Sehr geehrter Herr Dr. Jahnke,

mit diesem Schreiben erhalten Sie die Ergebnisse der automatisierten Auswertung Ihrer Lehrveranstaltung „Tutorial for Numerical methods in mathematical finance II“.

Ihre Lehrveranstaltung „Tutorial for Numerical methods in mathematical finance II“ hat den Lehrqualitätsindex

$LQI = 100.$

Die Auswertung zu Ihrer Lehrveranstaltung gliedert sich in folgende Abschnitte:

Mit freundlichen Grüßen,
Ihr Evaluationsteam
1. Questions relating to Exercises

1.1) My commitment to this course is reflected by: (multiple choice)

- Regular attendance: 85.7%
- Constant taking of notes: 14.3%
- Active contributions: 14.3%
- Regular studying at home: 28.6%
- Study group attendance: 0%
- Reading of the recommended literature: 14.3%
- Work through scripts/materials: 42.9%
- Tutorial / exercise attendance: 71.4%
- Internet research: 28.6%

1.2) How do you assess the participation of your colleagues in the course?

- Very small: 14.3%
- Very intensive: 57.1%

1.3) How much do you enjoy attending this course?

- Very much: 50%
- Not at all: 0%

1.4) Why do you attend this course?

- Compulsory / optional compulsory course: 100%
- Personal interest: 0%
- For repetition / specialization: 0%
- Studium Generale: 0%

1.5) Coordination of the contents of this course with that of other courses in my curriculum is

- Very good: 42.9%
- Very bad: 28.6%
How applicable are the following statements to you?

<table>
<thead>
<tr>
<th>Statement</th>
<th>Yes, absolutely</th>
<th>No, not at all</th>
<th>n</th>
<th>mw</th>
<th>s</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.6) Aims and requirements of the lecture are clearly formulated.</td>
<td>71.4% 28.6% 0% 0% 0%</td>
<td>no, not at all</td>
<td>7</td>
<td>1.29</td>
<td>0.49</td>
</tr>
<tr>
<td>1.7) The design (with regard to contents) of the lecture was comprehensible to me.</td>
<td>57.1% 42.9% 0% 0% 0%</td>
<td>no, not at all</td>
<td>7</td>
<td>1.43</td>
<td>0.53</td>
</tr>
<tr>
<td>1.8) The relevance of the topics was made clear.</td>
<td>42.9% 57.1% 0% 0% 0%</td>
<td>no, not at all</td>
<td>7</td>
<td>1.57</td>
<td>0.53</td>
</tr>
<tr>
<td>1.9) The presentation (on blackboard or the like) was clear.</td>
<td>42.9% 57.1% 0% 0% 0%</td>
<td>no, not at all</td>
<td>7</td>
<td>1.57</td>
<td>0.53</td>
</tr>
<tr>
<td>1.10) The presentation (on blackboard or the like) was legible.</td>
<td>42.9% 57.1% 0% 0% 0%</td>
<td>no, not at all</td>
<td>7</td>
<td>1.57</td>
<td>0.53</td>
</tr>
<tr>
<td>1.11) The exercise course stimulated my interest in the subject.</td>
<td>57.1% 42.9% 0% 0% 0%</td>
<td>no, not at all</td>
<td>7</td>
<td>1.43</td>
<td>0.79</td>
</tr>
<tr>
<td>1.12) I felt free to bring in questions and comments.</td>
<td>71.4% 14.3% 14.3% 0% 0%</td>
<td>no, not at all</td>
<td>7</td>
<td>1.43</td>
<td>0.79</td>
</tr>
</tbody>
</table>

Please rate the exercise course regarding the following aspects:

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Very easy</th>
<th>Very difficult</th>
<th>n</th>
<th>mw</th>
<th>s</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.13) Contents</td>
<td>0% 0% 85.7% 14.3% 0%</td>
<td>very difficult</td>
<td>7</td>
<td>3.14</td>
<td>0.38</td>
</tr>
<tr>
<td>1.14) The matching with the lecture.</td>
<td>57.1% 14.3% 28.6% 0% 0%</td>
<td>very low</td>
<td>7</td>
<td>1.71</td>
<td>0.95</td>
</tr>
<tr>
<td>1.15) Knowledge gain.</td>
<td>28.6% 57.1% 14.3% 0% 0%</td>
<td>very low</td>
<td>7</td>
<td>1.86</td>
<td>0.69</td>
</tr>
<tr>
<td>1.16) Speed</td>
<td>0% 0% 100% 0% 0%</td>
<td>very fast</td>
<td>7</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>1.17) Clarity (by helpful examples)</td>
<td>42.9% 28.6% 28.6% 0% 0%</td>
<td>very abstract</td>
<td>7</td>
<td>1.86</td>
<td>0.86</td>
</tr>
<tr>
<td>1.18) Suitability of teaching and learning materials if offered</td>
<td>50% 25% 25% 0% 0%</td>
<td>very bad</td>
<td>4</td>
<td>1.75</td>
<td>0.75</td>
</tr>
</tbody>
</table>
1.19) How often did you participate in the exercises?

- 0-25%: 0%
- 25-50%: 0%
- 50-75%: 28.6%
- 75-100%: 71.4%

1.20) How many hours per week do you need for preparation and wrap-up of the course?

- 0 hours: 0%
- 1-2 hours: 42.9%
- 3-4 hours: 57.1%
- 5-6 hours: 0%
- more than 6 hours: 0%

1.21) My knowledge of the contents of the lecture mainly results from (multiple answers possible)

- lecture: 100%
- exercise course: 42.9%
- tutorial: 14.3%
- lecture notes: 85.7%
- literature: 42.9%
- internet: 42.9%
- others: 14.3%

Please rate the following criteria:

1.22) The amount of topics was ...

- too small: 14.3%
- too big: 0%

1.23) The requirements of the exercise on me were ...

- too low: 0%
- too high: 0%

1.24) Do you understand the importance of the course contents to your further studies?

- very clearly: 57.1%
- not at all: 0%

1.25) The course enhances (multiple choice)

- my practical competences: 100%
- transfer and application of the lessons learned to other contexts: 100%
- my analytical capacities: 57.1%
- my own initiative: 42.9%
- my capacity to cooperate: 14.3%
- my independent working skills: 71.4%

1.26) I learn a lot during this course

- completely true: 57.1%
- not at all: 0%
1.27) Does the lecturer point out the connection between theory and practice?

- very strongly: 42.9%
- strongly: 57.1%
- neutral: 0%
- weakly: 0%
- not at all: 0%

2. Questions concerning room conditions

2.1) The size of the room in comparison to the number of course participants is

- appropriate: 71.4%
- very good: 28.6%
- very bad: 0%

2.2) The acoustics in this room is

- very good: 50%
- good: 33.3%
- neutral: 16.7%

2.3) View conditions in this room are

- very good: 50%

3. Questions concerning the homework assignments

3.1) Did you hand in homework assignments for this exercise?

- yes: 100%
- no: 0%

If you did not hand in homework assignments for this exercise please proceed with question 4.1

How applicable are the following statements to you?

3.2) The problems matched the lecture.

- yes, absolutely: 50%
- not at all: 0%

3.3) The problems helped me very much to understand the topics of the lecture.

- yes, absolutely: 33.3%
- not at all: 0%

3.4) In general, the corrections of the problems were made very carefully.

- yes, absolutely: 40%
- not at all: 0%

3.5) The comments of the corrections were very helpful.

- yes, absolutely: 50%
- not at all: 0%

3.6) In general, I found the grading ...

- too mild: 0%
- too strict: 0%

3.7) How big was the portion of the problems solved by myself?

- 0-25%: 0%
- 25-50%: 0%
- 50-75%: 0%
- 75-100%: 100%
4. Questions relating to the studies

4.1) Current study course:

- Bachelor Mathematics: 0%
- Master Mathematics: 33.3%
- Master Economathematics: 33.3%
- Master TeMa: 16.7%
- Teaching degree: 0%
- Diploma Mathematics: 0%
- Diploma Economathematics: 16.7%
- Diploma TeMa: 0%
- Other: 0%

4.2) What is your semester?

- 1-2: 28.6%
- 3-4: 14.3%
- 5-6: 0%
- 7-8: 28.6%
- >8: 28.6%

4.3) Did you attend one or several of the following prep or in-depth courses? (multiple answers are permitted)

- Prep course Mathematics: 14.3%
- MINT-Kolleg courses: 0%
- None: 57.1%

5. Comments

Anonymity cannot be guaranteed for handwritten comments. Please, disguise your writing style, if necessary.

6. Monitoring

6.1) Please rate the course as a whole

- Very good
- Very bad

6.2) How large is the amount of work for this course?

- Very small
- Very large

6.3) The amount of work required for this course is...

- Adequate
- Inadequate

6.4) How is the course structured?

- Very well
- Very badly

6.5) Does the lecture appear dedicated and motivated during the course?

- Very strongly
- Not at all
6.6) Is the lecturer responsive to questions and concerns of the students?

Not at all

Very strongly

1 2 3 4 5

100% 0% 0% 0% 0%

n=7

m=1

σ=0

Thank you for your cooperation!

For more information see: www.pst.kit.edu/eval-info
### 1. Questions relating to Exercises

<table>
<thead>
<tr>
<th>Question</th>
<th>Rating</th>
<th>Mean</th>
<th>Std Dev</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2) How do you assess the participation of your colleagues in the course?</td>
<td>very intensive</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.3) How much do you enjoy attending this course?</td>
<td>very much</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.5) Coordination of the contents of this course with that of other courses in my curriculum is</td>
<td>very good</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.6) Aims and requirements of the lecture are clearly formulated.</td>
<td>yes, absolutely</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.7) The design (with regard to contents) of the lecture was comprehensible to me.</td>
<td>yes, absolutely</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.8) The relevance of the topics was made clear.</td>
<td>yes, absolutely</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.9) The presentation (on blackboard or the like) was clear.</td>
<td>yes, absolutely</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.10) The presentation (on blackboard or the like) was legible.</td>
<td>yes, absolutely</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.11) The exercise course stimulated my interest in the subject.</td>
<td>yes, absolutely</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.12) I felt free to bring in questions and comments.</td>
<td>yes, absolutely</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.13) Contents</td>
<td>very easy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.14) The matching with the lecture.</td>
<td>very high</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.15) Knowledge gain.</td>
<td>very high</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.16) Speed</td>
<td>very slow</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.17) Clarity (by helpful examples)</td>
<td>very clear</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.18) Suitability of teaching and learning materials if offered</td>
<td>very good</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.22) The amount of topics was ...</td>
<td>too small</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.23) The requirements of the exercise on me were</td>
<td>too low</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.24) Do you understand the importance of the course contents to your further studies?</td>
<td>very clearly</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.26) I learned a lot during this course</td>
<td>completely true</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.27) Does the lecturer point out the connection between theory and practice?</td>
<td>very strongly</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 2. Questions concerning room conditions

<table>
<thead>
<tr>
<th>Question</th>
<th>Rating</th>
<th>Mean</th>
<th>Std Dev</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1) The size of the room in comparison to the number of course participants is</td>
<td>Appropriate</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
2.2) The acoustics in this room is

<table>
<thead>
<tr>
<th>Very good</th>
<th></th>
<th></th>
<th></th>
<th>Very bad</th>
</tr>
</thead>
</table>

n=7  \( \text{max}=1.29 \)

2.3) View conditions in this room are

<table>
<thead>
<tr>
<th>Very good</th>
<th></th>
<th></th>
<th></th>
<th>Very bad</th>
</tr>
</thead>
</table>

n=6  \( \text{max}=1.67 \)

3. Questions concerning the homework assignments

3.2) The problems matched the lecture.

<table>
<thead>
<tr>
<th>yes, absolutely</th>
<th></th>
<th></th>
<th></th>
<th>no, not at all</th>
</tr>
</thead>
</table>

n=6  \( \text{max}=1.07 \)

3.3) The problems helped me very much to understand the topics of the lecture.

<table>
<thead>
<tr>
<th>yes, absolutely</th>
<th></th>
<th></th>
<th></th>
<th>no, not at all</th>
</tr>
</thead>
</table>

n=6  \( \text{max}=1.07 \)

3.4) In general, the corrections of the problems were made very carefully.

<table>
<thead>
<tr>
<th>yes, absolutely</th>
<th></th>
<th></th>
<th></th>
<th>no, not at all</th>
</tr>
</thead>
</table>

n=5  \( \text{max}=1.60 \)

3.5) The comments of the corrections were very helpful.

<table>
<thead>
<tr>
<th>yes, absolutely</th>
<th></th>
<th></th>
<th></th>
<th>no, not at all</th>
</tr>
</thead>
</table>

n=6  \( \text{max}=1.50 \)

3.6) In general, I found the grading ...

<table>
<thead>
<tr>
<th>too mild</th>
<th></th>
<th></th>
<th></th>
<th>too strict</th>
</tr>
</thead>
</table>

n=5  \( \text{max}=2.60 \)

6. Monitoring

6.1) Please rate the course as a whole

<table>
<thead>
<tr>
<th>very good</th>
<th></th>
<th></th>
<th></th>
<th>very bad</th>
</tr>
</thead>
</table>

n=7  \( \text{max}=1.14 \)

6.2) How large is the amount of work for this course?

<table>
<thead>
<tr>
<th>very small</th>
<th></th>
<th></th>
<th></th>
<th>very large</th>
</tr>
</thead>
</table>

n=7  \( \text{max}=3.83 \)

6.3) The amount of work required for this course is...

<table>
<thead>
<tr>
<th>adequate</th>
<th></th>
<th></th>
<th></th>
<th>inadequate</th>
</tr>
</thead>
</table>

n=7  \( \text{max}=2.14 \)

6.4) How is the course structured?

<table>
<thead>
<tr>
<th>very well</th>
<th></th>
<th></th>
<th></th>
<th>very badly</th>
</tr>
</thead>
</table>

n=7  \( \text{max}=1.29 \)

6.5) Does the lecture appear dedicated and motivated during the course?

<table>
<thead>
<tr>
<th>very strongly</th>
<th></th>
<th></th>
<th></th>
<th>not at all</th>
</tr>
</thead>
</table>

n=7  \( \text{max}=1.29 \)

6.6) Is the lecturer responsive to questions and concerns of the students?

<table>
<thead>
<tr>
<th>very strongly</th>
<th></th>
<th></th>
<th></th>
<th>not at all</th>
</tr>
</thead>
</table>

n=7  \( \text{max}=1.00 \)
5. Comments

Do you have suggestions for improvement of the exercise course (e.g. praise, criticism, ...) or regarding the evaluation sheet?

The computers are too slow!
More advanced methods were not covered