

Intelligent Learning and Analysis Systems: Data Mining  
and Knowledge Discovery – Prof. Dr. Stefan Wrobel; Dr.  
Tamas Horvath

Lecture Survey – Fachschaft Informatik

November 29, 2016

## 1 Lecture Evaluation

### 1.1 Please rate the lecture's concept.

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

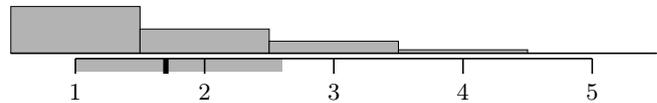
Always – Never

54% 28% 14% 4% 0%

Answers: 50

Mean: 1.7

Standard-Deviation: 0.9



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

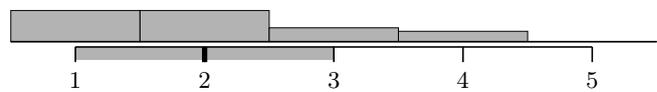
Yes – No

36% 36% 16% 12% 0%

Answers: 50

Mean: 2.0

Standard-Deviation: 1.0



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

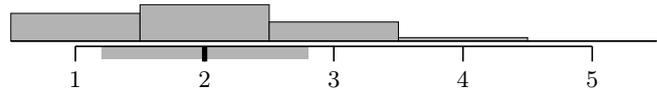
Always – Never

32% 42% 22% 4% 0%

Answers: 50

Mean: 2.0

Standard-Deviation: 0.8



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

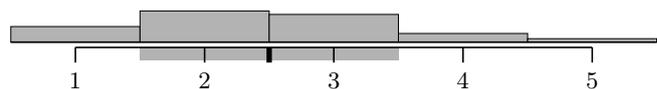
Very helpful – Not helpful

18% 36% 32% 10% 4%

Answers: 50

Mean: 2.5

Standard-Deviation: 1.0



#### 1.1.5 Have the topics been explained extensively enough?

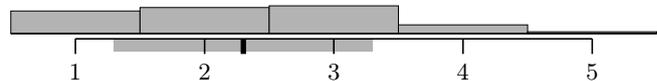
Always – Never

26% 30% 32% 10% 2%

Answers: 50

Mean: 2.3

Standard-Deviation: 1.0



## 2 Lecturer Evaluation

### 2.1 Please rate Prof. Dr. Stefan Wrobel.

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

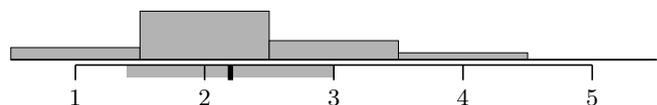
Everything – Nothing

14% 56% 22% 8% 0%

Answers: 50

Mean: 2.2

Standard-Deviation: 0.8



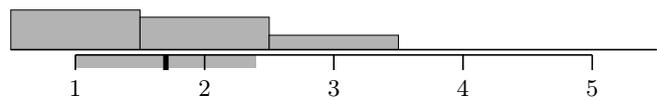
### 2.1.2 Did the lecturer answer your questions profoundly?

Always – Never 46% 38% 17% 0% 0%

Answers: 48

Mean: 1.7

Standard-Deviation: 0.7



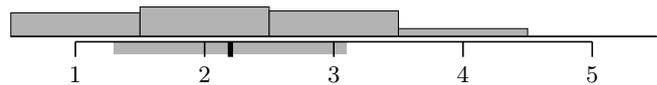
### 2.1.3 Was the lecturer available for questions outside of the lecture?

Always – Never 27% 34% 29% 9% 0%

Answers: 44

Mean: 2.2

Standard-Deviation: 0.9



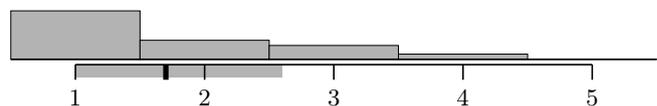
### 2.1.4 Could you understand the lecturer acoustically?

Very well – Not at all 56% 22% 16% 6% 0%

Answers: 50

Mean: 1.7

Standard-Deviation: 0.9



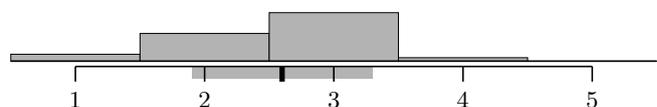
### 2.1.5 The speed of proceeding was...

Too fast – Too slow 8% 32% 56% 4% 0%

Answers: 50

Mean: 2.6

Standard-Deviation: 0.7



## 2.2 Please rate Dr. Tamas Horvath.

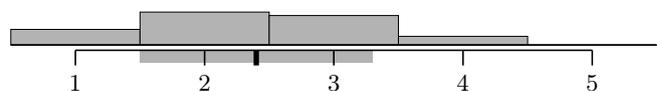
### 2.2.1 How much of the content do you understand during the lecture?

Everything – Nothing 18% 38% 34% 10% 0%

Answers: 50

Mean: 2.4

Standard-Deviation: 0.9



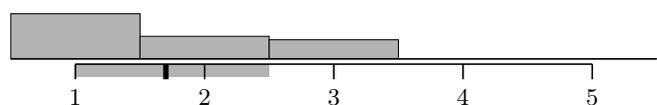
### 2.2.2 Did the lecturer answer your questions profoundly?

Always – Never 52% 26% 22% 0% 0%

Answers: 50

Mean: 1.7

Standard-Deviation: 0.8



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

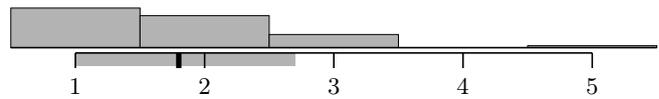
Always – Never

46% 37% 15% 0% 2%

Answers: 46

Mean: 1.8

Standard-Deviation: 0.9



### 2.2.4 Could you understand the lecturer acoustically?

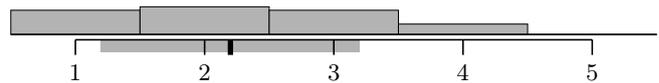
Very well – Not at all

28% 32% 28% 12% 0%

Answers: 50

Mean: 2.2

Standard-Deviation: 1.0



### 2.2.5 The speed of proceeding was...

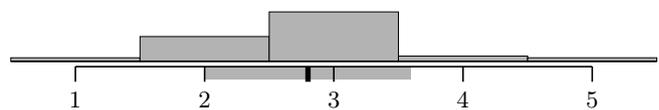
Too fast – Too slow

4% 29% 57% 6% 4%

Answers: 49

Mean: 2.8

Standard-Deviation: 0.8



## 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?

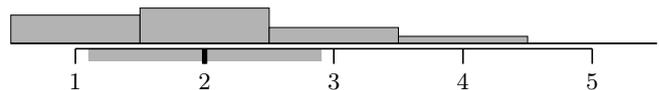
Much – Nothing

33% 41% 18% 8% 0%

Answers: 49

Mean: 2.0

Standard-Deviation: 0.9



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

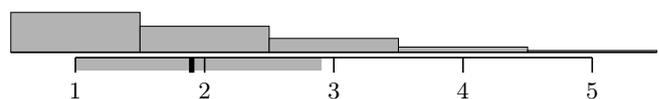
Yes – No

46% 30% 16% 6% 2%

Answers: 50

Mean: 1.9

Standard-Deviation: 1.0



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

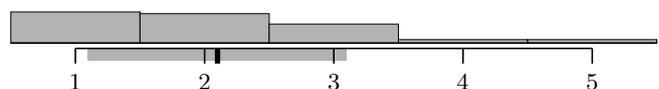
Yes – No

36% 34% 22% 4% 4%

Answers: 50

Mean: 2.1

Standard-Deviation: 1.0



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

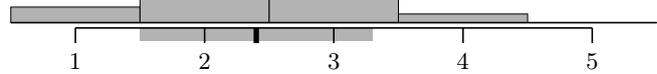
Strongly inc. – Strongly dec.

18% 30% 42% 10% 0%

Answers: 50

Mean: 2.4

Standard-Deviation: 0.9



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

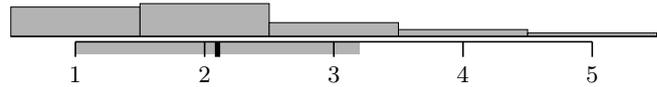
Yes – No

34% 38% 16% 8% 4%

Answers: 50

Mean: 2.1

Standard-Deviation: 1.1



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

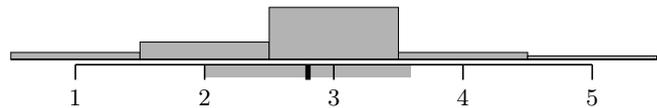
Too high – Too low

8% 20% 60% 8% 4%

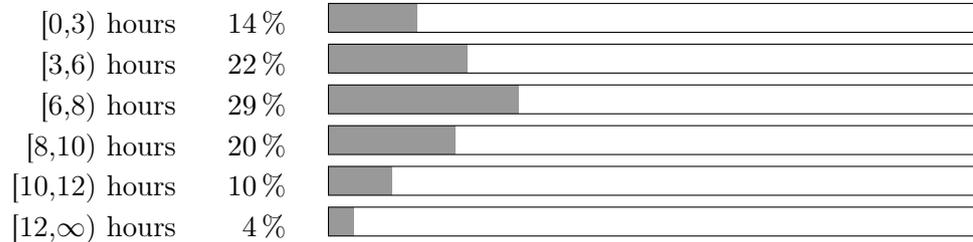
Answers: 50

Mean: 2.8

Standard-Deviation: 0.8



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



## 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?

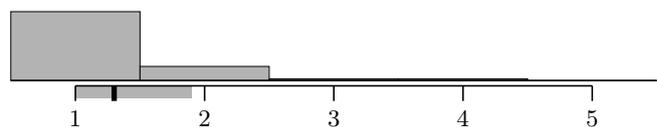
Always – Never

80% 16% 2% 2% 0%

Answers: 49

Mean: 1.3

Standard-Deviation: 0.6



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

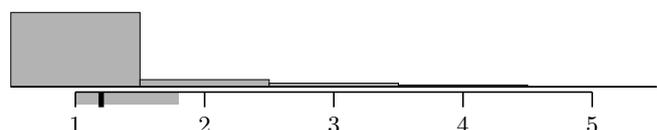
Always – Never

86% 8% 4% 2% 0%

Answers: 49

Mean: 1.2

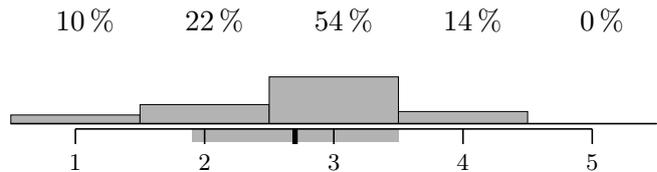
Standard-Deviation: 0.6



#### 4.1.3 The difficulty of the exercise sheets varied...

Not at all – Greatly

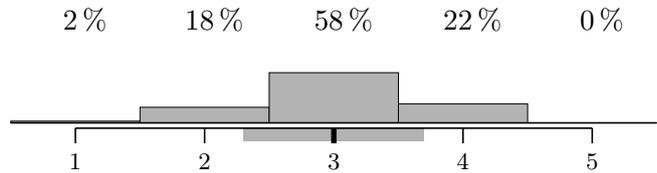
Answers: 50  
Mean: 2.7  
Standard-Deviation: 0.8



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

Lecture far ahead – Lecture far behind

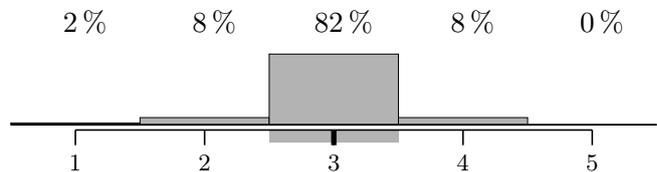
Answers: 50  
Mean: 3.0  
Standard-Deviation: 0.7



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

Too big – Too small

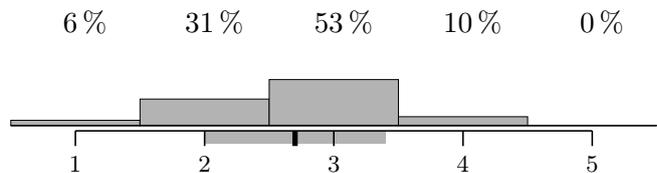
Answers: 49  
Mean: 3.0  
Standard-Deviation: 0.5



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

Too difficult – Very easy

Answers: 49  
Mean: 2.7  
Standard-Deviation: 0.7



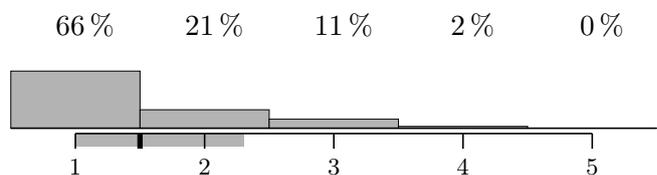
### 5 Exercise Class Evaluation

#### 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

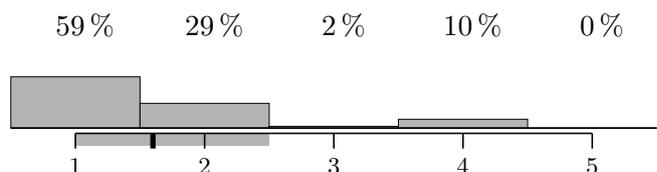
Answers: 47  
Mean: 1.5  
Standard-Deviation: 0.8



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

Always – Never

Answers: 49  
Mean: 1.6  
Standard-Deviation: 0.9



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

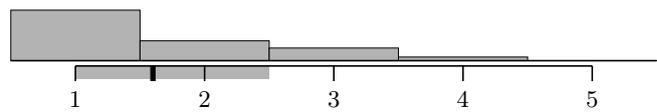
Always – Never

58% 23% 15% 4% 0%

Answers: 48

Mean: 1.6

Standard-Deviation: 0.9



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

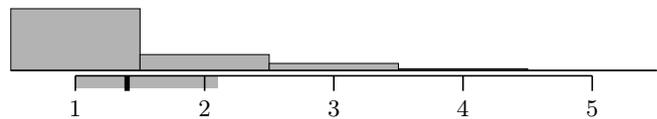
Yes – No

71% 18% 8% 2% 0%

Answers: 49

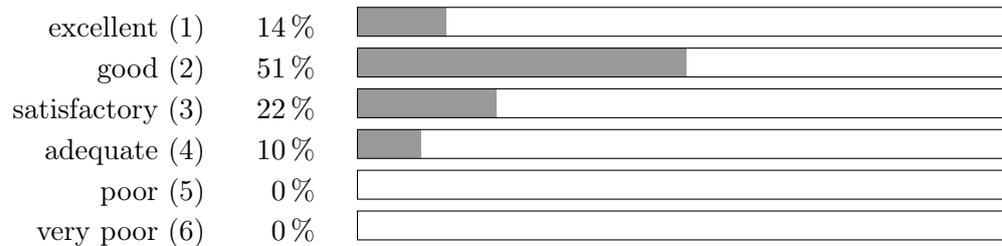
Mean: 1.4

Standard-Deviation: 0.7



## 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?

Exercises are pretty good

Topic is interesting

Content

Tutor's exercise.

I love Linara's tutor exercise  
Very clear and understandable.

Data Mining Approaches.

Clustering and Association rule Mining.

The latter half of the course was self-explanatory and well documented

The programming assignments

Exercises were very good  
homework was nice

the credit point for this course should be 9.

## 7.2 What could be improved?

More hints for the exercises

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More contents in the slides with examples

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Use Latex please, formulas of first 4 lectures are ugly, add decision trees, and remove sampling, please  
slides could be more detail,

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MORE TIME FOR THE EXAM, 90 MINS SEEMS TOO LITTLE

---

do not make the last lecture with heavy content.

---

I would prefer starting a week earlier, since the last (and still exam relevant) exercise was very full  
I would have liked to have more time to look at it.

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Some more applicable stuff would be nice

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The lecture can be more easy to understand the materials

---

First five slides have not enagh meterial to study.

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First half of course didn't have enough Information on slides.

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Include some practicle stuff in the course

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Add more programming tasks and also some textbook

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In the lecture notes, stuff could be defined more rigorous and before it is used.

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Less emphasis on subgroup discovery.

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Please provide books or something to read in parallel

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- Notation on slides
  - Presentation / Correction of practical exercises
- 

make to delive lecture in much easier way.

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

subgroup discovery is no that usefull topic in this lecture.

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A good lecture in field of Data Mining.

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Good Cause :)

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Linara Exercise is much better than the theoraticule lecture because we see every thing with an example

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Great lecture, but last two sessions were too fast.

It will be hard to repeat since exams have already started.

Would have been great to have the slides earlier for the last session.

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- Mandatory course achievements are too much: weekly homework, two practical tasks, one presentation and one pre-exam.

- The pre-exam ("mid-term exercise checkup") re-iterates eight homework tasks verbatim. What's the point of checking whether you remember the perfect solution?

# 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	95
Number of students in the lecture at the end of the semester	80
Number of students participating in the exercise classes at the beginning of the semester	95
Number of students participating in the exercise classes at the end of the semester	80
Number of students that have registered for the exam	80

## 2 Exercise classes

Number of exercise classes	3
Average number of students per exercise class at the end of the semester	27

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

Assignment by the lecturer

## 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.**

-

**4.4 Further remarks**

-