



Universität Ulm | Stab QBR | 89081 Ulm | Germany

To
Mr.
Prof. Dr. Karsten Urban

personal / confidential

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: cf'gi V^WfgdYVZ]W]bei Jf]Yg
d'YUgY'i gY'h YVt:bhUWf'jghVYck "

Course evaluation report

Dear Mr. Prof. Dr. Urban,

enclosed you will find the results of the evaluation for your lecture "Numerische Analysis (Numerik 2)" in the SoSe19.

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

Best regards,

7 cbhUWfg'Z:f'gi V^Wfg'UbX'XYdUfha Ybfg

Advanced Materials: Dr. Maria-Verena Kohnle (maria-verena.kohnle@uni-ulm.de)
Biology: Helga Theilacker (helga.theilacker@uni-ulm.de)
Chemistry: Mark Hammerschmidt (mark.hammerschmidt@uni-ulm.de)
Chemical Engineering: Dr. Maria-Verena Kohnle (maria-verena.kohnle@uni-ulm.de)
Computational Science and Engineering: Beate Mayer (beate.mayer@uni-ulm.de)
Energy Science & Technology: Dr. Maria-Verena Kohnle (maria-verena.kohnle@uni-ulm.de)
Humboldt-Studienzentrum: Bettina Meyer-Quintus (bettina.meyer-quintus@uni-ulm.de)
Informatics: Christian Schilling, Nadine Harsch (hsq1.fin@uni-ulm.de)
Engineering: Sebastian Vendt (sebastian.vendt@uni-ulm.de)
Mathematics: Anastasia Schulz (anastasia.schulz@uni-ulm.de)
Physics: Béatrice Fritsche-Poizat (beatrice.fritsche-poizat@uni-ulm.de)
Psychology: Haike Medenblik (haike.medenblik@uni-ulm.de)
Language Center: Christian Timm (christian.timm@uni-ulm.de)
Economics: Canan Kaplan (canan.kaplan@uni-ulm.de)

Prof. Dr. Karsten Urban
 Numerische Analysis (Numerik 2) (MATH4002.010)
 No. of responses = 33



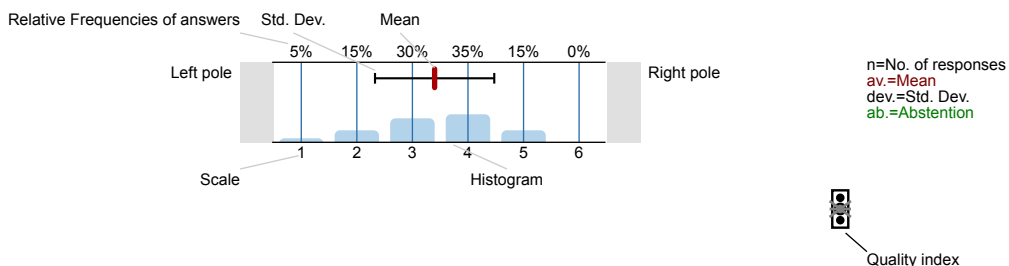
Overall indicators

Organisation of the lecture		negative (-)	positive (+)	av.=4,9 dev.=0,8
Clearness of the Subject Matter		negative (-)	positive (+)	av.=4,6 dev.=1
Teaching Style of the Lecturer		negative (-)	positive (+)	av.=4,9 dev.=0,9
Increase of Knowledge		negative (-)	positive (+)	av.=4,5 dev.=1
Promotion of Interest		negative (-)	positive (+)	av.=4,5 dev.=1,1
Overall Assessment		negative (-)	positive (+)	av.=4,9 dev.=1,1

Survey Results

Legend

Question text



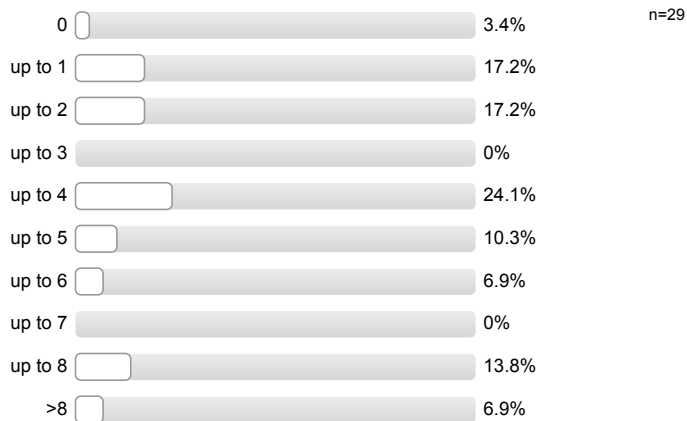
Description of quality symbol	Mean value is below the quality guideline.	Mean is within the range of tolerance for the quality guideline.	Mean value is within the quality guideline.
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Preparation and follow-up

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

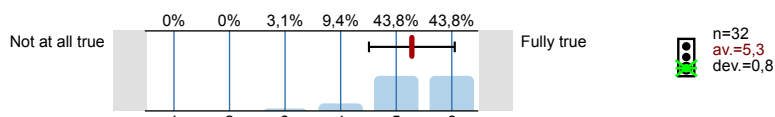
mandatory	<input type="text"/>	42.4%	n=33
interest	<input type="text"/>	33.3%	
lecturer	<input type="text"/>	18.2%	
exam	<input type="text"/>	78.8%	
test	<input type="text"/>	39.4%	
relevant topic	<input type="text"/>	45.5%	

How much time do you spend for preparing and recapitulating the course (hours/week)?

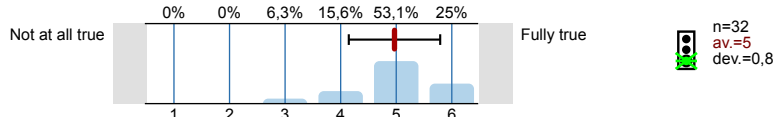


Organisation of the lecture

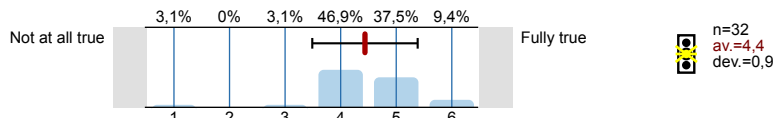
The course follows an easily comprehensible structure throughout the semester.



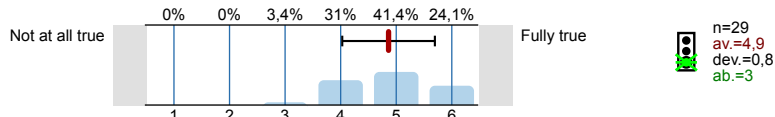
The subject's structure (line of thought) is very easily comprehensible in every lesson of the course.



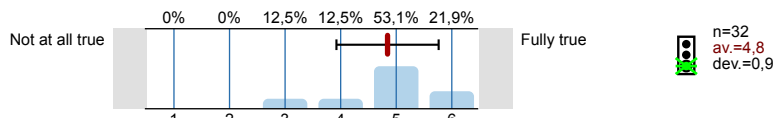
The lecturer always gives helpful summaries and subject overviews.



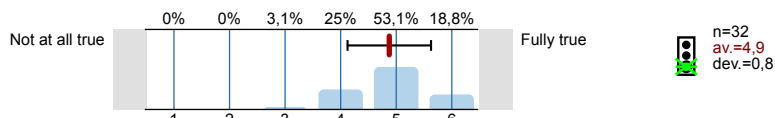
Teaching aids (e.g. board, audio-visual presentations, etc) always support the course in a meaningful way.



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

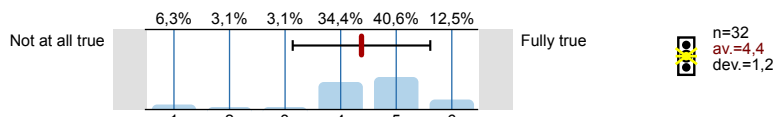


The applied materials (e.g. slides, scripts) are always designed clearly.

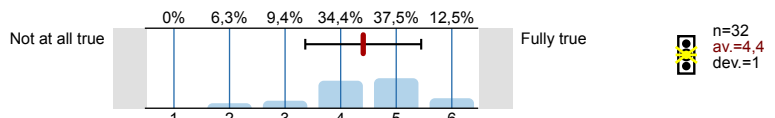


Course contents

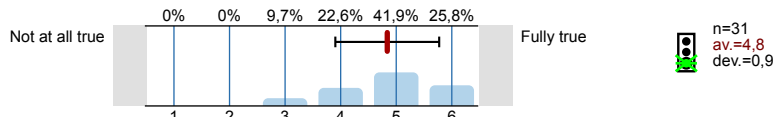
The speed of teaching is always adequate.



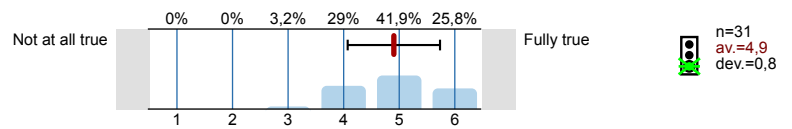
The subject matter is not too difficult.



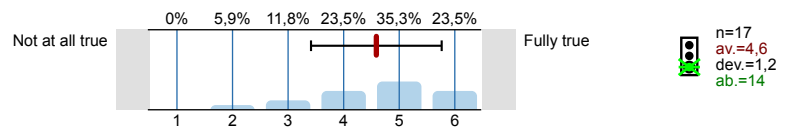
I had enough background knowledge to understand the contents well.



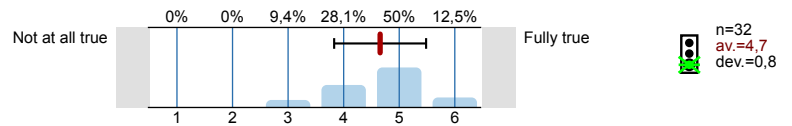
The course contents are adequately illustrated by reference to practice/application.



The subject is very well illustrated by experiments or the description of experiments.

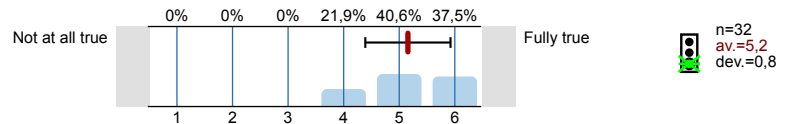


The subject is very well illustrated by examples.

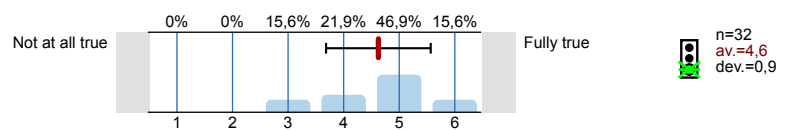


The lecturer's teaching style

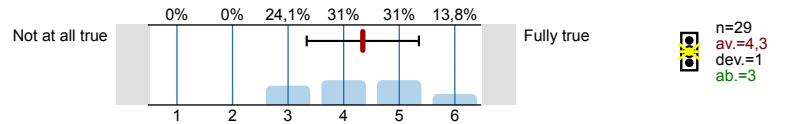
The lecturer often establishes relations between the contents.



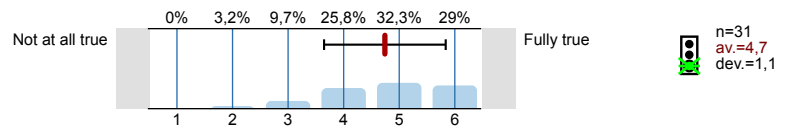
Difficult facts are always explained clearly.



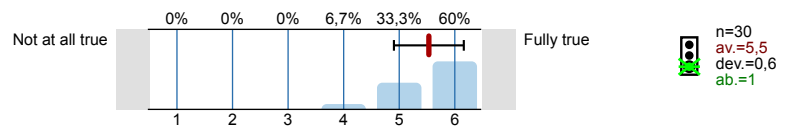
The lecturer uses a varied teaching approach (in the course).



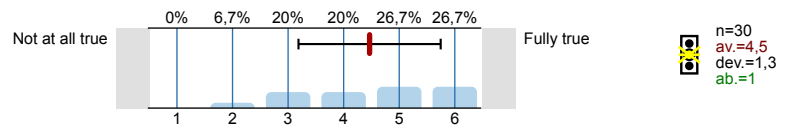
I find the lecturer always presents the course in an interesting way.



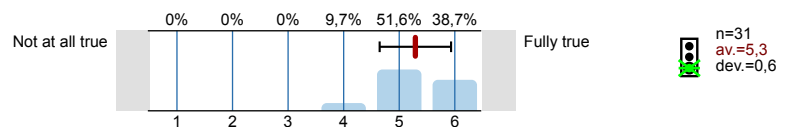
The lecturer always manages to keep up contact (e.g. eye contact) with the audience.



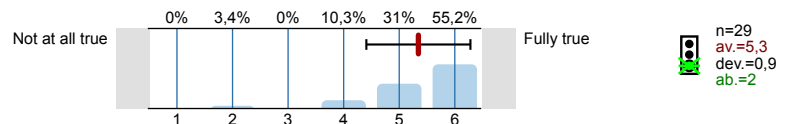
The lecturer always encourages active participation (e.g. asking questions, discussion).



The general climate of the course is very pleasant.

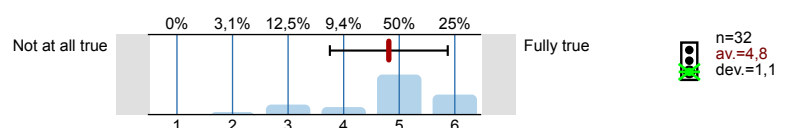


The lecturer always deals adequately with interruptions (e.g. noise or disturbance by participants or technical problems).

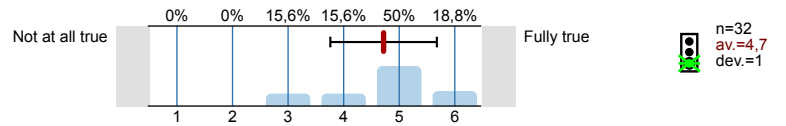


Your knowledge

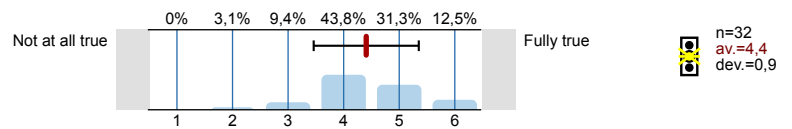
My state of knowledge has considerably grown since the course.



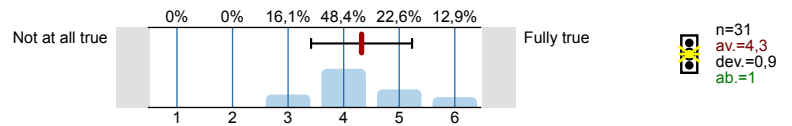
Now I have a considerably deeper knowledge than before the course.



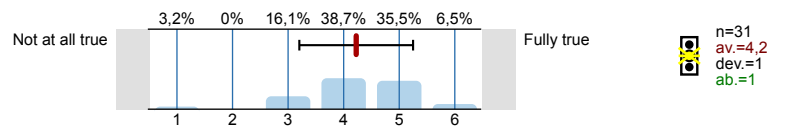
I've understood the most important content very well.



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

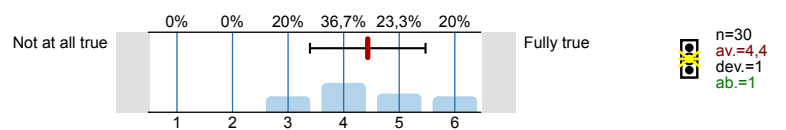


Due to this course I am capable of clearly describing the complex facts covered.

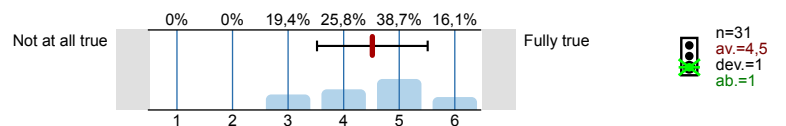


Overall course assessment

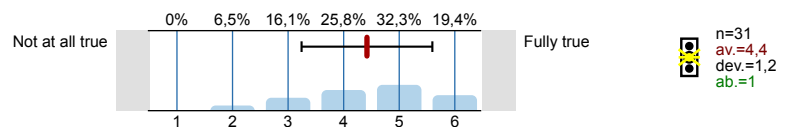
I learn things in this course which inspire me.



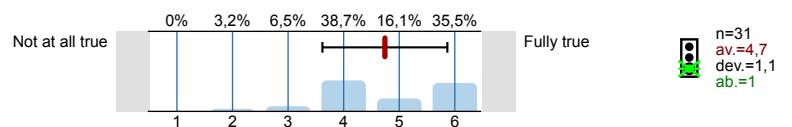
The course stimulates my interest in the subject material.



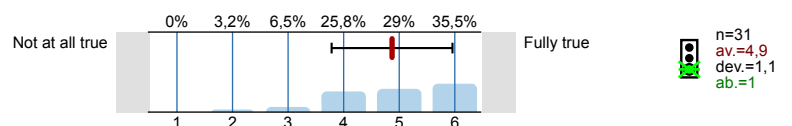
The course stimulates my interest in the studies



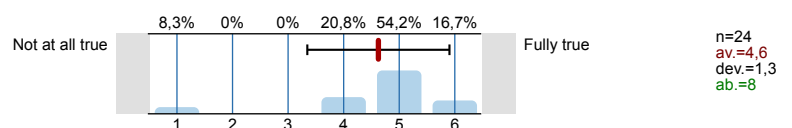
I would recommend this course.



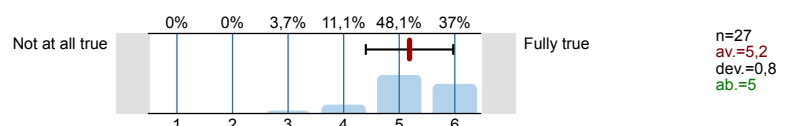
All in all the course is very good.

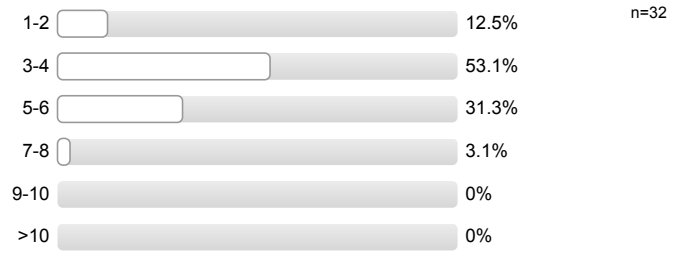


Course preparation and recapitulation were adequately supported by Lecture Capture.



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



What semester are you in?**Degree****Do you study for a teaching profession?**

Profile

Subunit: **Mathematik**
 Name of the instructor: **Prof. Dr. Karsten Urban**
 Name of the course: **Numerische Analysis (Numerik 2)**
 (Name of the survey)

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=32	av.=5,3	md=5,0	dev.=0,8
The subject's structure (line of thought) is very easily comprehensible in every lesson of the course.	Not at all true							Fully true	n=32	av.=5,0	md=5,0	dev.=0,8
The lecturer always gives helpful summaries and subject overviews.	Not at all true							Fully true	n=32	av.=4,4	md=4,0	dev.=0,9
Teaching aids (e.g. board, audio-visual presentations, etc) always support the course in a meaningful way.	Not at all true							Fully true	n=29	av.=4,9	md=5,0	dev.=0,8
The applied materials (e.g. slides, scripts) are very useful for understanding the content.	Not at all true							Fully true	n=32	av.=4,8	md=5,0	dev.=0,9
The applied materials (e.g. slides, scripts) are always designed clearly.	Not at all true							Fully true	n=32	av.=4,9	md=5,0	dev.=0,8

Course contents

The speed of teaching is always adequate.	Not at all true							Fully true	n=32	av.=4,4	md=5,0	dev.=1,2
The subject matter is not too difficult.	Not at all true							Fully true	n=32	av.=4,4	md=4,5	dev.=1,0
I had enough background knowledge to understand the contents well.	Not at all true							Fully true	n=31	av.=4,8	md=5,0	dev.=0,9
The course contents are adequately illustrated by reference to practice/application.	Not at all true							Fully true	n=31	av.=4,9	md=5,0	dev.=0,8
The subject is very well illustrated by experiments or the description of experiments.	Not at all true							Fully true	n=17	av.=4,6	md=5,0	dev.=1,2
The subject is very well illustrated by examples.	Not at all true							Fully true	n=32	av.=4,7	md=5,0	dev.=0,8

The lecturer's teaching style

The lecturer often establishes relations between the contents.	Not at all true							Fully true	n=32	av.=5,2	md=5,0	dev.=0,8
Difficult facts are always explained clearly.	Not at all true							Fully true	n=32	av.=4,6	md=5,0	dev.=0,9
The lecturer uses a varied teaching approach (in the course).	Not at all true							Fully true	n=29	av.=4,3	md=4,0	dev.=1,0
I find the lecturer always presents the course in an interesting way.	Not at all true							Fully true	n=31	av.=4,7	md=5,0	dev.=1,1
The lecturer always manages to keep up contact (e.g. eye contact) with the audience.	Not at all true							Fully true	n=30	av.=5,5	md=6,0	dev.=0,6
The lecturer always encourages active participation (e.g. asking questions, discussion).	Not at all true							Fully true	n=30	av.=4,5	md=5,0	dev.=1,3
The general climate of the course is very pleasant.	Not at all true							Fully true	n=31	av.=5,3	md=5,0	dev.=0,6

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



n=29 av.=5,3 md=6,0 dev.=0,9

Your knowledge

My state of knowledge has considerably grown since the course.



n=32 av.=4,8 md=5,0 dev.=1,1

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



n=32 av.=4,7 md=5,0 dev.=1,0

I've understood the most important content very well.



n=32 av.=4,4 md=4,0 dev.=0,9

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



n=31 av.=4,3 md=4,0 dev.=0,9

Due to this course I am capable of clearly describing the complex facts covered.



n=31 av.=4,2 md=4,0 dev.=1,0

Overall course assessment

I learn things in this course which inspire me.



n=30 av.=4,4 md=4,0 dev.=1,0

The course stimulates my interest in the subject material.



n=31 av.=4,5 md=5,0 dev.=1,0

The course stimulates my interest in the studies



n=31 av.=4,4 md=5,0 dev.=1,2

I would recommend this course.



n=31 av.=4,7 md=5,0 dev.=1,1

All in all the course is very good.



n=31 av.=4,9 md=5,0 dev.=1,1

Course preparation and recapitulation were adequately supported by Lecture Capture.



n=24 av.=4,6 md=5,0 dev.=1,3

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



n=27 av.=5,2 md=5,0 dev.=0,8

Comments Report

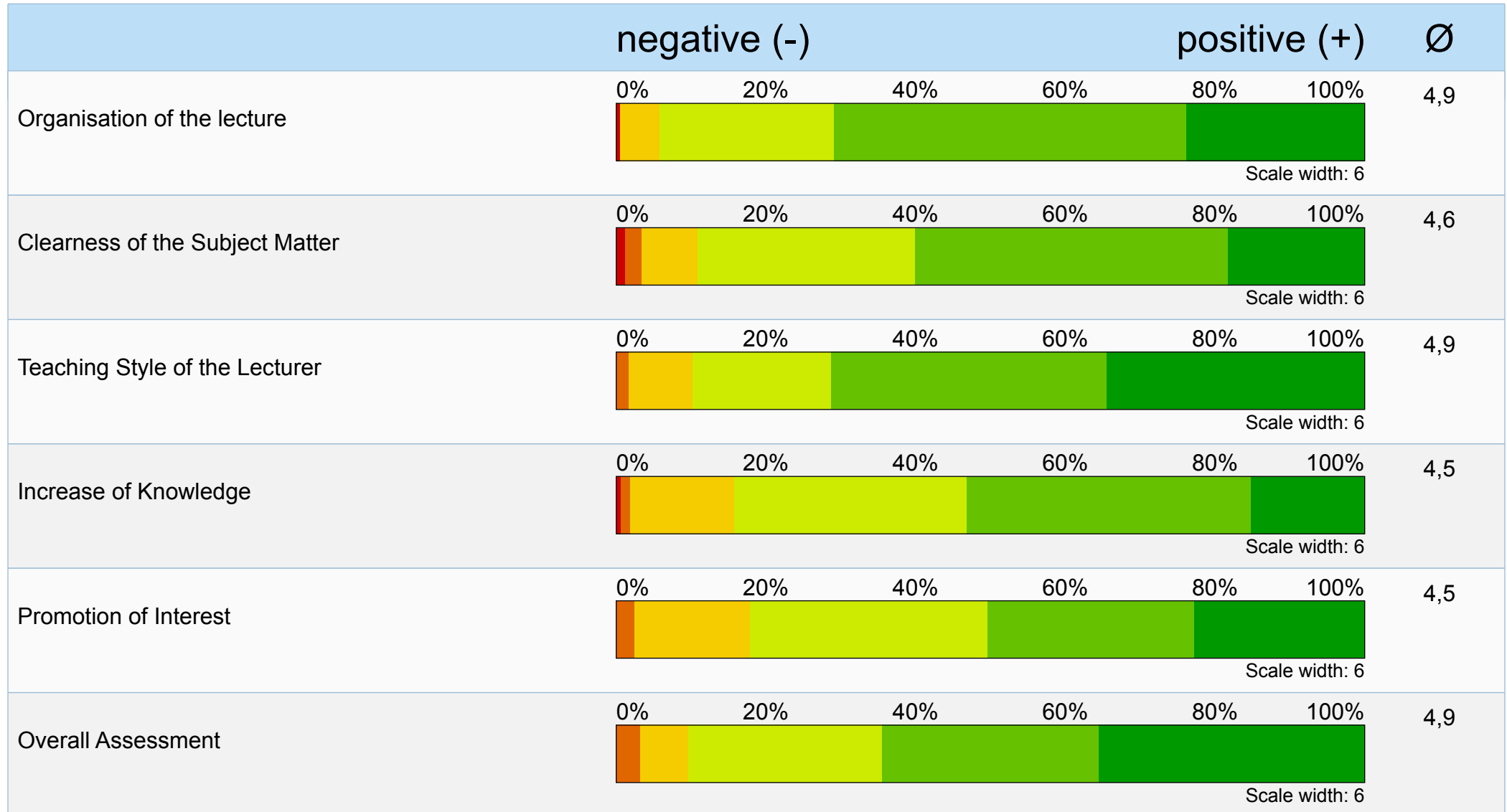
What do you particularly like in the course?

- -programming is fun
- Ausführliches Skript, engagierte Vortragsweise, regelmäßige Einordnung in die Praxis
- Das System mit den Tutorien ist sehr hilfreich!
Vielen Dank, dass Sie das ermöglichen!
In Numerik 1 war das Angebot der Fragestunde vor der Klausur sehr hilfreich.
- Die Betreuung ist sehr stark.
- Die Inhalte werden immer sehr gut und begeisternd erklärt.
- Die hervorragende Betreuung.
- Gute Vorlesung
Klar strukturierte Aufschreibe
Übungsbetrieb gut strukturiert
Guter Übungsleiter
- Sehr Gutes Tutorium bei Laura
- Sehr gute Vortragsweise
Dozent ist engagiert
- Skript
- Vortragsart des Professors
- gutes Tafelbild, sehr strukturiert
- Übung als Tutorium halten (indem Tusammenfassung des Stoffs gegeben wird)

What could be improved? (if any, name suggestions for improvement)

- - language of evaluation
- 1. Manchmal fehlt mir am Ende eines Themas ein bisschen die Übersicht bzw der Ausblick
Zum Beispiel bei Interpolation wurden viele Algorithmen und Beispiele gemacht aber, aber alles für Polynominterpolation in 1D
Hier hat mir etwas Kontext gefehlt was es noch für Möglichkeiten gibt (Mehrdimensionale, Fouriertransformation...)
- 2. Skript könnte mit Links (Latex Hyperlinks) verbessert werden
- Abgabe Sonntag Abend ist stressig, wenn man MatLab in der Uni macht.
Allgemein sind die Tutorien in Stochastik 1 (wo es dieses Semester zum ersten Mal Votier-Tutorien gibt) auch nur montags und dienstags, was zeitlich schlecht verteilt ist und es vermutlich einige gibt, die beides betrifft.
Aber wenn man zB Übung und Vorlesung tauschen würde, kämen vielleicht noch weniger in die Übung.
Eine Probeklausur wäre hilfreich, bzw einzelne durchgesprochene Altklausuraufgaben. Es hört sich immer so an, als gäbe es einige Standardklausuraufgaben, aber wenn man die Klausur zum ersten Mal schreibt, hat man da ja noch keine Erfahrungen.
- Deutlich langsamer. Mehr zwischenschritte erklären.a
- Die Tutorien sind je nach Tutor sehr unterschiedlich und man lernt viel oder einfach gar nichts (genauer klären, was dir Aufgabe des Tutors ist, unsere Abgaben werden nicht mal immer angeschaut).
Bitte eine Probeklausur. In der Übung besser Stoffzusammenfassung machen und nicht einfach Übungsblatt nochmal runterrechnen.
- Evaluation auf Deutsch
Sehr gute Vorlesung, aber leider ist der Termin nicht ganz so perfekt!
- Evaluation in gleicher Sprache wie die Vorlesung!!
Freitag um 8 nicht ideal (siehe Besucherzahl der Vorlesung)
- German evaluation for a German lecture
- Herr Urban könnte sich mal von seinen sehr Kompetenten Hilfskräften (Laura B , Klaus Stolle, Stefan Hain) eine Scheibe abschneiden
- In moodle schreiben was man in der Vorlesung vom Skript genau gemacht hat und was man auslässt
- Mehr Vorlesungen die Woche, dafür langsamer (evtl dafür 1 der tutorien streichen)

- Oft fehlen Zusammenhänge zwischen Herleitung/Motivation und resultierenden Formeln, formal manchmal zu unsauber
- Teilweise sehr schnell, mehr konkrete Beispiele aus der Praxis wären schön (zB vergangene Projekte erwähnen)
In der Übungsstunde mehr Matlab, keine Übungsaufgaben im Detail vorrechnen, dafür gibt es doch dann eine ausführliche Lösung online
- Zeitpunkt der Vorlesung (Uhrzeit)



Subgroup

For question: Study program (multiple choice possible)

Group: Computational Scienc...

Forms: 8

Prof. Dr. Karsten Urban

Numerische Analysis (Numerik 2) / Subgroup "Computational Science and Engineering" (MATH4002.010)
No. of responses = 8



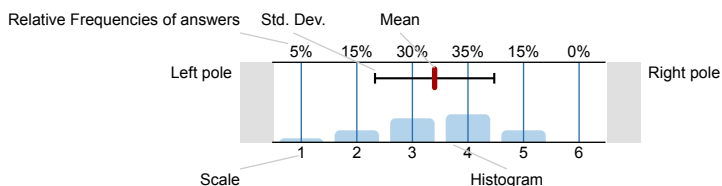
Overall indicators

Organisation of the lecture		negative (-) positive (+)	av.=5 dev.=0,7
Clearness of the Subject Matter		negative (-) positive (+)	av.=4,2 dev.=1
Teaching Style of the Lecturer		negative (-) positive (+)	av.=5 dev.=0,9
Increase of Knowledge		negative (-) positive (+)	av.=4,8 dev.=0,7
Promotion of Interest		negative (-) positive (+)	av.=5,1 dev.=1
Overall Assessment		negative (-) positive (+)	av.=5,4 dev.=0,7

Survey Results

Legend

Question text



n=No. of responses
av.=Mean
dev.=Std. Dev.
ab.=Abstention



Quality index

Description of quality symbol



Mean value is below the quality guideline.



Mean is within the range of tolerance for the quality guideline.



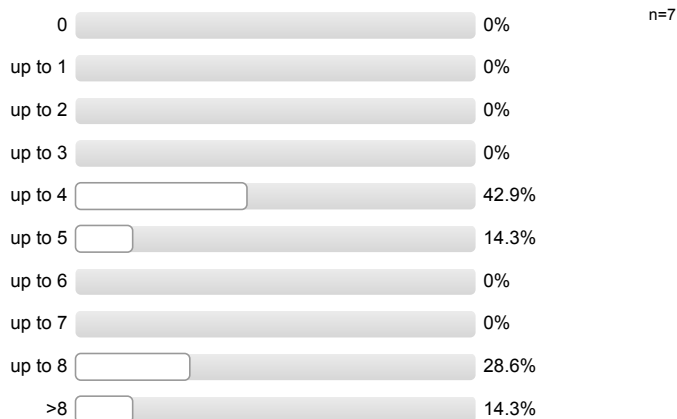
Mean value is within the quality guideline.

Preparation and follow-up

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

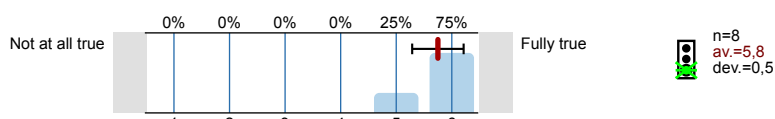
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interest	<input type="text" value="62.5%"/>	62.5%	
lecturer	<input type="text" value="25%"/>	25%	
exam	<input type="text" value="75%"/>	75%	
test	<input type="text" value="12.5%"/>	12.5%	
relevant topic	<input type="text" value="75%"/>	75%	

How much time do you spend for preparing and recapitulating the course (hours/week)?

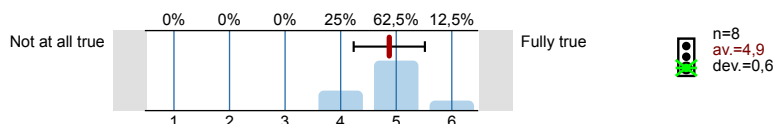


Organisation of the lecture

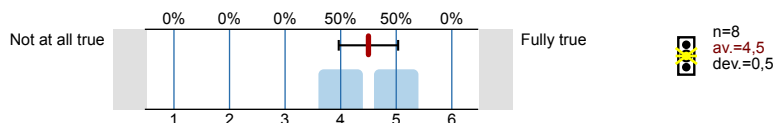
The course follows an easily comprehensible structure throughout the semester.



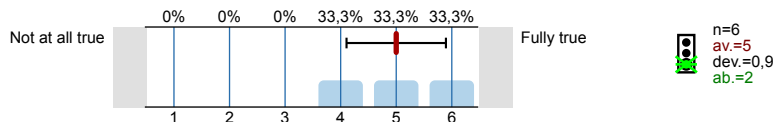
The subject's structure (line of thought) is very easily comprehensible in every lesson of the course.



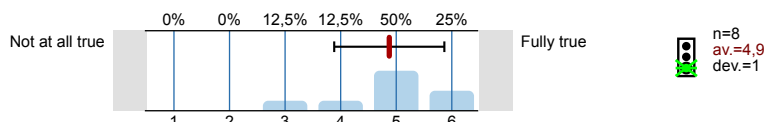
The lecturer always gives helpful summaries and subject overviews.



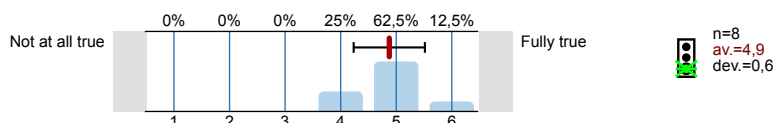
Teaching aids (e.g. board, audio-visual presentations, etc) always support the course in a meaningful way.



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

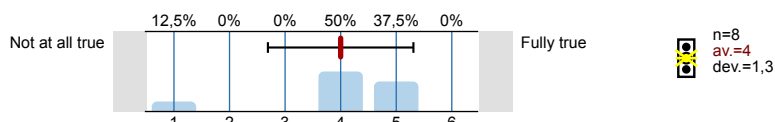


The applied materials (e.g. slides, scripts) are always designed clearly.

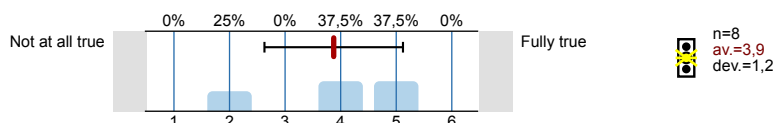


Course contents

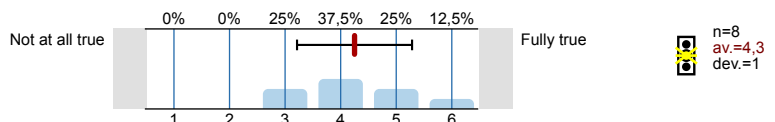
The speed of teaching is always adequate.



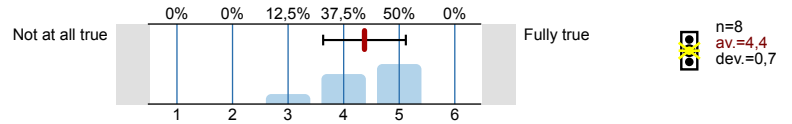
The subject matter is not too difficult.



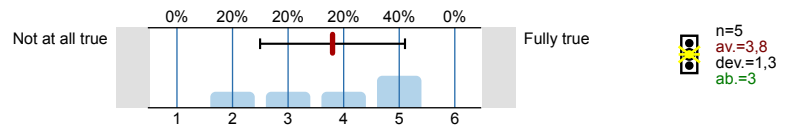
I had enough background knowledge to understand the contents well.



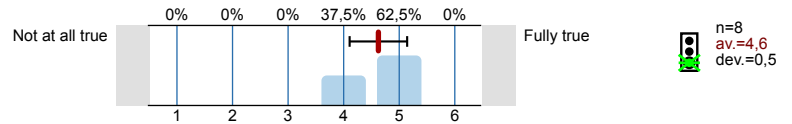
The course contents are adequately illustrated by reference to practice/application.



The subject is very well illustrated by experiments or the description of experiments.

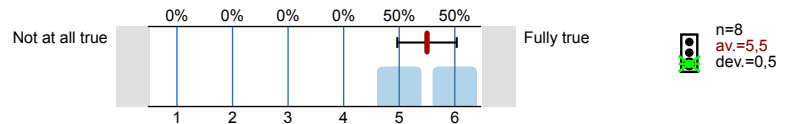


The subject is very well illustrated by examples.

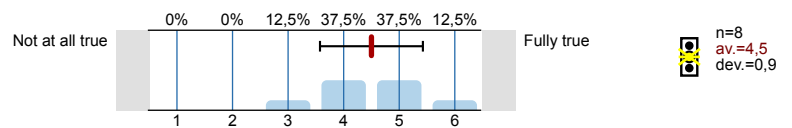


The lecturer's teaching style

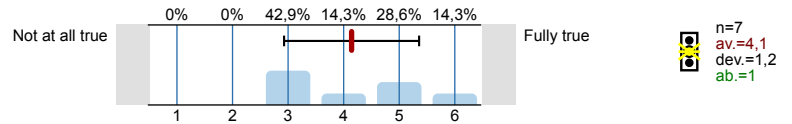
The lecturer often establishes relations between the contents.



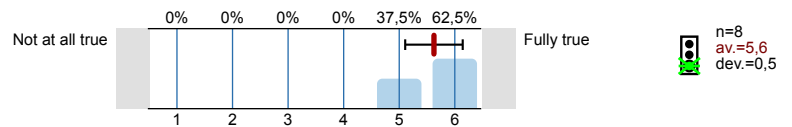
Difficult facts are always explained clearly.



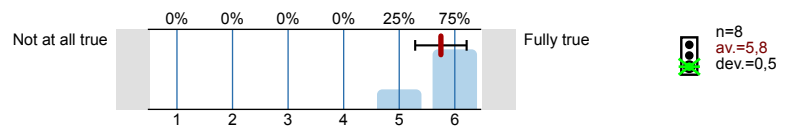
The lecturer uses a varied teaching approach (in the course).



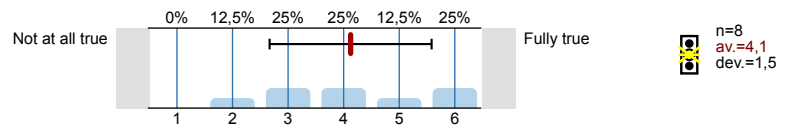
I find the lecturer always presents the course in an interesting way.



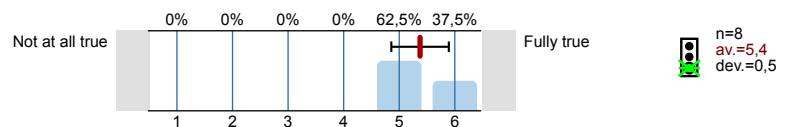
The lecturer always manages to keep up contact (e.g. eye contact) with the audience.



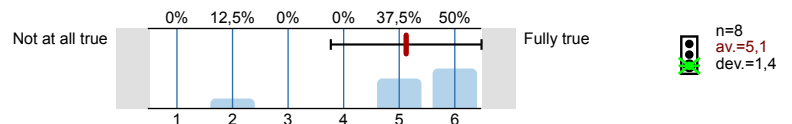
The lecturer always encourages active participation (e.g. asking questions, discussion).



The general climate of the course is very pleasant.

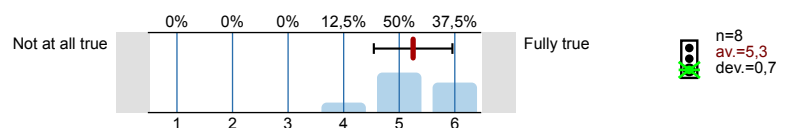


The lecturer always deals adequately with interruptions (e.g. noise or disturbance by participants or technical problems).

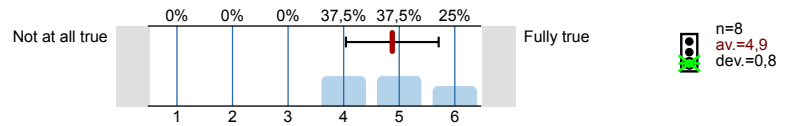


Your knowledge

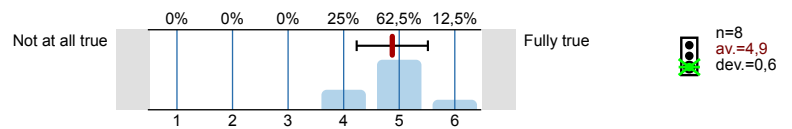
My state of knowledge has considerably grown since the course.



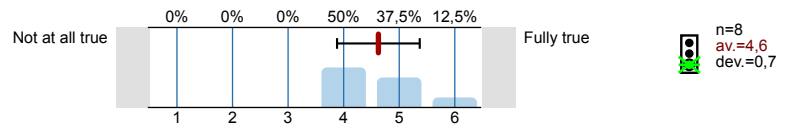
Now I have a considerably deeper knowledge than before the course.



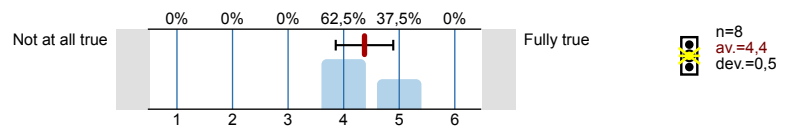
I've understood the most important content very well.



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

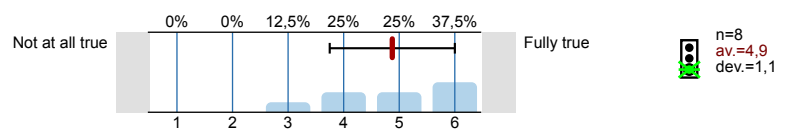


Due to this course I am capable of clearly describing the complex facts covered.

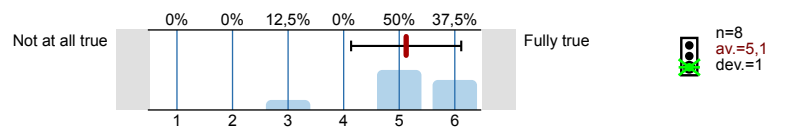


Overall course assessment

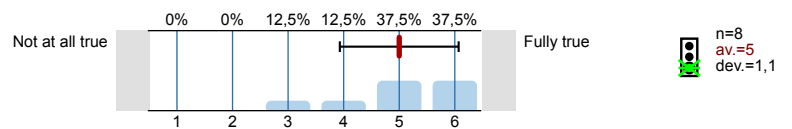
I learn things in this course which inspire me.



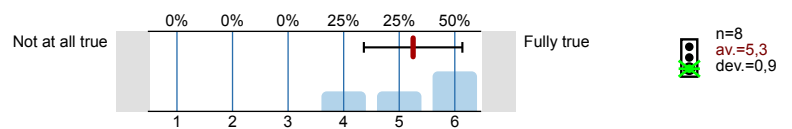
The course stimulates my interest in the subject material.



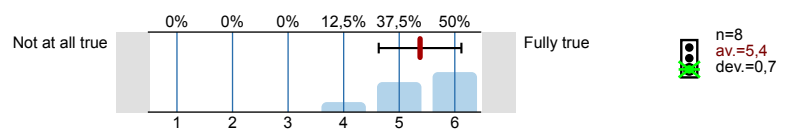
The course stimulates my interest in the studies



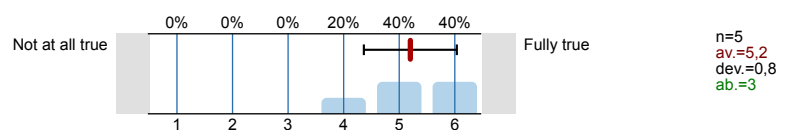
I would recommend this course.



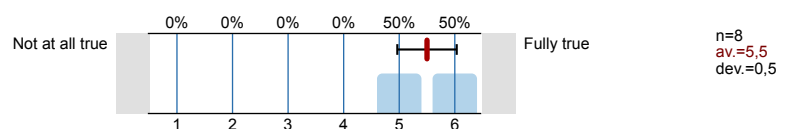
All in all the course is very good.

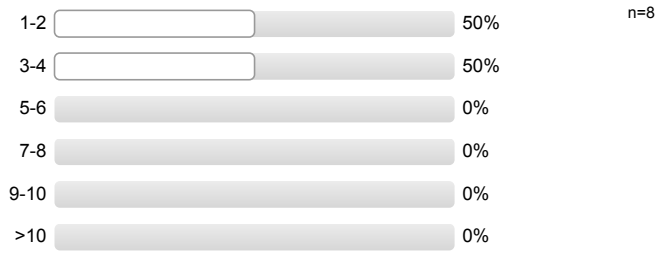
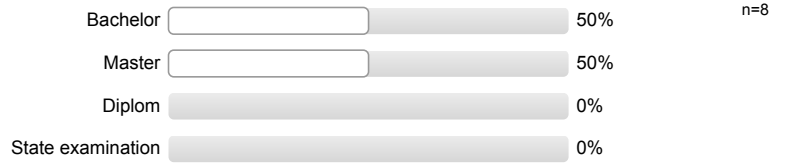


Course preparation and recapitulation were adequately supported by Lecture Capture.



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



What semester are you in?**Degree****Do you study for a teaching profession?**

Profile

Subgroup: Numerische Analysis (Numerik 2) / Subgroup "Computational Science and Engineering"

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=8	av.=5,8	md=6,0	dev.=0,5
The subject's structure (line of thought) is very easily comprehensible in every lesson of the course.	Not at all true							Fully true	n=8	av.=4,9	md=5,0	dev.=0,6
The lecturer always gives helpful summaries and subject overviews.	Not at all true							Fully true	n=8	av.=4,5	md=4,5	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.=5,0	md=5,0	dev.=0,9
The applied materials (e.g. slides, scripts) are very useful for understanding the content.	Not at all true							Fully true	n=8	av.=4,9	md=5,0	dev.=1,0
The applied materials (e.g. slides, scripts) are always designed clearly.	Not at all true							Fully true	n=8	av.=4,9	md=5,0	dev.=0,6

Course contents

The speed of teaching is always adequate.	Not at all true							Fully true	n=8	av.=4,0	md=4,0	dev.=1,3
The subject matter is not too difficult.	Not at all true							Fully true	n=8	av.=3,9	md=4,0	dev.=1,2
I had enough background knowledge to understand the contents well.	Not at all true							Fully true	n=8	av.=4,3	md=4,0	dev.=1,0
The course contents are adequately illustrated by reference to practice/application.	Not at all true							Fully true	n=8	av.=4,4	md=4,5	dev.=0,7
The subject is very well illustrated by experiments or the description of experiments.	Not at all true							Fully true	n=5	av.=3,8	md=4,0	dev.=1,3
The subject is very well illustrated by examples.	Not at all true							Fully true	n=8	av.=4,6	md=5,0	dev.=0,5

The lecturer's teaching style

The lecturer often establishes relations between the contents.	Not at all true							Fully true	n=8	av.=5,5	md=5,5	dev.=0,5
Difficult facts are always explained clearly.	Not at all true							Fully true	n=8	av.=4,5	md=4,5	dev.=0,9
The lecturer uses a varied teaching approach (in the course).	Not at all true							Fully true	n=7	av.=4,1	md=4,0	dev.=1,2
I find the lecturer always presents the course in an interesting way.	Not at all true							Fully true	n=8	av.=5,6	md=6,0	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=8	av.=5,8	md=6,0	dev.=0,5
The lecturer always encourages active participation (e.g. asking questions, discussion).	Not at all true							Fully true	n=8	av.=4,1	md=4,0	dev.=1,5
The general climate of the course is very pleasant.	Not at all true							Fully true	n=8	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=8	av.=5,1	md=5,5	dev.=1,4

Your knowledge

My state of knowledge has considerably grown since the course.	Not at all true		Fully true	n=8	av.=5,3	md=5,0	dev.=0,7
Now I have a considerably deeper knowledge than before the course.	Not at all true		Fully true	n=8	av.=4,9	md=5,0	dev.=0,8
I've understood the most important content very well.	Not at all true		Fully true	n=8	av.=4,9	md=5,0	dev.=0,6
Due to this course I am capable of giving a good overview about the covered topic.	Not at all true		Fully true	n=8	av.=4,6	md=4,5	dev.=0,7
Due to this course I am capable of clearly describing the complex facts covered.	Not at all true		Fully true	n=8	av.=4,4	md=4,0	dev.=0,5

Overall course assessment

I learn things in this course which inspire me.	Not at all true		Fully true	n=8	av.=4,9	md=5,0	dev.=1,1
The course stimulates my interest in the subject material.	Not at all true		Fully true	n=8	av.=5,1	md=5,0	dev.=1,0
The course stimulates my interest in the studies	Not at all true		Fully true	n=8	av.=5,0	md=5,0	dev.=1,1
I would recommend this course.	Not at all true		Fully true	n=8	av.=5,3	md=5,5	dev.=0,9
All in all the course is very good.	Not at all true		Fully true	n=8	av.=5,4	md=5,5	dev.=0,7
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.=0,8
Course preparation and recapitulation were adequately supported by E-Learning activities (e.g. Moodle).	Not at all true		Fully true	n=8	av.=5,5	md=5,5	dev.=0,5

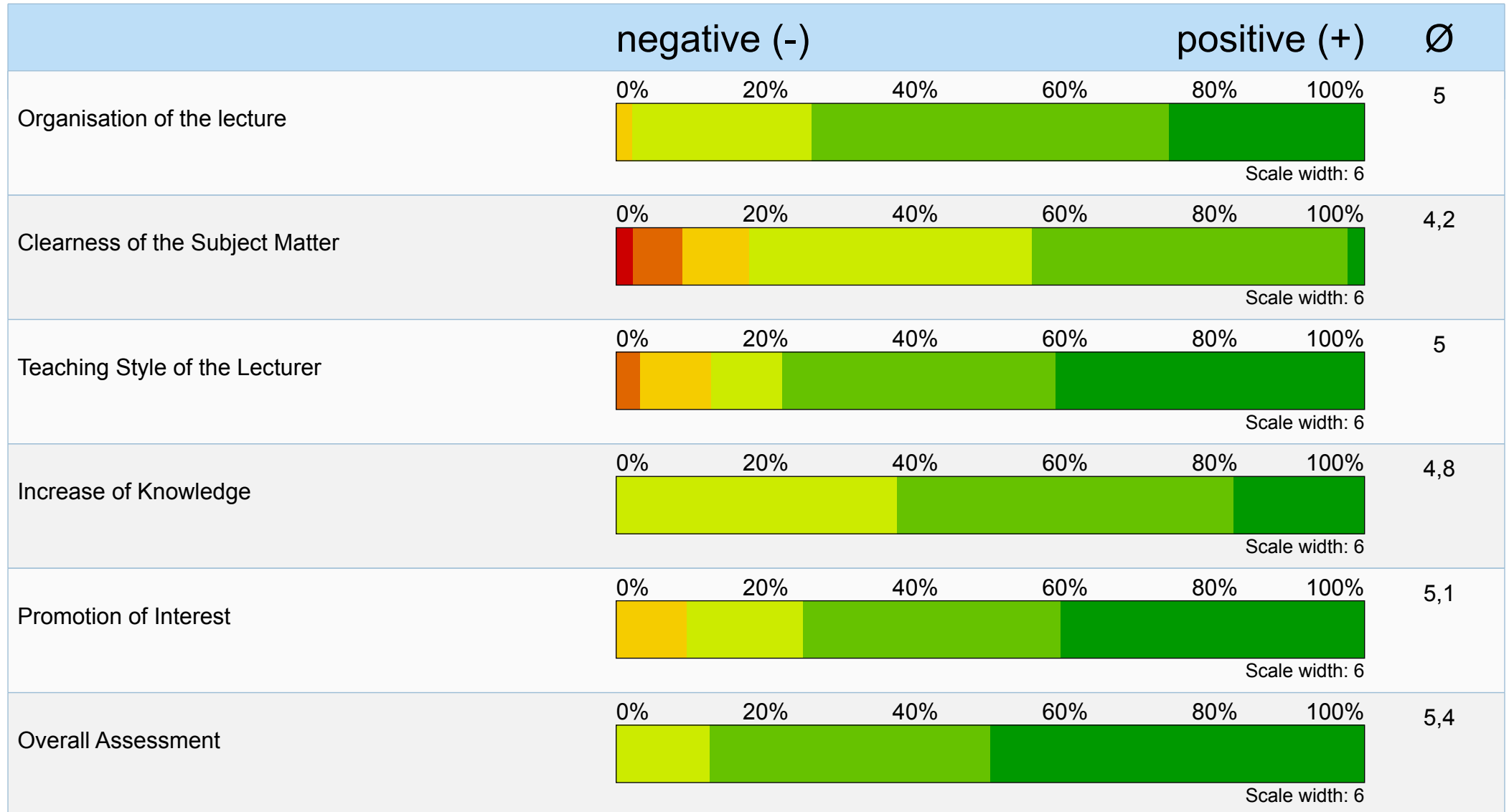
Comments Report

What do you particularly like in the course?

- Die Betreuung ist sehr stark.
- Die Inhalte werden immer sehr gut und begeistert erklärt.
- Die hervorragende Betreuung.
- Gute Vorlesung
 - Klar strukturierte Aufschreibe
 - Übungsbetrieb gut strukturiert
 - Guter Übungsleiter

What could be improved? (if any, name suggestions for improvement)

- 1. Manchmal fehlt mir am Ende eines Themas ein bisschen die Übersicht bzw der Ausblick
 - Zum Beispiel bei Interpolation wurden viele Algorithmen und Beispiele gemacht aber, aber alles für Polynominterpolation in 1D
 - Hier hat mir etwas Kontext gefehlt was es noch für Möglichkeiten gibt (Mehrdimensionale, Fouriertransformation...)
- 2. Skript könnte mit Links (Latex Hyperlinks) verbessert werden
- Deutlich langsamer. Mehr Zwischenschritte erklären.a
- Mehr Vorlesungen die Woche, dafür langsamer (evtl dafür 1 der Tutorien streichen)



Subgroup

For question: Study program (multiple choice possible)

Group: Mathematics

Forms: 9

Prof. Dr. Karsten Urban

Numerische Analysis (Numerik 2) / Subgroup "Mathematics" (MATH4002.010)
No. of responses = 9



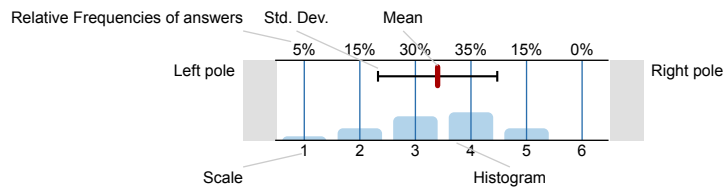
Overall indicators

Organisation of the lecture		negative (-)	positive (+)	av.=4,8 dev.=0,9
Clearness of the Subject Matter		negative (-)	positive (+)	av.=5 dev.=1
Teaching Style of the Lecturer		negative (-)	positive (+)	av.=4,9 dev.=0,9
Increase of Knowledge		negative (-)	positive (+)	av.=4 dev.=1,4
Promotion of Interest		negative (-)	positive (+)	av.=3,8 dev.=1,2
Overall Assessment		negative (-)	positive (+)	av.=4,5 dev.=1,2

Survey Results

Legend

Question text



n=No. of responses
av.=Mean
dev.=Std. Dev.
ab.=Abstention



Quality index

Description of quality symbol



Mean value is below the quality guideline.



Mean is within the range of tolerance for the quality guideline.



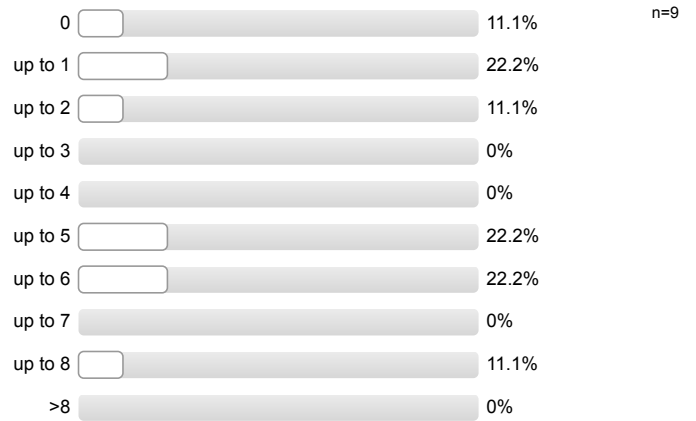
Mean value is within the quality guideline.

Preparation and follow-up

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

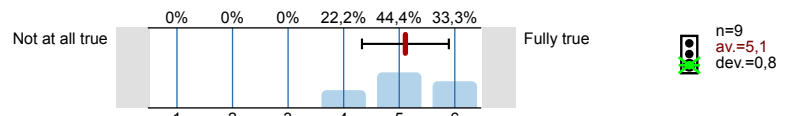
mandatory	<input type="text"/>	33.3%	n=9
interest	<input type="text"/>	0%	
lecturer	<input type="text"/>	0%	
exam	<input type="text"/>	66.7%	
test	<input type="text"/>	44.4%	
relevant topic	<input type="text"/>	11.1%	

How much time do you spend for preparing and recapitulating the course (hours/week)?

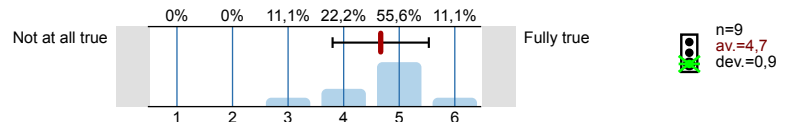


Organisation of the lecture

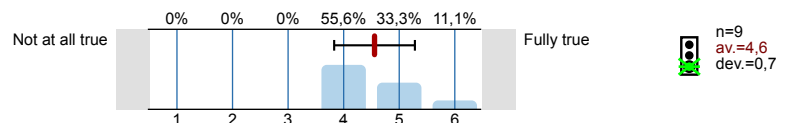
The course follows an easily comprehensible structure throughout the semester.



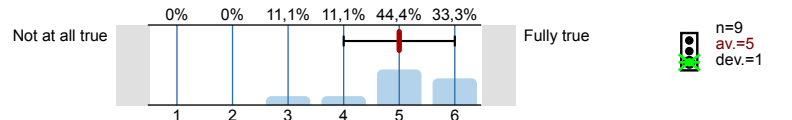
The subject's structure (line of thought) is very easily comprehensible in every lesson of the course.



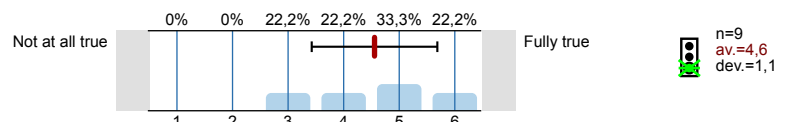
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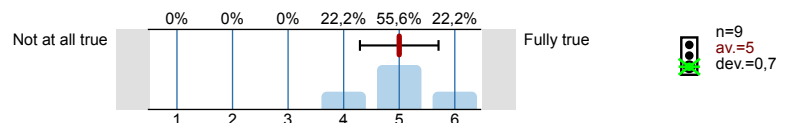
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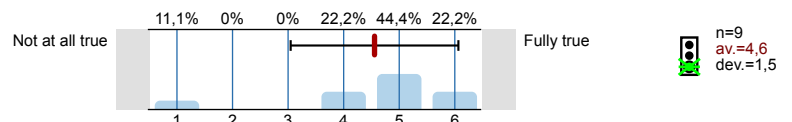


The applied materials (e.g. slides, scripts) are always designed clearly.

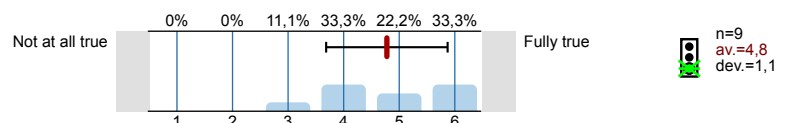


Course contents

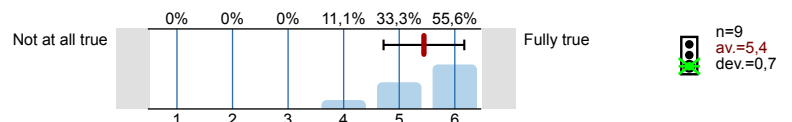
The speed of teaching is always adequate.



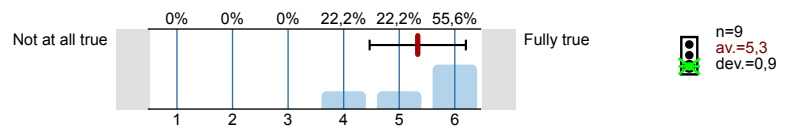
The subject matter is not too difficult.



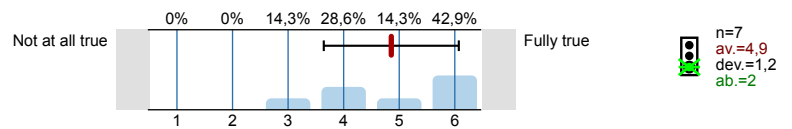
I had enough background knowledge to understand the contents well.



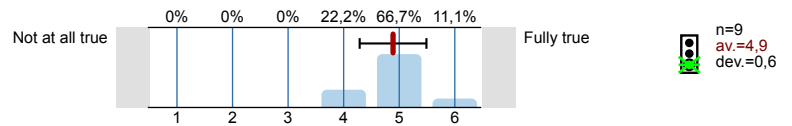
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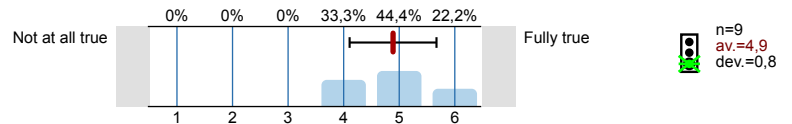


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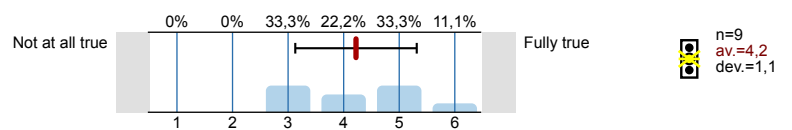


The lecturer's teaching style

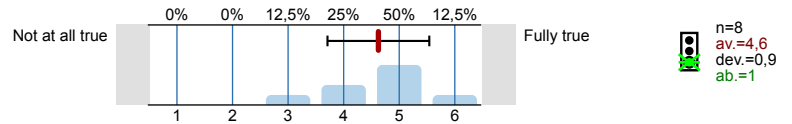
The lecturer often establishes relations between the contents.



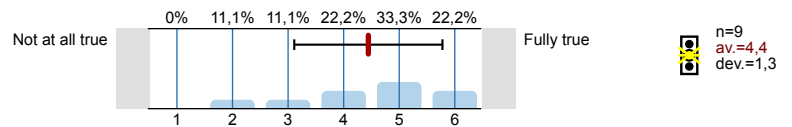
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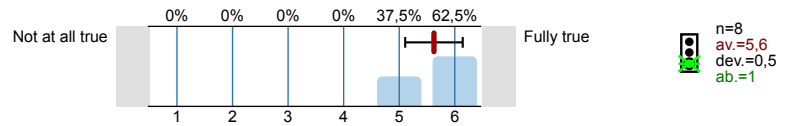
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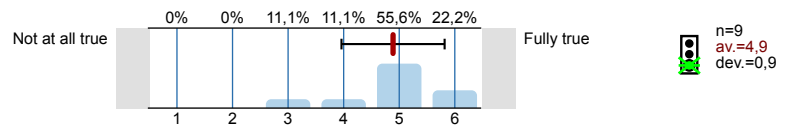
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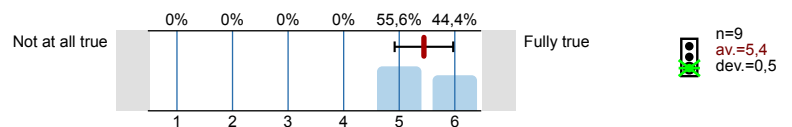
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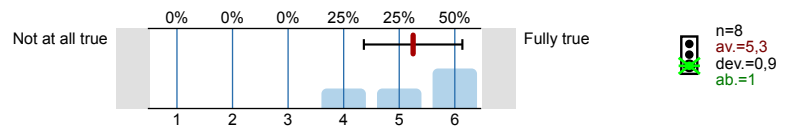
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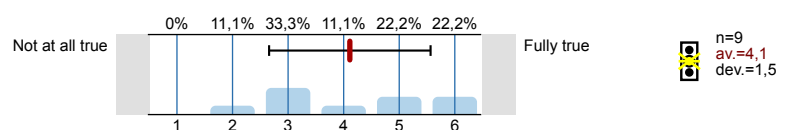


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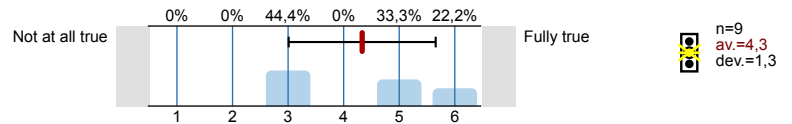


Your knowledge

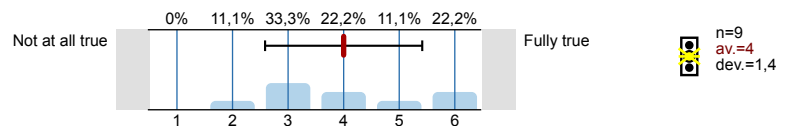
My state of knowledge has considerably grown since the course.



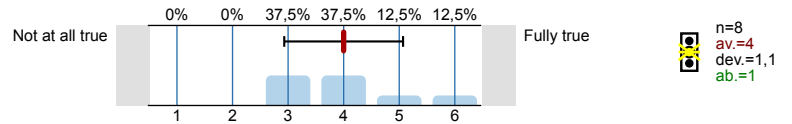
Now I have a considerably deeper knowledge than before the course.



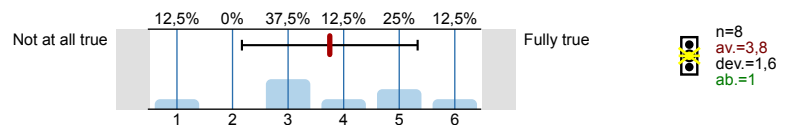
I've understood the most important content very well.



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

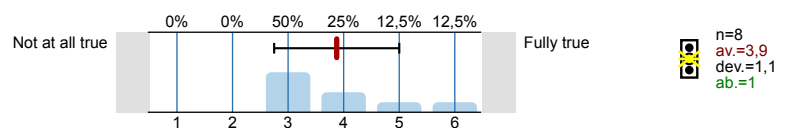


Due to this course I am capable of clearly describing the complex facts covered.

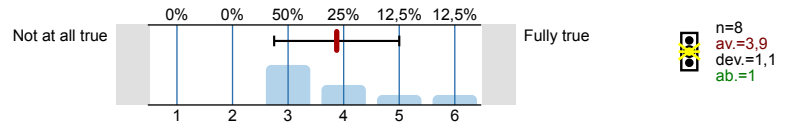


Overall course assessment

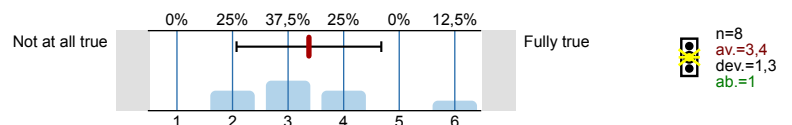
I learn things in this course which inspire me.



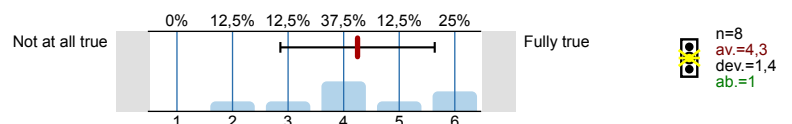
The course stimulates my interest in the subject material.



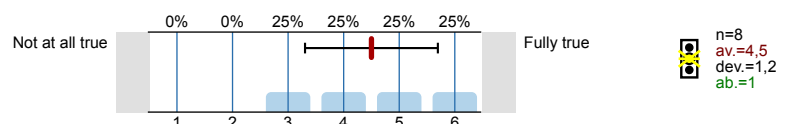
The course stimulates my interest in the studies



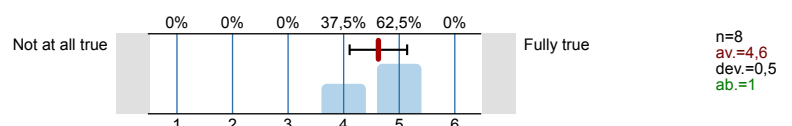
I would recommend this course.



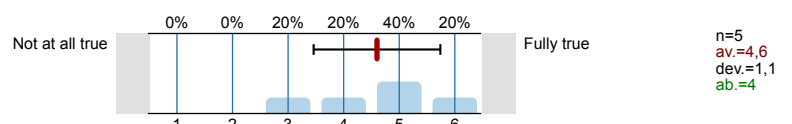
All in all the course is very good.

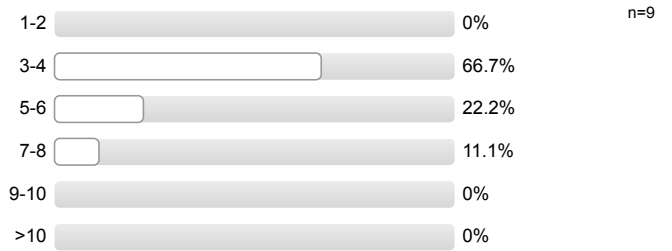


Course preparation and recapitulation were adequately supported by Lecture Capture.



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



What semester are you in?**Degree****Do you study for a teaching profession?**

Profile

Subgroup: Numerische Analysis (Numerik 2) / Subgroup "Mathematics"

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=9	av.=5,1	md=5,0	dev.=0,8
The subject's structure (line of thought) is very easily comprehensible in every lesson of the course.	Not at all true									Fully true	n=9	av.=4,7	md=5,0	dev.=0,9
The lecturer always gives helpful summaries and subject overviews.	Not at all true									Fully true	n=9	av.=4,6	md=4,0	dev.=0,7
Teaching aids (e.g. board, audio-visual presentations, etc) always support the course in a meaningful way.	Not at all true									Fully true	n=9	av.=5,0	md=5,0	dev.=1,0
The applied materials (e.g. slides, scripts) are very useful for understanding the content.	Not at all true									Fully true	n=9	av.=4,6	md=5,0	dev.=1,1
The applied materials (e.g. slides, scripts) are always designed clearly.	Not at all true									Fully true	n=9	av.=5,0	md=5,0	dev.=0,7



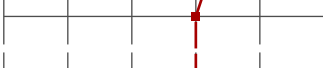


Course contents

The speed of teaching is always adequate.	Not at all true									Fully true	n=9	av.=4,6	md=5,0	dev.=1,5
The subject matter is not too difficult.	Not at all true									Fully true	n=9	av.=4,8	md=5,0	dev.=1,1
I had enough background knowledge to understand the contents well.	Not at all true									Fully true	n=9	av.=5,4	md=6,0	dev.=0,7
The course contents are adequately illustrated by reference to practice/application.	Not at all true									Fully true	n=9	av.=5,3	md=6,0	dev.=0,9
The subject is very well illustrated by experiments or the description of experiments.	Not at all true									Fully true	n=7	av.=4,9	md=5,0	dev.=1,2
The subject is very well illustrated by examples.	Not at all true									Fully true	n=9	av.=4,9	md=5,0	dev.=0,6

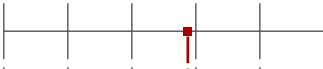
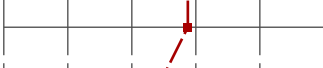

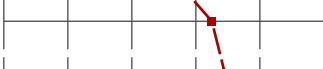

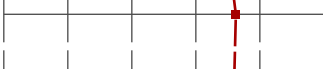

The lecturer's teaching style

The lecturer often establishes relations between the contents.	Not at all true									Fully true	n=9	av.=4,9	md=5,0	dev.=0,8
Difficult facts are always explained clearly.	Not at all true									Fully true	n=9	av.=4,2	md=4,0	dev.=1,1
The lecturer uses a varied teaching approach (in the course).	Not at all true									Fully true	n=8	av.=4,6	md=5,0	dev.=0,9
I find the lecturer always presents the course in an interesting way.	Not at all true									Fully true	n=9	av.=4,4	md=5,0	dev.=1,3
The lecturer always manages to keep up contact (e.g. eye contact) with the audience.	Not at all true									Fully true	n=8	av.=5,6	md=6,0	dev.=0,5
The lecturer always encourages active participation (e.g. asking questions, discussion).	Not at all true									Fully true	n=9	av.=4,9	md=5,0	dev.=0,9
The general climate of the course is very pleasant.	Not at all true									Fully true	n=9	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=8	av.=5,3	md=5,5	dev.=0,9

Your knowledge

My state of knowledge has considerably grown since the course.	Not at all true		Fully true	n=9	av.=4,1	md=4,0	dev.=1,5
Now I have a considerably deeper knowledge than before the course.	Not at all true		Fully true	n=9	av.=4,3	md=5,0	dev.=1,3
I've understood the most important content very well.	Not at all true		Fully true	n=9	av.=4,0	md=4,0	dev.=1,4
Due to this course I am capable of giving a good overview about the covered topic.	Not at all true		Fully true	n=8	av.=4,0	md=4,0	dev.=1,1
Due to this course I am capable of clearly describing the complex facts covered.	Not at all true		Fully true	n=8	av.=3,8	md=3,5	dev.=1,6

Overall course assessment

I learn things in this course which inspire me.	Not at all true		Fully true	n=8	av.=3,9	md=3,5	dev.=1,1
The course stimulates my interest in the subject material.	Not at all true		Fully true	n=8	av.=3,9	md=3,5	dev.=1,1
The course stimulates my interest in the studies	Not at all true		Fully true	n=8	av.=3,4	md=3,0	dev.=1,3
I would recommend this course.	Not at all true		Fully true	n=8	av.=4,3	md=4,0	dev.=1,4
All in all the course is very good.	Not at all true		Fully true	n=8	av.=4,5	md=4,5	dev.=1,2
Course preparation and recapitulation were adequately supported by Lecture Capture.	Not at all true		Fully true	n=8	av.=4,6	md=5,0	dev.=0,5
Course preparation and recapitulation were adequately supported by E-Learning activities (e.g. Moodle).	Not at all true		Fully true	n=5	av.=4,6	md=5,0	dev.=1,1

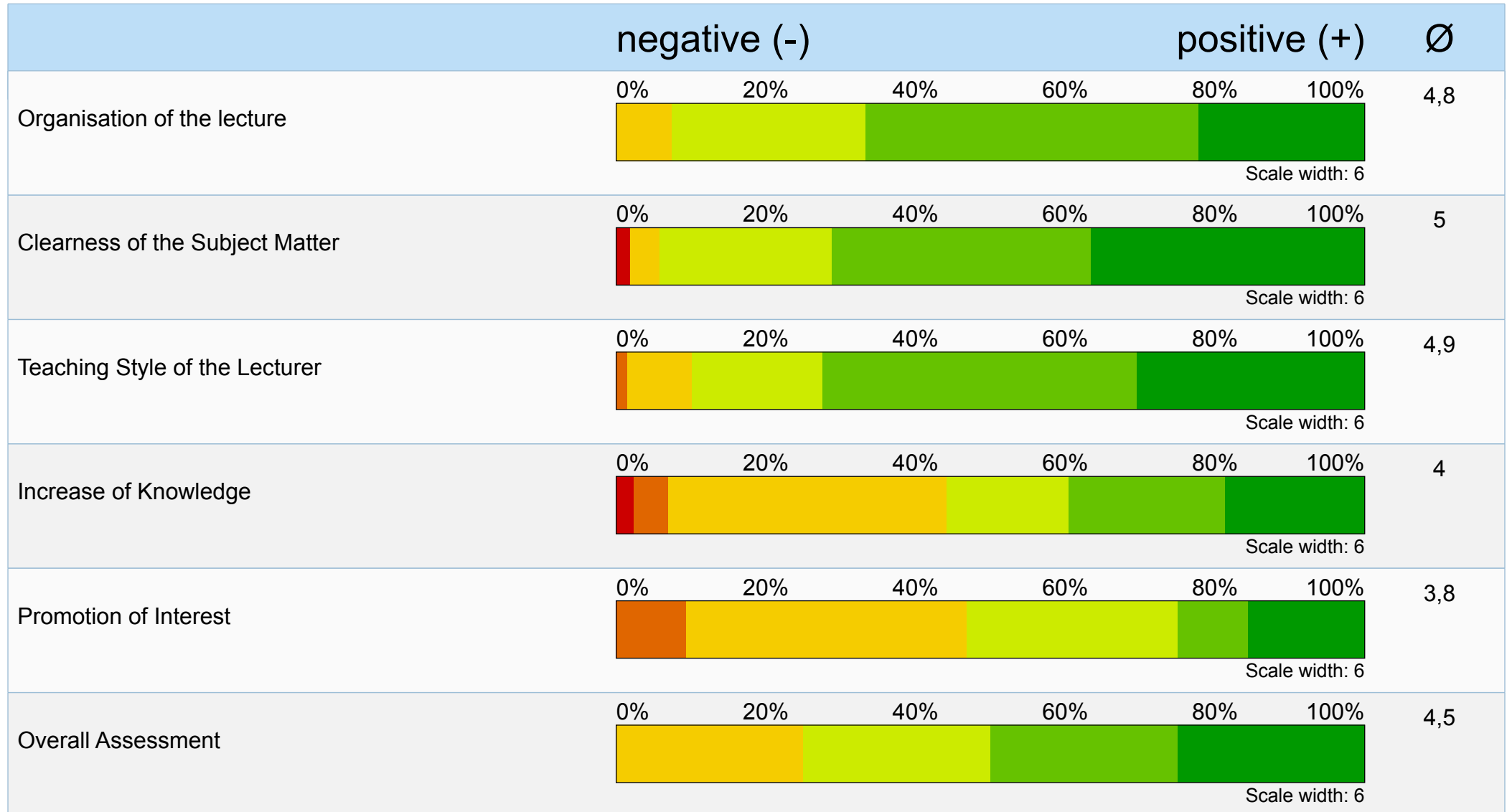
Comments Report

What do you particularly like in the course?

- gutes Tafelbild, sehr strukturiert
- Übung als Tutorium halten (indem Zusammenfassung des Stoffs gegeben wird)

What could be improved? (if any, name suggestions for improvement)

- Die Tutorien sind je nach Tutor sehr unterschiedlich und man lernt viel oder einfach gar nichts (genauer klären, was die Aufgabe des Tutors ist, unsere Abgaben werden nicht mal immer angeschaut).
Bitte eine Probeklausur. In der Übung besser Stoffzusammenfassung machen und nicht einfach Übungsblatt nochmal runterrechnen.
- In moodle schreiben was man in der Vorlesung vom Skript genau gemacht hat und was man auslässt
- Oft fehlen Zusammenhänge zwischen Herleitung/Motivation und resultierenden Formeln, formal manchmal zu unsauber



Subgroup

For question: Study program (multiple choice possible)

Group: Mathematics and Management

Forms: 12

Prof. Dr. Karsten Urban

Numerische Analysis (Numerik 2) / Subgroup "Mathematics and Management" (MATH4002.010)
No. of responses = 12



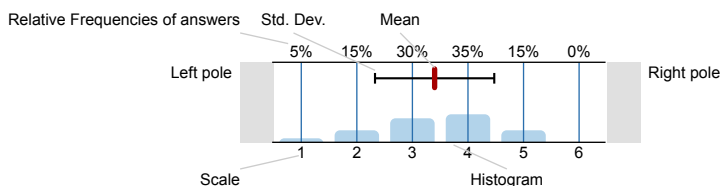
Overall indicators

Organisation of the lecture		negative (-) positive (+)	av.=4,8 dev.=0,9
Clearness of the Subject Matter		negative (-) positive (+)	av.=4,6 dev.=0,9
Teaching Style of the Lecturer		negative (-) positive (+)	av.=4,9 dev.=0,9
Increase of Knowledge		negative (-) positive (+)	av.=4,6 dev.=0,8
Promotion of Interest		negative (-) positive (+)	av.=4,6 dev.=0,9
Overall Assessment		negative (-) positive (+)	av.=4,6 dev.=1,2

Survey Results

Legend

Question text



n=No. of responses
av.=Mean
dev.=Std. Dev.
ab.=Abstention



Quality index

Description of quality symbol



Mean value is below the quality guideline.



Mean is within the range of tolerance for the quality guideline.



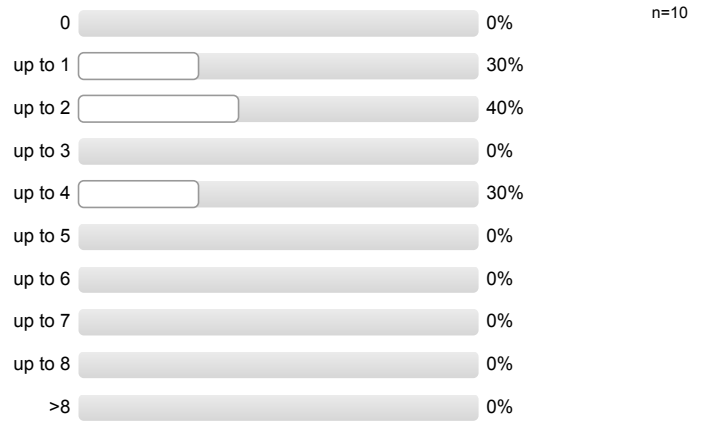
Mean value is within the quality guideline.

Preparation and follow-up

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

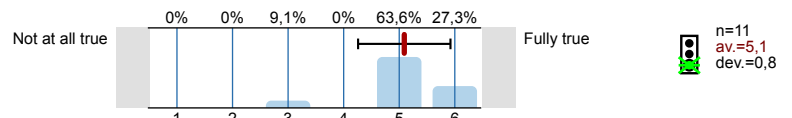
mandatory	<input type="text" value="50%"/>	50%	n=12
interest	<input type="text" value="33.3%"/>	33.3%	
lecturer	<input type="text" value="25%"/>	25%	
exam	<input type="text" value="83.3%"/>	83.3%	
test	<input type="text" value="50%"/>	50%	
relevant topic	<input type="text" value="58.3%"/>	58.3%	

How much time do you spend for preparing and recapitulating the course (hours/week)?

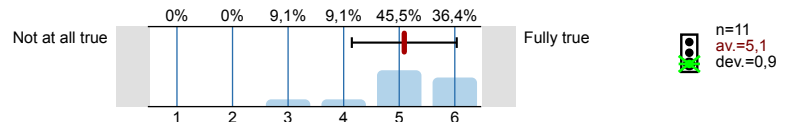


Organisation of the lecture

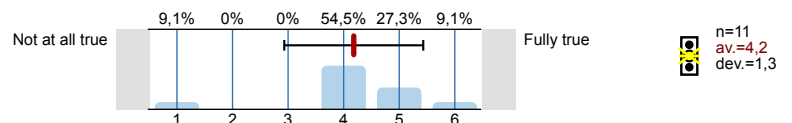
The course follows an easily comprehensible structure throughout the semester.



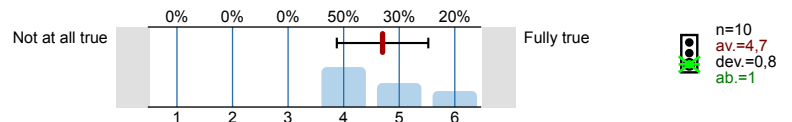
The subject's structure (line of thought) is very easily comprehensible in every lesson of the course.



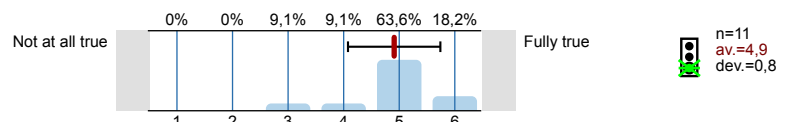
The lecturer always gives helpful summaries and subject overviews.



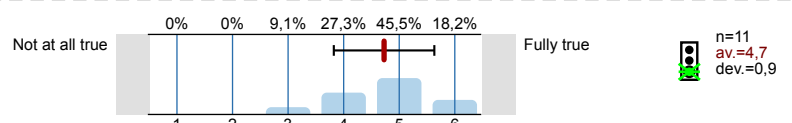
Teaching aids (e.g. board, audio-visual presentations, etc) always support the course in a meaningful way.



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

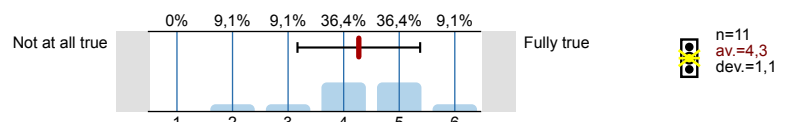


The applied materials (e.g. slides, scripts) are always designed clearly.

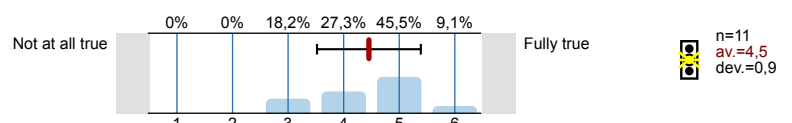


Course contents

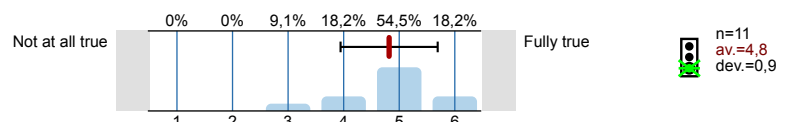
The speed of teaching is always adequate.



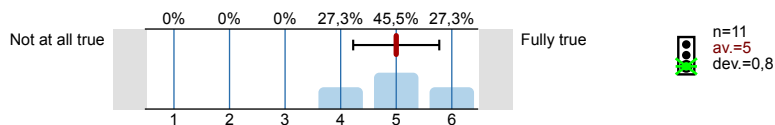
The subject matter is not too difficult.



I had enough background knowledge to understand the contents well.



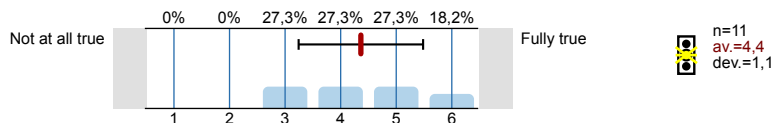
The course contents are adequately illustrated by reference to practice/application.



The subject is very well illustrated by experiments or the description of experiments.

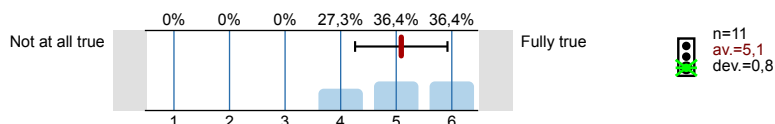
The evaluation will not be displayed due to low response rate.

The subject is very well illustrated by examples.

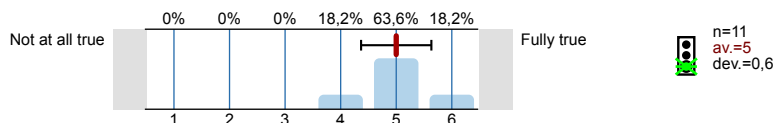


The lecturer's teaching style

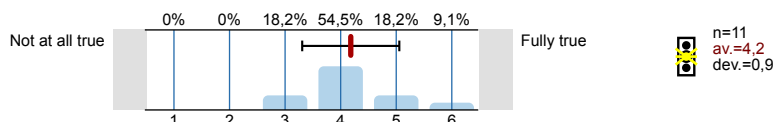
The lecturer often establishes relations between the contents.



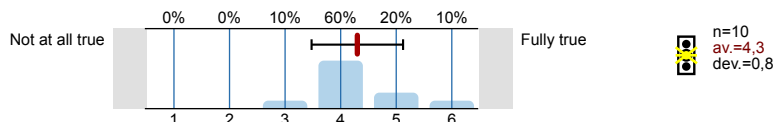
Difficult facts are always explained clearly.



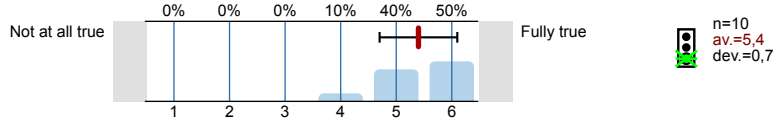
The lecturer uses a varied teaching approach (in the course).



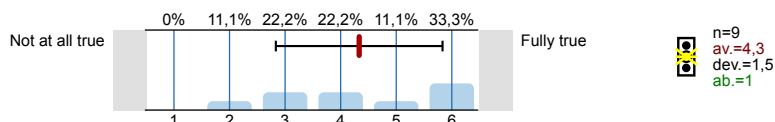
I find the lecturer always presents the course in an interesting way.



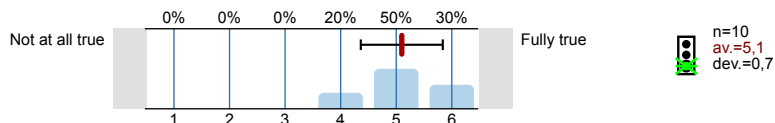
The lecturer always manages to keep up contact (e.g. eye contact) with the audience.



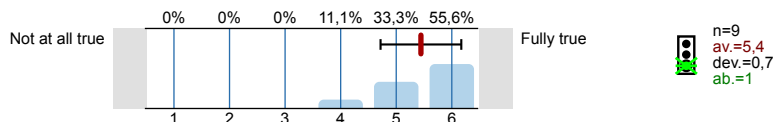
The lecturer always encourages active participation (e.g. asking questions, discussion).



The general climate of the course is very pleasant.

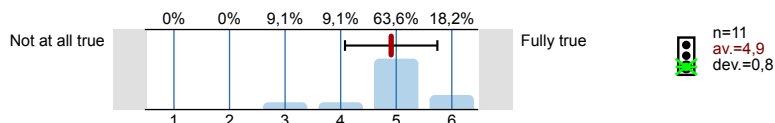


The lecturer always deals adequately with interruptions (e.g. noise or disturbance by participants or technical problems).

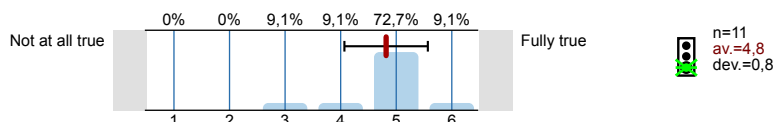


Your knowledge

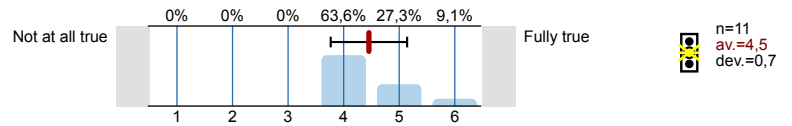
My state of knowledge has considerably grown since the course.



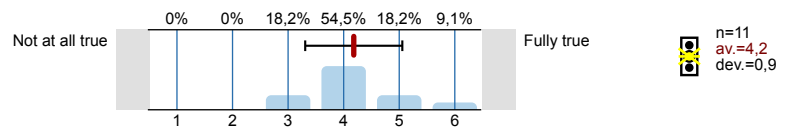
Now I have a considerably deeper knowledge than before the course.



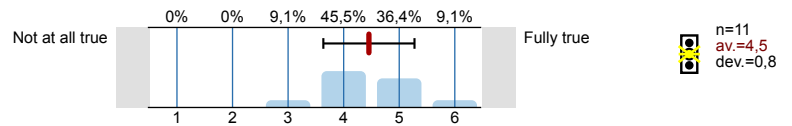
I've understood the most important content very well.



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

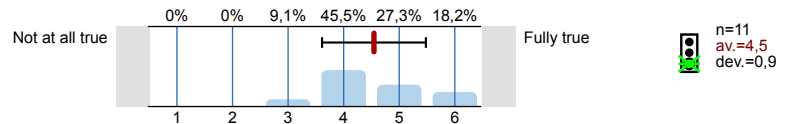


Due to this course I am capable of clearly describing the complex facts covered.

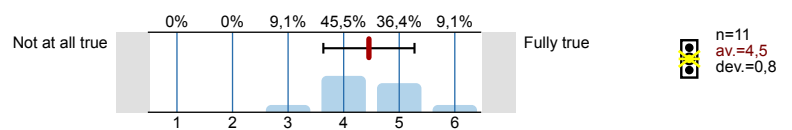


Overall course assessment

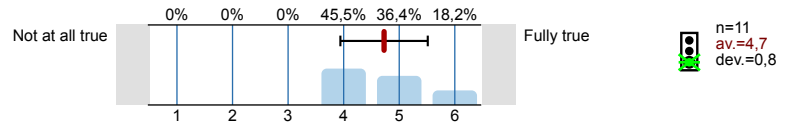
I learn things in this course which inspire me.



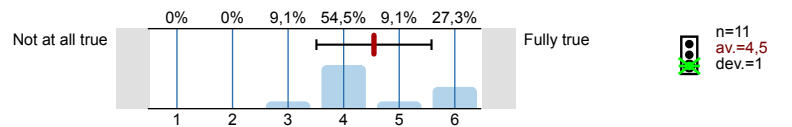
The course stimulates my interest in the subject material.



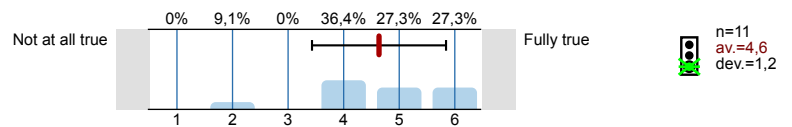
The course stimulates my interest in the studies



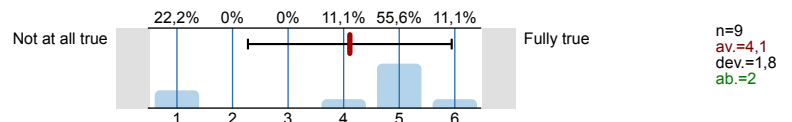
I would recommend this course.



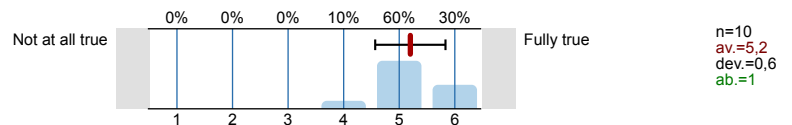
All in all the course is very good.



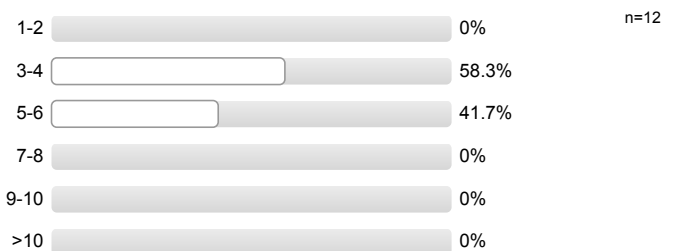
Course preparation and recapitulation were adequately supported by Lecture Capture.



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



What semester are you in?



Degree

Do you study for a teaching profession?

Profile

Subgroup: Numerische Analysis (Numerik 2) / Subgroup "Mathematics and Management"

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=11	av.=5,1	md=5,0	dev.=0,8
The subject's structure (line of thought) is very easily comprehensible in every lesson of the course.	Not at all true							Fully true	n=11	av.=5,1	md=5,0	dev.=0,9
The lecturer always gives helpful summaries and subject overviews.	Not at all true							Fully true	n=11	av.=4,2	md=4,0	dev.=1,3
Teaching aids (e.g. board, audio-visual presentations, etc) always support the course in a meaningful way.	Not at all true							Fully true	n=10	av.=4,7	md=4,5	dev.=0,8
The applied materials (e.g. slides, scripts) are very useful for understanding the content.	Not at all true							Fully true	n=11	av.=4,9	md=5,0	dev.=0,8
The applied materials (e.g. slides, scripts) are always designed clearly.	Not at all true							Fully true	n=11	av.=4,7	md=5,0	dev.=0,9

Course contents

The speed of teaching is always adequate.	Not at all true							Fully true	n=11	av.=4,3	md=4,0	dev.=1,1
The subject matter is not too difficult.	Not at all true							Fully true	n=11	av.=4,5	md=5,0	dev.=0,9
I had enough background knowledge to understand the contents well.	Not at all true							Fully true	n=11	av.=4,8	md=5,0	dev.=0,9
The course contents are adequately illustrated by reference to practice/application.	Not at all true							Fully true	n=11	av.=5,0	md=5,0	dev.=0,8
The subject is very well illustrated by experiments or the description of experiments. (*)	Not at all true							Fully true				
The subject is very well illustrated by examples.	Not at all true							Fully true	n=11	av.=4,4	md=4,0	dev.=1,1

The lecturer's teaching style

The lecturer often establishes relations between the contents.	Not at all true							Fully true	n=11	av.=5,1	md=5,0	dev.=0,8
Difficult facts are always explained clearly.	Not at all true							Fully true	n=11	av.=5,0	md=5,0	dev.=0,6
The lecturer uses a varied teaching approach (in the course).	Not at all true							Fully true	n=11	av.=4,2	md=4,0	dev.=0,9
I find the lecturer always presents the course in an interesting way.	Not at all true							Fully true	n=10	av.=4,3	md=4,0	dev.=0,8
The lecturer always manages to keep up contact (e.g. eye contact) with the audience.	Not at all true							Fully true	n=10	av.=5,4	md=5,5	dev.=0,7
The lecturer always encourages active participation (e.g. asking questions, discussion).	Not at all true							Fully true	n=9	av.=4,3	md=4,0	dev.=1,5
The general climate of the course is very pleasant.	Not at all true							Fully true	n=10	av.=5,1	md=5,0	dev.=0,7
The lecturer always deals adequately with interruptions (e.g. noise or disturbance by participants or technical problems).	Not at all true							Fully true	n=9	av.=5,4	md=6,0	dev.=0,7

Your knowledge

My state of knowledge has considerably grown since the course.	Not at all true		Fully true	n=11	av.=4,9	md=5,0	dev.=0,8
Now I have a considerably deeper knowledge than before the course.	Not at all true		Fully true	n=11	av.=4,8	md=5,0	dev.=0,8
I've understood the most important content very well.	Not at all true		Fully true	n=11	av.=4,5	md=4,0	dev.=0,7
Due to this course I am capable of giving a good overview about the covered topic.	Not at all true		Fully true	n=11	av.=4,2	md=4,0	dev.=0,9
Due to this course I am capable of clearly describing the complex facts covered.	Not at all true		Fully true	n=11	av.=4,5	md=4,0	dev.=0,8

Overall course assessment

I learn things in this course which inspire me.	Not at all true		Fully true	n=11	av.=4,5	md=4,0	dev.=0,9
The course stimulates my interest in the subject material.	Not at all true		Fully true	n=11	av.=4,5	md=4,0	dev.=0,8
The course stimulates my interest in the studies	Not at all true		Fully true	n=11	av.=4,7	md=5,0	dev.=0,8
I would recommend this course.	Not at all true		Fully true	n=11	av.=4,5	md=4,0	dev.=1,0
All in all the course is very good.	Not at all true		Fully true	n=11	av.=4,6	md=5,0	dev.=1,2
Course preparation and recapitulation were adequately supported by Lecture Capture.	Not at all true		Fully true	n=9	av.=4,1	md=5,0	dev.=1,8
Course preparation and recapitulation were adequately supported by E-Learning activities (e.g. Moodle).	Not at all true		Fully true	n=10	av.=5,2	md=5,0	dev.=0,6

(*) Note: If the number of responses to a question is too low the evaluation will not be displayed in the profile line.

Comments Report

What do you particularly like in the course?

- -programming is fun
- Ausführliches Skript, engagierte Vortragsweise, regelmäßige Einordnung in die Praxis
- Sehr Gutes Tutorium bei Laura

- Sehr gute Vortragsweise
Dozent ist engagiert
- Skript
- Vortragsart des Professors

What could be improved? (if any, name suggestions for improvement)

- - language of evaluation
- Evaluation auf Deutsch
Sehr gute Vorlesung, aber leider ist der Termin nicht ganz so perfekt!
- Evaluation in gleicher Sprache wie die Vorlesung!!
Freitag um 8 nicht ideal (siehe Besucherzahl der Vorlesung)
- German evaluation for a German lecture
- Herr Urban könnte sich mal von seinen sehr Kompetenten Hilfskräften (Laura B , Klaus Stolle, Stefan Hain) eine Scheibe abschneiden
- Teilweise sehr schnell, mehr konkrete Beispiele aus der Praxis wären schön (zB vergangene Projekte erwähnen)
In der Übungsstunde mehr Matlab, keine Übungsaufgaben im Detail vorrechnen, dafür gibt es doch dann eine ausführliche Lösung online
- Zeitpunkt der Vorlesung (Uhrzeit)

Numerische Analysis (Numerik 2) / Subgroup \"Mathematics and Management\"

Responses = 12 questionnaires

Prof. Dr. Karsten Urban

