Course evaluation report

Dear Mr. Prof. Dr. Urban,

enclosed you will find the results of your evaluation for the lecture "Numerical Finance" in the SoSe18.

If you have any questions regarding the evaluation please feel free to contact me at any time.

Best regards,

[Signature]

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Advanced Materials: Dr. Maria-Verena Kohnle (maria-verena.kohnle@uni-ulm.de)
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Overall indicators

Organisation of the lecture

Clearness of the Subject Matter

Teaching Style of the Lecturer

Increase of Knowledge

Promotion of Interest

Overall Assessment

Survey Results

Legend

Question text

Relative Frequencies of answers

Std. Dev. Mean

5% 15% 30% 35% 15% 0%

Scale Histogram

Quality index

Description of quality symbol

Why do you attend this course? (multiple choice is possible)

<table>
<thead>
<tr>
<th>Answer</th>
<th>Frequency</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>mandatory</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>interest</td>
<td></td>
<td>85.7%</td>
</tr>
<tr>
<td>lecturer</td>
<td></td>
<td>42.9%</td>
</tr>
<tr>
<td>exam</td>
<td></td>
<td>28.6%</td>
</tr>
<tr>
<td>test</td>
<td></td>
<td>14.3%</td>
</tr>
<tr>
<td>relevant topic</td>
<td></td>
<td>57.1%</td>
</tr>
</tbody>
</table>
How much time do you spend for preparing and recapitulating the course (hours/week)?

<table>
<thead>
<tr>
<th>Hours/Week</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>up to 1</td>
<td>0%</td>
</tr>
<tr>
<td>up to 2</td>
<td>0%</td>
</tr>
<tr>
<td>up to 3</td>
<td>16.7%</td>
</tr>
<tr>
<td>up to 4</td>
<td>16.7%</td>
</tr>
<tr>
<td>up to 5</td>
<td>16.7%</td>
</tr>
<tr>
<td>up to 6</td>
<td>16.7%</td>
</tr>
<tr>
<td>up to 7</td>
<td>16.7%</td>
</tr>
<tr>
<td>up to 8</td>
<td>16.7%</td>
</tr>
<tr>
<td>&gt;8</td>
<td>0%</td>
</tr>
</tbody>
</table>

Organisation of the lecture

The course follows an easily comprehensible structure throughout the semester.

- **Not at all true**: 0%
- **Fully true**
  - $n=7$
  - $\text{av.}=4.7$
  - $\text{dev.}=1$

The subject’s structure (line of thought) is very easily comprehensible in every lesson of the course.

- **Not at all true**: 0%
- **Fully true**
  - $n=7$
  - $\text{av.}=4.9$
  - $\text{dev.}=1.1$

The lecturer always gives helpful summaries and subject overviews.

- **Not at all true**: 0%
- **Fully true**
  - $n=6$
  - $\text{av.}=5.5$
  - $\text{dev.}=0.5$

Teaching aids (e.g. board, audio-visual presentations, etc) always support the course in a meaningful way.

- **Not at all true**: 0%
- **Fully true**
  - $n=6$
  - $\text{av.}=5.5$
  - $\text{dev.}=0.8$

The applied materials (e.g. slides, scripts) are very useful for understanding the content.

- **Not at all true**: 28.6%
- **Fully true**
  - $n=7$
  - $\text{av.}=5.1$
  - $\text{dev.}=0.7$

The applied materials (e.g. slides, scripts) are always designed clearly.

- **Not at all true**: 0%
- **Fully true**
  - $n=7$
  - $\text{av.}=4.7$
  - $\text{dev.}=0.8$

Course contents

The speed of teaching is always adequate.

- **Not at all true**: 0%
- **Fully true**
  - $n=7$
  - $\text{av.}=4.7$
  - $\text{dev.}=0.8$

The subject matter is not too difficult.

- **Not at all true**: 14.3%
- **Fully true**
  - $n=7$
  - $\text{av.}=4.4$
  - $\text{dev.}=1.3$
The lecturer’s teaching style

The lecturer often establishes relations between the contents.

Difficult facts are always explained clearly.

The lecturer uses a varied teaching approach (in the course).

I find the lecturer always presents the course in an interesting way.

The lecturer always manages to keep up contact (e.g. eye contact) with the audience.

The lecturer always encourages active participation (e.g. asking questions, discussion).

The general climate of the course is very pleasant.

The lecturer always deals adequately with interruptions (e.g. noise or disturbance by participants or technical problems).

Your knowledge

My state of knowledge has considerably grown since the course.

Now I have a considerably deeper knowledge than before the course.

I’ve understood the most important content very well.

Due to this course I am capable of giving a good overview about the covered topic.
Due to this course I am capable of clearly describing the complex facts covered.

Overall course assessment

I learn things in this course which inspire me.

The course stimulates my interest in the subject material.

The course stimulates my interest in the studies.

I would recommend this course.

All in all the course is very good.

Course preparation and recapitulation were adequately supported by Lecture Capture.

Course preparation and recapitulation were adequately supported by E-Learning activities (e.g. Moodle).

What semester are you in?

<table>
<thead>
<tr>
<th>Semester</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2</td>
<td>0%</td>
</tr>
<tr>
<td>3-4</td>
<td>66.7%</td>
</tr>
<tr>
<td>5-6</td>
<td>0%</td>
</tr>
<tr>
<td>7-8</td>
<td>33.3%</td>
</tr>
<tr>
<td>9-10</td>
<td>0%</td>
</tr>
<tr>
<td>&gt;10</td>
<td>0%</td>
</tr>
</tbody>
</table>

Degree

Do you study for a teaching profession?

<table>
<thead>
<tr>
<th>Study for a teaching profession</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>0%</td>
</tr>
<tr>
<td>No</td>
<td>100%</td>
</tr>
</tbody>
</table>

The evaluation will not be displayed due to low response rate.
### Study Program

The table below shows the distribution of study programs among a group of 7 individuals:

<table>
<thead>
<tr>
<th>Study Program</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Materials</td>
<td>0%</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>0%</td>
</tr>
<tr>
<td>Biology</td>
<td>0%</td>
</tr>
<tr>
<td>Biophysics</td>
<td>0%</td>
</tr>
<tr>
<td>Chemistry</td>
<td>0%</td>
</tr>
<tr>
<td>Chemistry and Management</td>
<td>0%</td>
</tr>
<tr>
<td>Chemical Engineering</td>
<td>0%</td>
</tr>
<tr>
<td>Cognitive Systems</td>
<td>0%</td>
</tr>
<tr>
<td>Communications Technology</td>
<td>0%</td>
</tr>
<tr>
<td>Computational Science and Engineering</td>
<td>0%</td>
</tr>
<tr>
<td>Computer Science</td>
<td>0%</td>
</tr>
<tr>
<td>Communications and Computer Engineering</td>
<td>0%</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>0%</td>
</tr>
<tr>
<td>Energy Science and Technology</td>
<td>0%</td>
</tr>
<tr>
<td>Finance</td>
<td>57.1%</td>
</tr>
<tr>
<td>Industrial Biotechnology</td>
<td>0%</td>
</tr>
<tr>
<td>Information Technology</td>
<td>0%</td>
</tr>
<tr>
<td>Mathematics</td>
<td>28.6%</td>
</tr>
<tr>
<td>Management and Economics</td>
<td>0%</td>
</tr>
<tr>
<td>Mathematical Biometry</td>
<td>0%</td>
</tr>
<tr>
<td>Mathematics and Management</td>
<td>14.3%</td>
</tr>
<tr>
<td>Media Informatics</td>
<td>0%</td>
</tr>
<tr>
<td>Pharmaceutical Biotechnology</td>
<td>0%</td>
</tr>
<tr>
<td>Physics</td>
<td>0%</td>
</tr>
<tr>
<td>Physics and Management</td>
<td>0%</td>
</tr>
<tr>
<td>Psychology</td>
<td>0%</td>
</tr>
<tr>
<td>Science and technology (NWT)</td>
<td>0%</td>
</tr>
<tr>
<td>Sustainable Management</td>
<td>0%</td>
</tr>
<tr>
<td>Software Engineering</td>
<td>0%</td>
</tr>
<tr>
<td>Other</td>
<td>0%</td>
</tr>
</tbody>
</table>
Profile

Subunit: Mathematik
Name of the instructor: Prof. Dr. Karsten Urban
Name of the course: Numerical Finance (MATH5030.010)

Values used in the profile line: Mean

Organisation of the lecture

The course follows an easily comprehensible structure throughout the semester.
Not at all true | Fully true
---|---
n=7
av.=4,7
md=5,0
dev.=1,0

The subject's structure (line of thought) is very easily comprehensible in every lesson of the course.
Not at all true | Fully true
---|---
n=7
av.=4,9
md=5,0
dev.=1,1

The lecturer always gives helpful summaries and subject overviews.
Not at all true | Fully true
---|---
n=6
av.=5,5
md=5,5
dev.=0,5

Teaching aids (e.g. board, audio-visual presentations, etc) always support the course in a meaningful way.
Not at all true | Fully true
---|---
n=6
av.=5,5
md=5,5
dev.=0,5

The applied materials (e.g. slides, scripts) are very useful for understanding the content.
Not at all true | Fully true
---|---
n=7
av.=5,0
md=5,0
dev.=0,8

The applied materials (e.g. slides, scripts) are always designed clearly.
Not at all true | Fully true
---|---
n=7
av.=5,1
md=5,0
dev.=0,7

Course contents

The speed of teaching is always adequate.
Not at all true | Fully true
---|---
n=7
av.=4,7
md=5,0
dev.=0,8

The subject matter is not too difficult.
Not at all true | Fully true
---|---
n=7
av.=4,0
md=4,0
dev.=1,3

The lecturer's teaching style

The lecturer often establishes relations between the contents.
Not at all true | Fully true
---|---
n=7
av.=5,4
md=5,0
dev.=0,5

Difficult facts are always explained clearly.
Not at all true | Fully true
---|---
n=7
av.=4,7
md=5,0
dev.=1,0

The lecturer uses a varied teaching approach (in the course).
Not at all true | Fully true
---|---
n=7
av.=4,7
md=5,0
dev.=0,8

I find the lecturer always presents the course in an interesting way.
Not at all true | Fully true
---|---
n=7
av.=5,4
md=5,0
dev.=0,5

The lecturer always manages to keep up contact (e.g. eye contact) with the audience.
Not at all true | Fully true
---|---
n=7
av.=5,4
md=5,0
dev.=0,5

The lecturer always encourages active participation (e.g. asking questions, discussion).
Not at all true | Fully true
---|---
n=7
av.=4,3
md=4,0
dev.=0,5

The general climate of the course is very pleasant.
Not at all true | Fully true
---|---
n=7
av.=5,4
md=5,0
dev.=0,5

The lecturer always deals adequately with interruptions (e.g. noise or disturbance by participants or technical problems).
Not at all true | Fully true
---|---
n=6
av.=5,3
md=5,0
dev.=0,5

Your knowledge

My state of knowledge has considerably grown since the course.
Not at all true | Fully true
---|---
n=7
av.=5,1
md=5,0
dev.=0,7

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Now I have a considerably deeper knowledge than before the course. | Not at all true | | | Fully true | n=7  av.=4,9  md=5,0  dev.=0,7  

I've understood the most important content very well. | Not at all true | | | Fully true | n=7  av.=4,6  md=4,0  dev.=0,8  

Due to this course I am capable of giving a good overview about the covered topic. | Not at all true | | | Fully true | n=7  av.=4,9  md=5,0  dev.=0,7  

Due to this course I am capable of clearly describing the complex facts covered. | Not at all true | | | Fully true | n=7  av.=4,9  md=5,0  dev.=0,7  

### Overall course assessment

| I learn things in this course which inspire me. | Not at all true | | | Fully true | n=7  av.=5,4  md=5,0  dev.=0,5  

The course stimulates my interest in the subject material. | Not at all true | | | Fully true | n=7  av.=5,4  md=5,0  dev.=0,5  

The course stimulates my interest in the studies | Not at all true | | | Fully true | n=7  av.=5,3  md=5,0  dev.=0,5  

I would recommend this course. | Not at all true | | | Fully true | n=7  av.=5,4  md=5,0  dev.=0,5  

All in all the course is very good. | Not at all true | | | Fully true | n=7  av.=5,4  md=5,0  dev.=0,5  

Course preparation and recapitulation were adequately supported by Lecture Capture. | Not at all true | | | Fully true | n=5  av.=5,2  md=5,0  dev.=0,4  

Course preparation and recapitulation were adequately supported by E-Learning activities (e.g. Moodle). | Not at all true | | | Fully true | n=7  av.=4,9  md=5,0  dev.=0,7  

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What do you particularly like in the course?
- The Professor is very good (3 Counts)

What could be improved? (if any, name suggestions for improvement)
- FT should be worth more credit as it requires a lot of work
- integrals are “calculated” way too fast
- more explanations
- introducing stochastic integration, more proofs
- lecturer is too fast
- more participation in class
## Numerical Finance (MATH5030.010)

Responses = 7 questionnaires

<table>
<thead>
<tr>
<th>Category</th>
<th>negative (-)</th>
<th>positive (+)</th>
<th>Ø</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organisation of the lecture</td>
<td>0%</td>
<td>80%</td>
<td>5.1</td>
</tr>
<tr>
<td>Clearness of the Subject Matter</td>
<td>0%</td>
<td>80%</td>
<td>4.4</td>
</tr>
<tr>
<td>Teaching Style of the Lecturer</td>
<td>0%</td>
<td>80%</td>
<td>5.1</td>
</tr>
<tr>
<td>Increase of Knowledge</td>
<td>0%</td>
<td>80%</td>
<td>4.9</td>
</tr>
<tr>
<td>Promotion of Interest</td>
<td>0%</td>
<td>80%</td>
<td>5.4</td>
</tr>
<tr>
<td>Overall Assessment</td>
<td>0%</td>
<td>80%</td>
<td>5.4</td>
</tr>
</tbody>
</table>

Scale width: 6