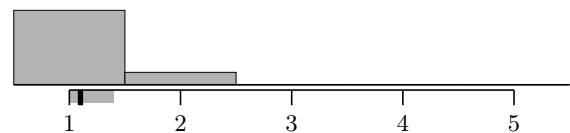
Yes – No   86 %   14 %   0 %   0 %   0 %

Answers: 42
Mean: 1.1
Standard-Deviation: 0.3
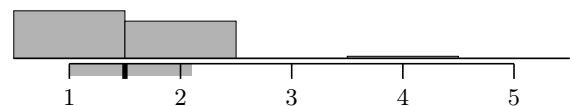
1.1.3 Have topics been illustrated by sensible examples?

Always – Never   55 %   43 %   0 %   2 %   0 %

Answers: 42
Mean: 1.5
Standard-Deviation: 0.6

1.1.4 Were the slides/lecture notes helpful?
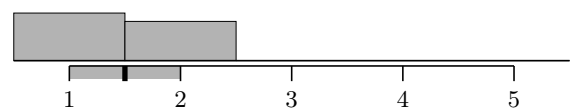
Very helpful – Not helpful   55 %   45 %   0 %   0 %   0 %

Answers: 42
Mean: 1.5
Standard-Deviation: 0.5

1.1.5 Have the topics been explained extensively enough?
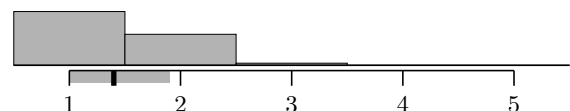
Always – Never   62 %   36 %   2 %   0 %   0 %

Answers: 42
Mean: 1.4
Standard-Deviation: 0.5

2 Lecturer Evaluation

2.1 Please rate Dr. Nils Goerke.

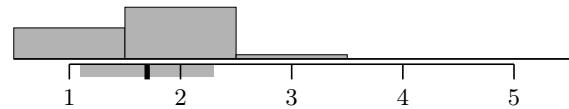2.1.1 How much of the content do you understand during the lecture?

Everything – Nothing

36 % 60 % 5 % 0 % 0 %

Answers: 42
Mean: 1.7
Standard-Deviation: 0.6

2.1.2 Did the lecturer answer your questions profoundly?
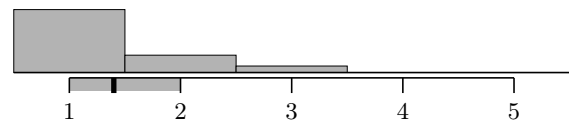
Always – Never

73 % 20 % 7 % 0 % 0 %

Answers: 40
Mean: 1.4
Standard-Deviation: 0.6

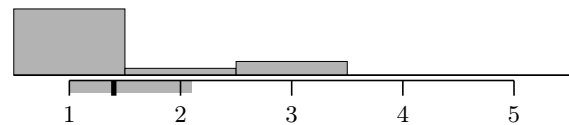2.1.3 Was the lecturer available for questions outside of the lecture?

Always – Never

76 % 8 % 16 % 0 % 0 %

Answers: 38
Mean: 1.4
Standard-Deviation: 0.7

2.1.4 Could you understand the lecturer acoustically?
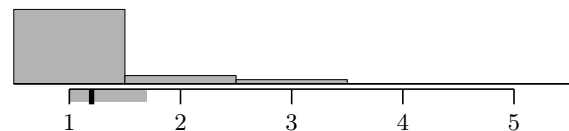
Very well – Not at all

86 % 10 % 5 % 0 % 0 %

Answers: 42
Mean: 1.2
Standard-Deviation: 0.5

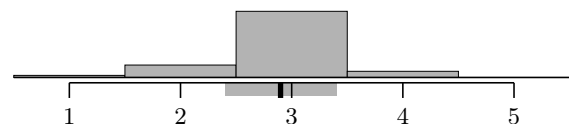2.1.5 The speed of proceeding was...

Too fast – Too slow

2 % 14 % 76 % 7 % 0 %

Answers: 42
Mean: 2.9
Standard-Deviation: 0.5

3 Module Evaluation

3.1 Please rate the module as a whole.
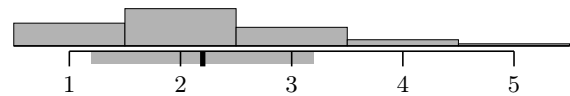
3.1.1 Did the course teach you helpful knowledge and abilities that will be useful in later work life?

Much – Nothing   26 %   43 %   21 %   7 %   2 %

Answers: 42
Mean: 2.2
Standard-Deviation: 1.0
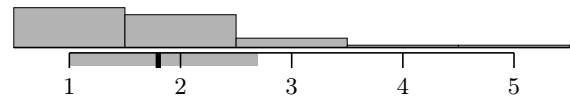
3.1.2 Do the obligatory course achievements support successful completion of the module?

Yes – No   46 %   38 %   11 %   3 %   3 %

Answers: 37
Mean: 1.8
Standard-Deviation: 0.9

3.1.3 Do you think the obligatory course achievements are adequate?

Yes – No   49 %   35 %   13 %   3 %   0 %

Answers: 37
Mean: 1.7
Standard-Deviation: 0.8
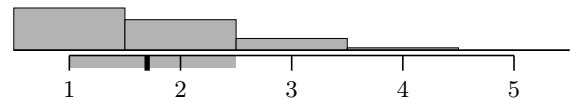
3.1.4 Did your interest in this module's field of study change?

Strongly inc. – Strongly dec.   10 %   45 %   40 %   2 %   2 %

Answers: 42
Mean: 2.4
Standard-Deviation: 0.8
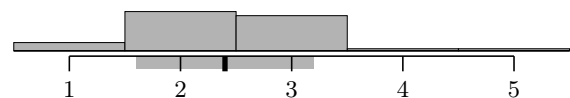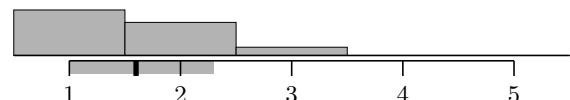
3.1.5 Would you recommend taking this module to your best friend?

Yes – No   52 %   38 %   10 %   0 %   0 %
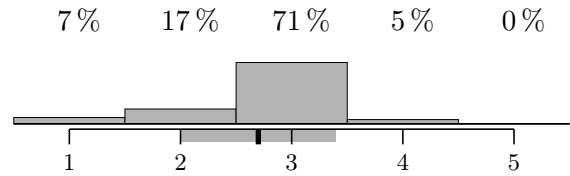
Answers: 42
Mean: 1.6
Standard-Deviation: 0.7

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

Too high – Too low   7 %   17 %   71 %   5 %   0 %

Answers: 41
Mean: 2.7
Standard-Deviation: 0.7

1   2   3   4   5

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

[0,3) hours	13 %	
[3,6) hours	55 %	
[6,8) hours	26 %	
[8,10) hours	5 %	
[10,12) hours	0 %	
[12,∞) hours	0 %	
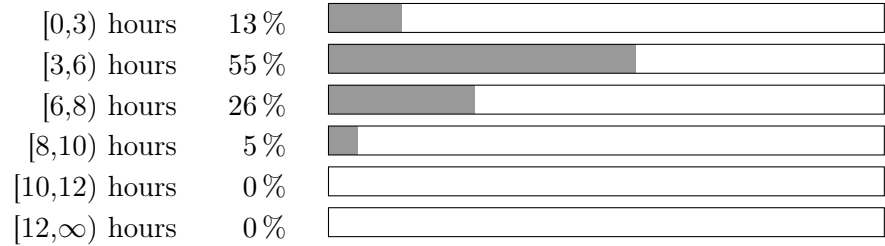
4 Exercise Evaluation

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

4.1.1 How often did you attend the exercise class?

Always – Never   49 %   32 %   7 %   7 %   5 %

Answers: 41
Mean: 1.9
Standard-Deviation: 1.1

1   2   3   4   5
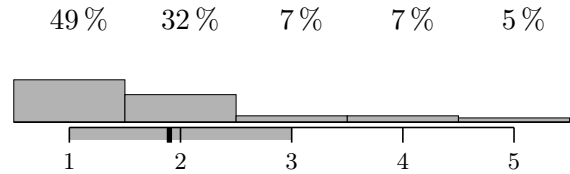
4.1.2 Have the exercise sheets been available on time?

Always – Never   93 %   2 %   2 %   2 %   0 %

Answers: 41
Mean: 1.1
Standard-Deviation: 0.6

1   2   3   4   5

4.1.3 The difficulty of the exercise sheets varied...
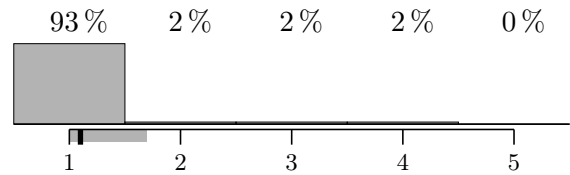
Not at all – Greatly

| 10% | 29% | 47% | 13% | 0% |

Answers: 38
Mean: 2.6
Standard-Deviation: 0.8
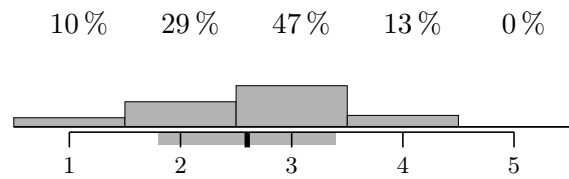
4.1.4 Did the contents of the exercises match the current contents of the lecture?

Lecture far ahead – Lecture far behind

| 2% | 10% | 88% | 0% | 0% |

Answers: 41
Mean: 2.9
Standard-Deviation: 0.4
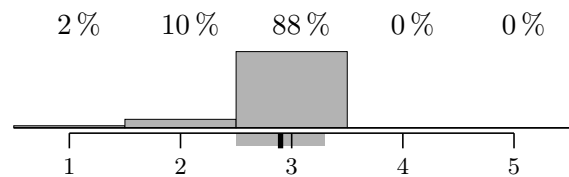
4.1.5 Judge the size of your exercise group!

Too big – Too small

| 2% | 15% | 77% | 5% | 0% |

Answers: 40
Mean: 2.9
Standard-Deviation: 0.5
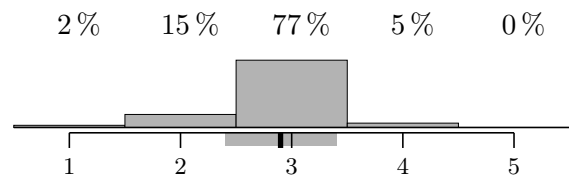
4.1.6 Usually I thought the exercises were...

Too difficult – Very easy

| 3% | 21% | 64% | 10% | 3% |

Answers: 39
Mean: 2.9
Standard-Deviation: 0.7
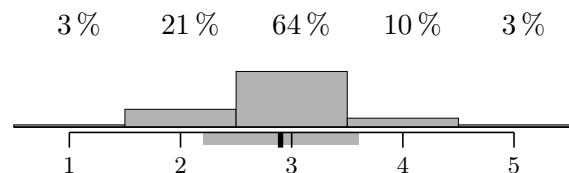
5 Exercise Class Evaluation

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

| 60% | 24% | 13% | 3% | 0% |

Answers: 37
Mean: 1.6
Standard-Deviation: 0.8

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

Always – Never   51 %   35 %   13 %   0 %   0 %

Answers: 37
Mean: 1.6
Standard-Deviation: 0.7   1   2   3   4   5

5.1.3 Did the tutor manage to handle all the relevant content in the exercise class?
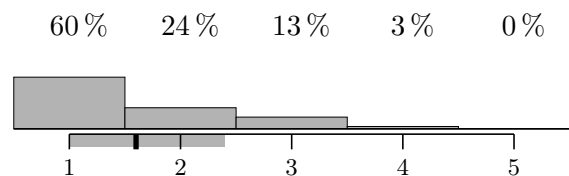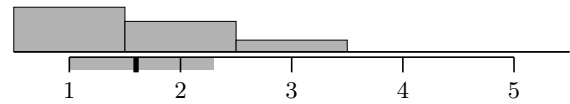
Always – Never   66 %   24 %   10 %   0 %   0 %

Answers: 38
Mean: 1.4
Standard-Deviation: 0.7   1   2   3   4   5
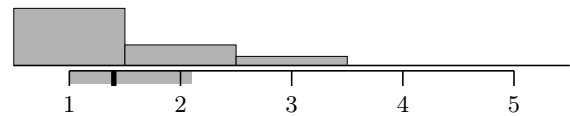
5.1.4 Would you recommend visiting this exercise class?

Yes – No   66 %   26 %   5 %   3 %   0 %

Answers: 38
Mean: 1.4
Standard-Deviation: 0.7   1   2   3   4   5
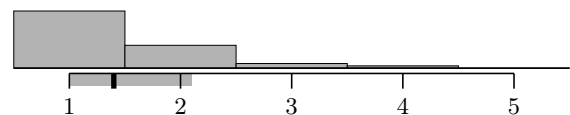
6 Comprehensive Rating

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

excellent (1)	29 %
good (2)	68 %
satisfactory (3)	2 %
adequate (4)	0 %
poor (5)	0 %
very poor (6)	0 %
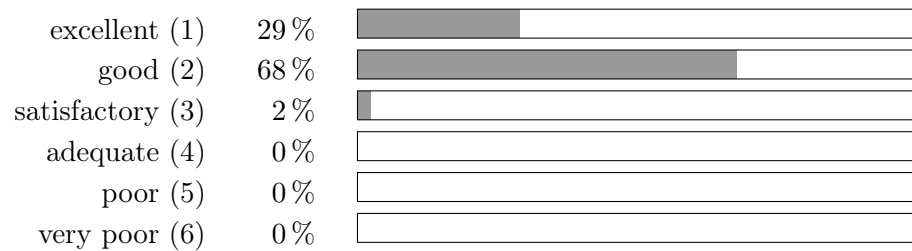
7 Free Text Comments

7.1 Which aspects of the course did you like?

Organisation, topics, good presentation notes.

Slides.
the professor.

Exercises and tutors.

Visual examples.

EA Algorithm

Genetic Algorithm

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1. The way the lecturces have been tought
2. Dr. Goerke has excellent teaching skills

Slides were very structured and detailed, interesting examples

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topics were exiting

Deep explanation of the Concepts Presented From Automata to Evolutionairy Algorithm, Robotics and several others

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The exercise classes were very usefull

Clear visualitzations of concepts, making them easier to understand.

The excellent and clear pronounciation

Evolutionary Algorithms

Subjects that were covered

Both lecture and exercises are great

Professor Goerke explained all the concepts in detail and I find it really interesting.

Topics Organization

7.2 What could be improved?

Less extensive and more intensive content.

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1. The slides can be improved with more practical examples

More practical examples

There is one tutor that is way too fast. They didn't explain it properly & could not answer the questions. To discuss one sheet it took her about 20 minutes!

N/A

Exercise should have obligatory part.

More Practical

Making the excersises mandatory , otherwise motivation is lacking.

Maybe make just some exercises obligatory

- correct solutions to the exerise sheets posted to the Website would be great

Definitely provide the slide in advance and only one slide per sheet not the 4 on 1

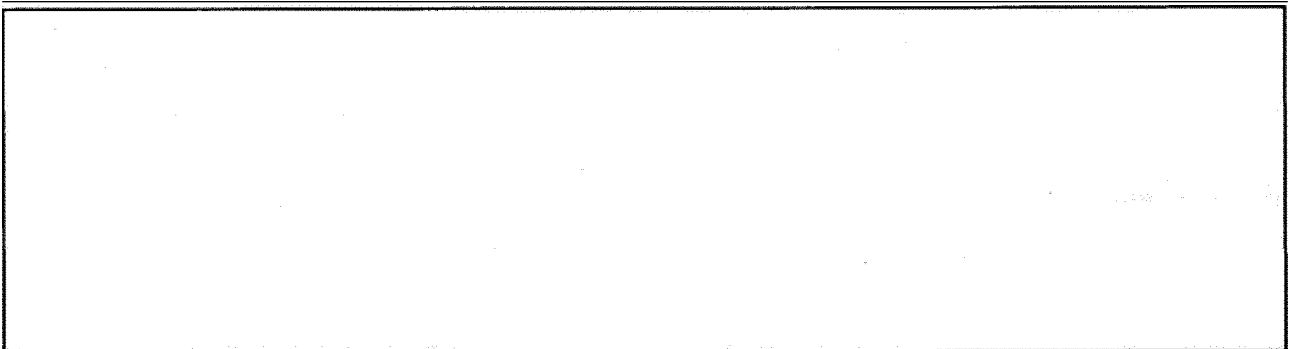7.3 You can leave remarks and further feedback here.

The recommended books aren't available at the library. That could be improved.

There were no obligatory course achievements

I hope Dr. Görke will hold more lectures beside this and TNN in future :)

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	102
Number of students in the lecture at the end of the semester	65
Number of students participating in the exercise classes at the beginning of the semester	70
Number of students participating in the exercise classes at the end of the semester	56
Number of students that have registered for the exam	167

2 Exercise classes

Number of exercise classes	5
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:

on a voluntary basis

3 Helpful stuff

There has been **no** test exam.

Sample solutions for exercise tasks have **not** been distributed.

4 Free text comments

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

the tutors had enough time to deal with questions from the students

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

make the assignments mandatory make it mandatory to explain during the exercise groups i am convinced, that mandatory assignments are extremely helpful to comprehend the topics addressed. i am convinced, that practicing to explain and speak in front of a small group (exercises) is a good preparation for a job.

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

4.4 Further remarks

This year the assignments and the exercises were on a voluntary basis. An evaluation of the results / performance in the written exam comparing them to other years will be done after the re-sit exam.