Dr. Jens Thilo Teubner

Data Processing on Modern Hardware (263-3502-00L)
Erfasste Fragebögen = 10

Globalwerte

2. Lecturer mw=4,6 s=0,6

3. Exercises mw=4,6 s=0,7

4. In my role as a student... mw=4,6 s=0,5

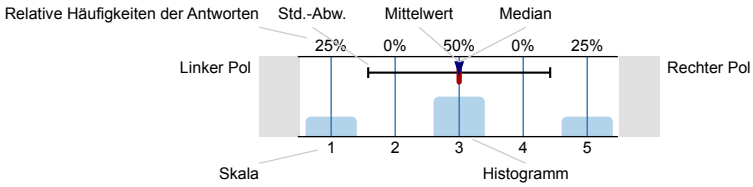
5. Examination mw=4,8 s=0,4

6. General satisfaction mw=4,8 s=0,4

Auswertungsteil der geschlossenen Fragen

Legende

Fragetext



n=Anzahl
mw=Mittelwert
md=Median
s=Std.-Abw.
E.=Enthaltung

1. Personal and course details

1.1) Study Programme (MSc/BSc)

n=10

Master Computer Science	60%
Bachelor Computer Science	10%
other	30%

1.2) Master Track

n=6

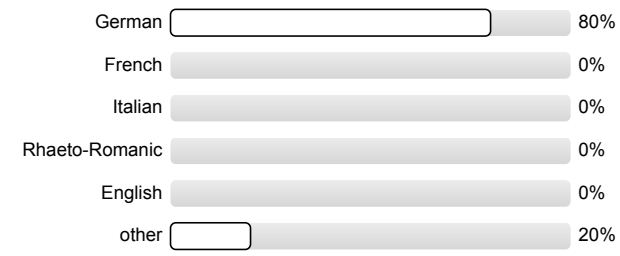
Theoretical Computer Science	0%
Information Security	0%
Software Engineering	0%
Information Systems	33.3%
Distributed Systems	33.3%
Visual Computing	0%
Computational Science	0%
General Computer Science	33.3%
other	0%

1.3) Gender

n=10

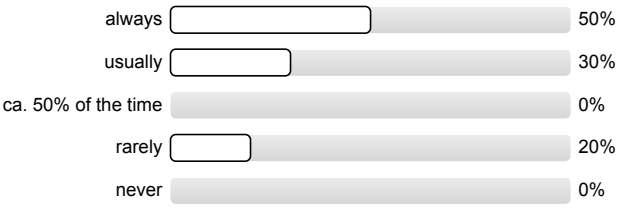
Female	10%
Male	90%

1.4) Mother tongue



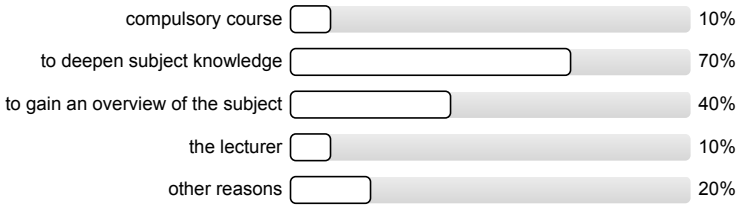
n=10

1.5) How often did you attend the lecture?



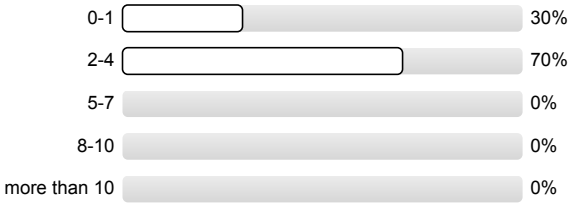
n=10

1.6) What was your main reason for attending this course unit (more than one answer possible)?



n=10

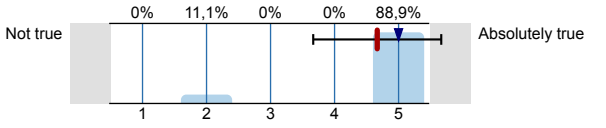
1.7) How many hours on average per week did you spend doing work outside of contact hours during the semester (exercises, course preparation/follow-up, exam preparation)?



n=10
mw=1,7
s=0,5

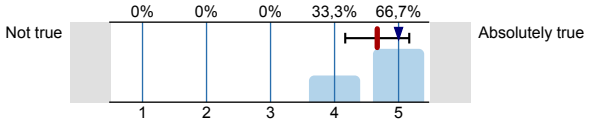
2. Lecturer

2.1) The lecturer explained the subject understandably and clearly



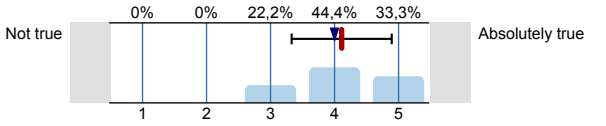
n=9
mw=4,7
md=5
s=1

2.2) The lecturer always clarified what I should be learning in this course unit (learning goals)



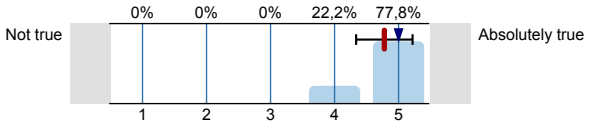
n=9
mw=4,7
md=5
s=0,5

2.3) The lecturer made it clear what significance this course unit had in the whole course of studies



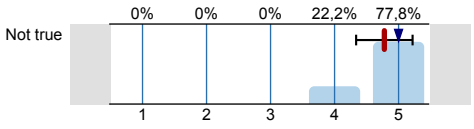
n=9
mw=4,1
md=4
s=0,8

2.4) The lecturer motivated me to take an active part in the course



n=9
mw=4,8
md=5
s=0,4

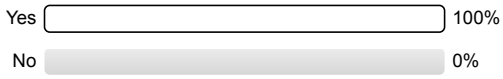
2.5) The materials made available (e.g. lecture notes, textbook, handouts, etc.) helped me to understand and address the course content



n=9
mw=4,8
md=5
s=0,4

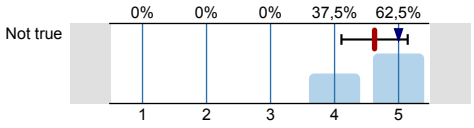
3. Exercises

3.1) Were there exercises in addition to the lectures?



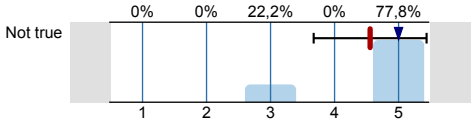
n=10

3.2) The exercises helped me to understand and apply the content of the lecture



n=8
mw=4,6
md=5
s=0,5
E.=1

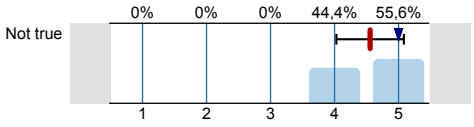
3.3) The exercises were supervised helpfully by the Assistants



n=9
mw=4,6
md=5
s=0,9

4. In my role as a student...

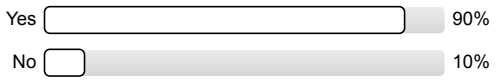
4.1) ...I am able to explain the most important material learned in this course unit clearly and understandably to a younger student



n=9
mw=4,6
md=5
s=0,5

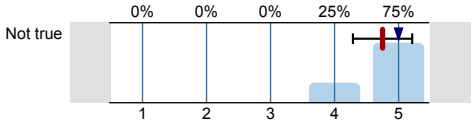
5. Examination

5.1) Did you sit the written examination of this course unit?



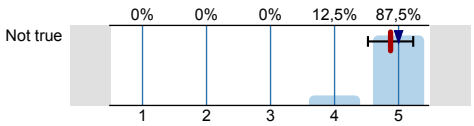
n=10

5.2) The performance assessment (examination) was aligned well with the knowledge taught in and level of the course



n=8
mw=4,8
md=5
s=0,5

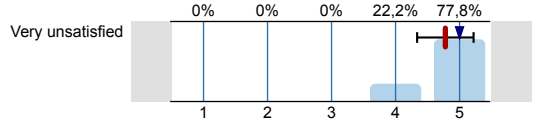
5.3) The examination questions were formulated understandably and clearly



n=8
mw=4,9
md=5
s=0,4

6. General satisfaction

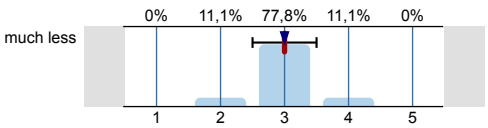
6.1) How satisfied were you in general with the course unit (lecture and exercises) (and the examination)?



n=9
mw=4,8
md=5
s=0,4

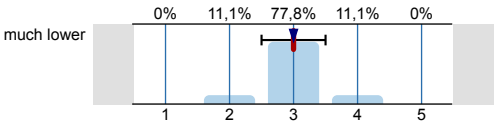
7. Questions of Departement INFK

7.1) In comparison to other courses in the same course category, the specialist knowledge required in this course was



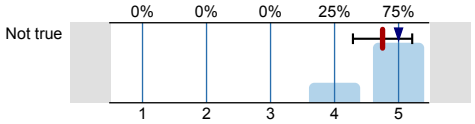
n=9
mw=3
md=3
s=0,5

7.2) In comparison to other courses in the same course category, the number of credits in relation to the time required was



n=9
mw=3
md=3
s=0,5

7.3) The lecture inspired me and got me interested in the subject

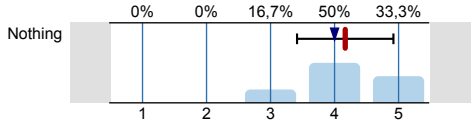


n=8
mw=4,8
md=5
s=0,5
E.=1

8. Questions regarding qualification profile MSc Computer Science

8.1) **Capability to design and implement systems.**

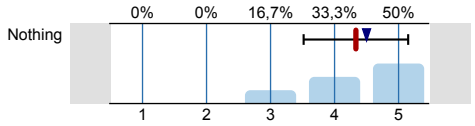
How much did the current course contribute to the development of this competence?



n=6
mw=4,2
md=4
s=0,8

8.2) **Capability to analyse systems.**

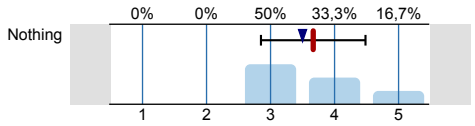
How much did the current course contribute to the development of this competence?



n=6
mw=4,3
md=4,5
s=0,8

8.3) **Ability to design methods and tools for software production.**

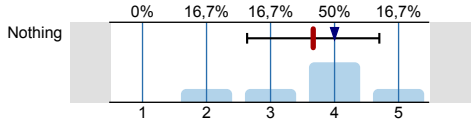
How much did the current course contribute to the development of this competence?



n=6
mw=3,7
md=3,5
s=0,8

8.4) **Modelling competencies (abstraction, simplification, formalization).**

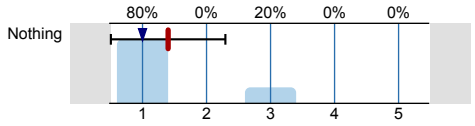
How much did the current course contribute to the development of this competence?



n=6
mw=3,7
md=4
s=1

8.5) **Ability to perform mathematical proofs.**

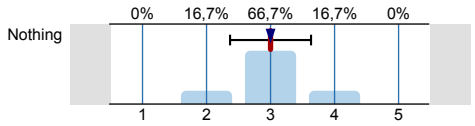
How much did the current course contribute to the development of this competence?



n=5
mw=1,4
md=1
s=0,9
E.=1

8.6) **Capability to design complex algorithms.**

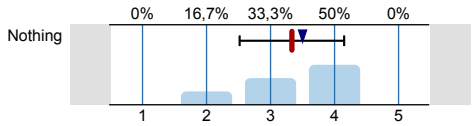
How much did the current course contribute to the development of this competence?



n=6
mw=3
md=3
s=0,6

8.7) **Capability to analyse complex algorithms and processes.**

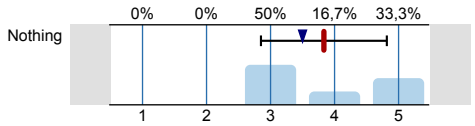
How much did the current course contribute to the development of this competence?



n=6
mw=3,3
md=3,5
s=0,8

8.8) **Creativity and inventiveness.**

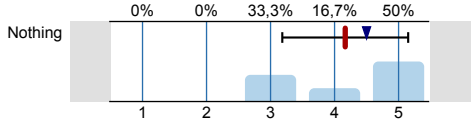
How much did the current course contribute to the development of this competence?



n=6
mw=3,8
md=3,5
s=1

8.9) **Engineering pragmatism.**

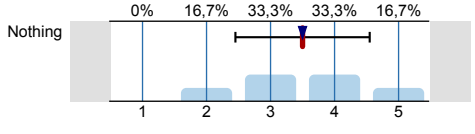
How much did the current course contribute to the development of this competence?



n=6
mw=4,2
md=4,5
s=1

8.10) **Communication skills: ability to communicate with experts.**

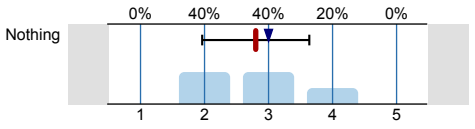
How much did the current course contribute to the development of this competence?



n=6
mw=3,5
md=3,5
s=1

8.11) **Collaboration skills: ability to work in teams.**

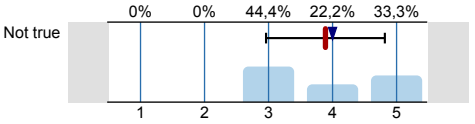
How much did the current course contribute to the development of this competence?



n=5
mw=2,8
md=3
s=0,8
E.=1

9. Questionnaire

9.1) The questionnaire enabled me to express my opinion of this course unit and the examination sufficiently



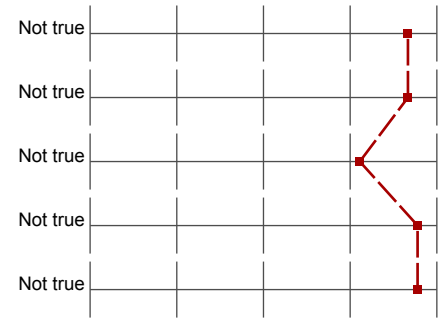
n=9
mw=3,9
md=4
s=0,9

Profillinie

Teilbereich: D-INFK
Name der/des Lehrenden: Dr. Jens Thilo Teubner
Titel der Lehrveranstaltung: (Name der Umfrage) Data Processing on Modern Hardware

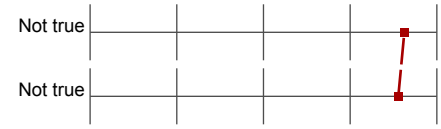
Verwendete Werte in der Profillinie: Mittelwert

2. Lecturer



2.1)	The lecturer explained the subject understandably and clearly	n=9	mw=4,7	md=5,0	s=1,0
2.2)	The lecturer always clarified what I should be learning in this course unit (learning	n=9	mw=4,7	md=5,0	s=0,5
2.3)	The lecturer made it clear what significance this course unit had in the whole course of	n=9	mw=4,1	md=4,0	s=0,8
2.4)	The lecturer motivated me to take an active part in the course	n=9	mw=4,8	md=5,0	s=0,4
2.5)	The materials made available (e.g. lecture notes, textbook, handouts, etc.) helped me to	n=9	mw=4,8	md=5,0	s=0,4

3. Exercises

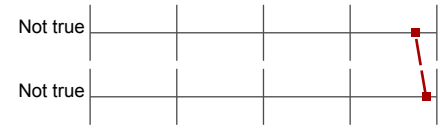


3.2)	The exercises helped me to understand and apply the content of the lecture	n=8	mw=4,6	md=5,0	s=0,5
3.3)	The exercises were supervised helpfully by the Assistants	n=9	mw=4,6	md=5,0	s=0,9

4. In my role as a student...

4.1)	...I am able to explain the most important material learned in this course unit	n=9	mw=4,6	md=5,0	s=0,5

5. Examination

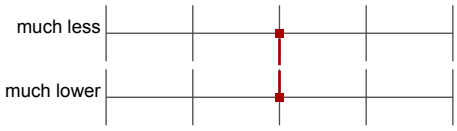


5.2)	The performance assessment (examination) was aligned well with the knowledge taught	n=8	mw=4,8	md=5,0	s=0,5
5.3)	The examination questions were formulated understandably and clearly	n=8	mw=4,9	md=5,0	s=0,4

6. General satisfaction

6.1)	How satisfied were you in general with the course unit (lecture and exercises) (and	n=9	mw=4,8	md=5,0	s=0,4

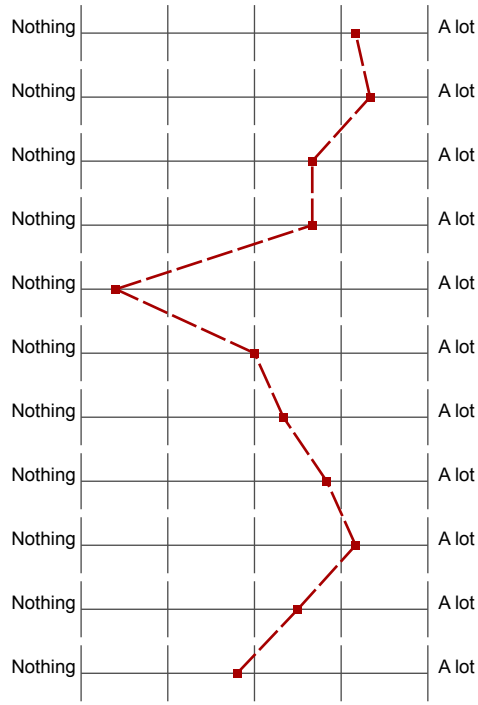
7. Questions of Departement INFK



7.1)	In comparison to other courses in the same course category, the specialist	n=9	mw=3,0	md=3,0	s=0,5
7.2)	In comparison to other courses in the same course category, the number of	n=9	mw=3,0	md=3,0	s=0,5

7.3)	The lecture inspired me and got me interested in the subject	Not true		Absolutely true	n=8	mw=4,8	md=5,0	s=0,5

8. Questions regarding qualification profile MSc Computer Science



8.1)	**Capability to design and implement systems.**	Nothing		A lot	n=6	mw=4,2	md=4,0	s=0,8
8.2)	**Capability to analyse systems.**	Nothing		A lot	n=6	mw=4,3	md=4,5	s=0,8
	How much did the current							
8.3)	**Ability to design methods and tools for software production.**	Nothing		A lot	n=6	mw=3,7	md=3,5	s=0,8
8.4)	**Modelling competencies (abstraction, simplification, formalization).**	Nothing		A lot	n=6	mw=3,7	md=4,0	s=1,0
8.5)	**Ability to perform mathematical proofs.**	Nothing		A lot	n=5	mw=1,4	md=1,0	s=0,9
8.6)	**Capability to design complex algorithms.**	Nothing		A lot	n=6	mw=3,0	md=3,0	s=0,6
8.7)	**Capability to analyse complex algorithms and processes.**	Nothing		A lot	n=6	mw=3,3	md=3,5	s=0,8
8.8)	**Creativity and inventiveness.**	Nothing		A lot	n=6	mw=3,8	md=3,5	s=1,0
	How much did the current							
8.9)	**Engineering pragmatism.**	Nothing		A lot	n=6	mw=4,2	md=4,5	s=1,0
	How much did the current							
8.10)	**Communication skills: ability to communicate with experts.**	Nothing		A lot	n=6	mw=3,5	md=3,5	s=1,0
8.11)	**Collaboration skills: ability to work in teams.**	Nothing		A lot	n=5	mw=2,8	md=3,0	s=0,8

9. Questionnaire

9.1)	The questionnaire enabled me to express my opinion of this course unit and the	Not true		Absolutely true	n=9	mw=3,9	md=4,0	s=0,9

Auswertungsteil der offenen Fragen

10. Comments

10.1) Imagine that you are the lecturer teaching this course unit (lecturer and exercises). What would you improve?

- Not much. Exercises were brilliant, clarity of recitation could be improved.

  Actually I am very sorry about the fact that there seem to be no complementary lecture about the rest of database engineering:
  - SQL compilation
  - Query optimization and exectution engines
  - In memory database motors and snapshooting to disk

- Overall a good lecture giving insights how to exploit the hardware / avoid pitfalls to make the code running faster.
- This course was very good. My only criticism is that I had the impression that as an ETH Bachelor student you already know a lot of the material from other courses, e.g. the systems programming/computer architecture class. I'm not sure about students from other universities, though - maybe one should make this compulsory Bachelor course a prerequisite and cut a lot of introduction to caching/ go deeper into the material.

10.2) Imagine that you are the lecturer designing and conducting this examination. What would you improve?

- nothing :)

11. Comments to questions regarding the MSc qualification profile

11.1) Comments and suggestions for improving the questions regarding the MSc qualification profile

- what?

Untergruppe

für Frage: Study Programme (MSc/BSc)

Gruppe: Master Computer Science

Anzahl: 6

Dr. Jens Thilo Teubner

Data Processing on Modern Hardware / Untergruppe "Master Computer Science" (263-3502-00L)
Erfasste Fragebögen = 6

Globalwerte

2. Lecturer — mw=4,8 s=0,4

3. Exercises — mw=4,4 s=0,8

4. In my role as a student... — mw=4,5 s=0,5

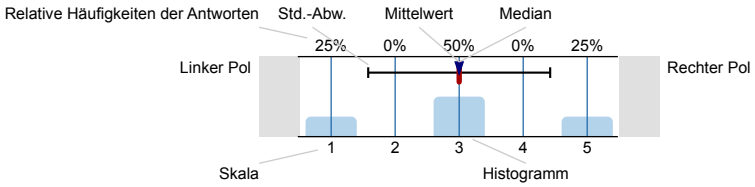
5. Examination — mw=4,8 s=0,4

6. General satisfaction — mw=4,8 s=0,4

Auswertungsteil der geschlossenen Fragen

Legende

Fragetext



n=Anzahl
mw=Mittelwert
md=Median
s=Std.-Abw.
E.=Enthaltung

1. Personal and course details

1.1) Study Programme (MSc/BSc)

n=6

Master Computer Science	100%

1.2) Master Track

n=6

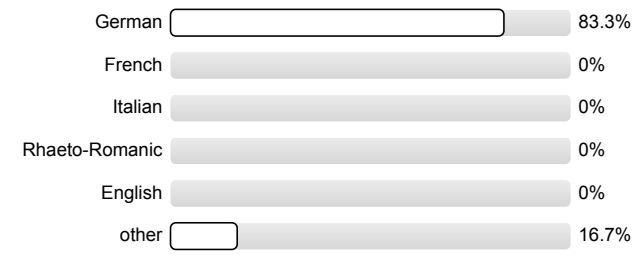
Theoretical Computer Science	0%
Information Security	0%
Software Engineering	0%
Information Systems	33.3%
Distributed Systems	33.3%
Visual Computing	0%
Computational Science	0%
General Computer Science	33.3%
other	0%

1.3) Gender

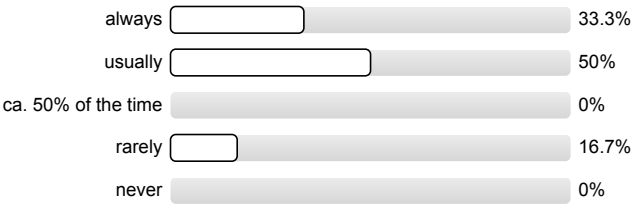
n=6

Female	16.7%
Male	83.3%

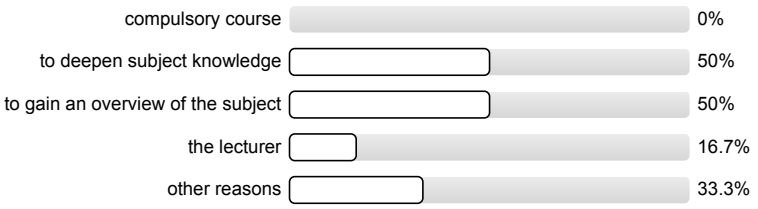
1.4) Mother tongue



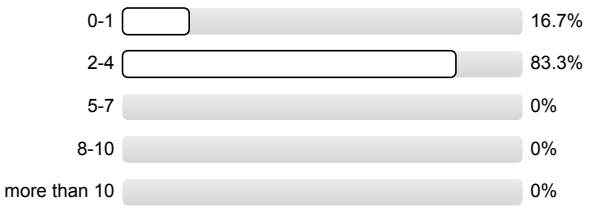
1.5) How often did you attend the lecture?



1.6) What was your main reason for attending this course unit (more than one answer possible)?

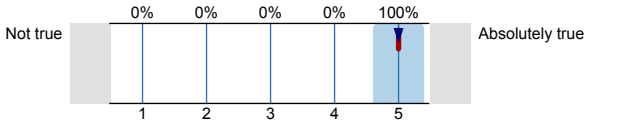


1.7) How many hours on average per week did you spend doing work outside of contact hours during the semester (exercises, course preparation/follow-up, exam preparation)?

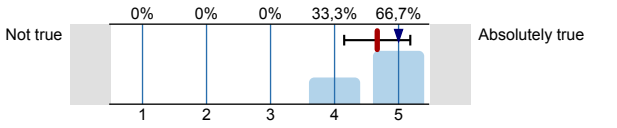


2. Lecturer

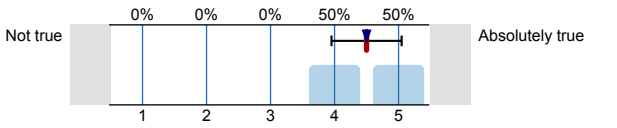
2.1) The lecturer explained the subject understandably and clearly



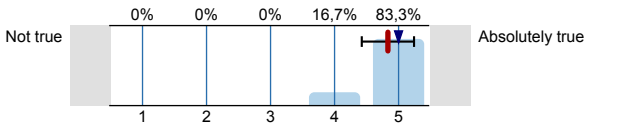
2.2) The lecturer always clarified what I should be learning in this course unit (learning goals)



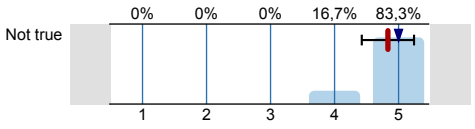
2.3) The lecturer made it clear what significance this course unit had in the whole course of studies



2.4) The lecturer motivated me to take an active part in the course



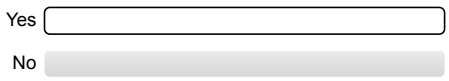
2.5) The materials made available (e.g. lecture notes, textbook, handouts, etc.) helped me to understand and address the course content



n=6
mw=4,8
md=5
s=0,4

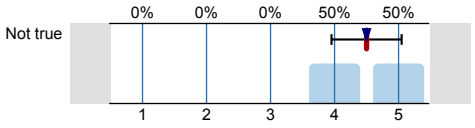
3. Exercises

3.1) Were there exercises in addition to the lectures?



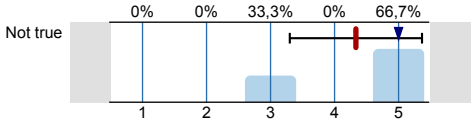
n=6

3.2) The exercises helped me to understand and apply the content of the lecture



n=6
mw=4,5
md=4,5
s=0,5

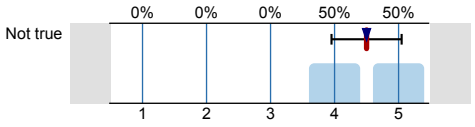
3.3) The exercises were supervised helpfully by the Assistants



n=6
mw=4,3
md=5
s=1

4. In my role as a student...

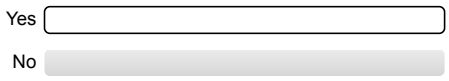
4.1) ...I am able to explain the most important material learned in this course unit clearly and understandably to a younger student



n=6
mw=4,5
md=4,5
s=0,5

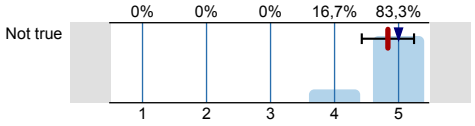
5. Examination

5.1) Did you sit the written examination of this course unit?



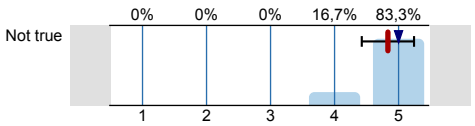
n=6

5.2) The performance assessment (examination) was aligned well with the knowledge taught in and level of the course



n=6
mw=4,8
md=5
s=0,4

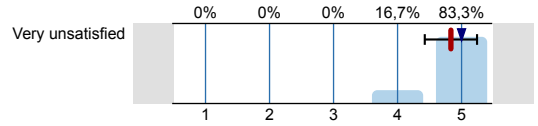
5.3) The examination questions were formulated understandably and clearly



n=6
mw=4,8
md=5
s=0,4

6. General satisfaction

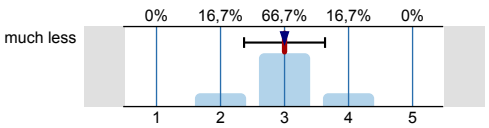
6.1) How satisfied were you in general with the course unit (lecture and exercises) (and the examination)?



n=6
mw=4,8
md=5
s=0,4

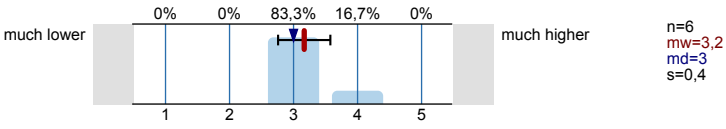
7. Questions of Departement INFK

7.1) In comparison to other courses in the same course category, the specialist knowledge required in this course was

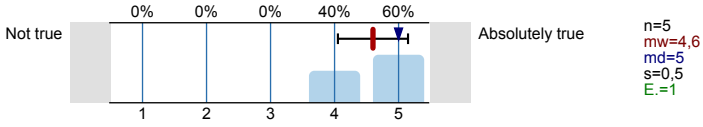


n=6
mw=3
md=3
s=0,6

7.2) In comparison to other courses in the same course category, the number of credits in relation to the time required was



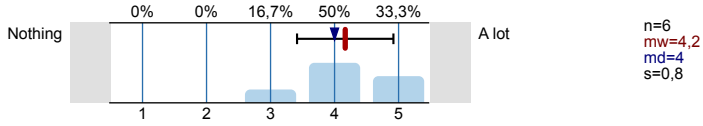
7.3) The lecture inspired me and got me interested in the subject



8. Questions regarding qualification profile MSc Computer Science

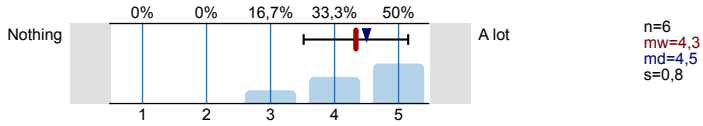
8.1) **Capability to design and implement systems.**

How much did the current course contribute to the development of this competence?



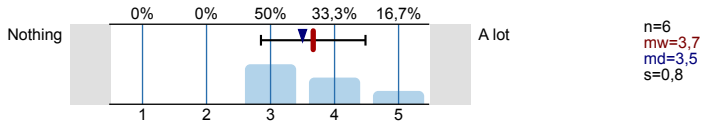
8.2) **Capability to analyse systems.**

How much did the current course contribute to the development of this competence?



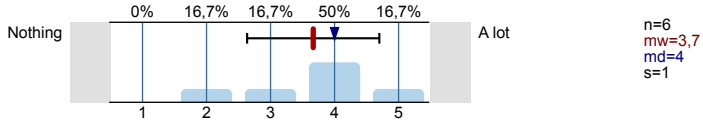
8.3) **Ability to design methods and tools for software production.**

How much did the current course contribute to the development of this competence?



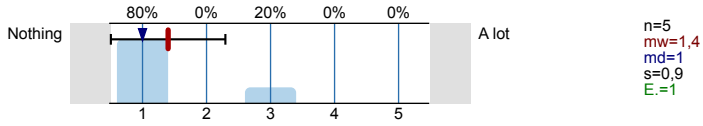
8.4) **Modelling competencies (abstraction, simplification, formalization).**

How much did the current course contribute to the development of this competence?



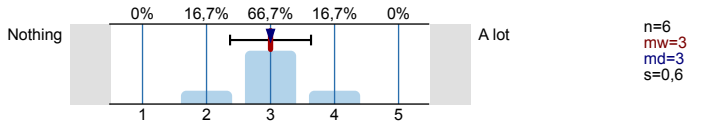
8.5) **Ability to perform mathematical proofs.**

How much did the current course contribute to the development of this competence?



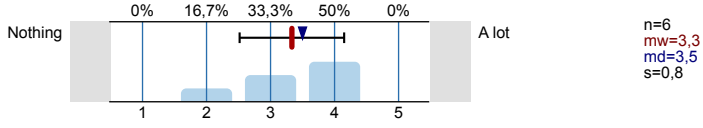
8.6) **Capability to design complex algorithms.**

How much did the current course contribute to the development of this competence?



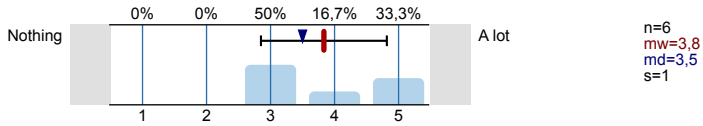
8.7) **Capability to analyse complex algorithms and processes.**

How much did the current course contribute to the development of this competence?



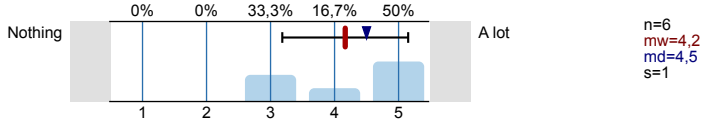
8.8) **Creativity and inventiveness.**

How much did the current course contribute to the development of this competence?



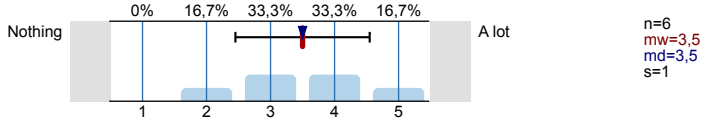
8.9) **Engineering pragmatism.**

How much did the current course contribute to the development of this competence?



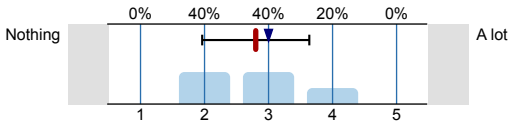
8.10) **Communication skills: ability to communicate with experts.**

How much did the current course contribute to the development of this competence?



8.11) **Collaboration skills: ability to work in teams.**

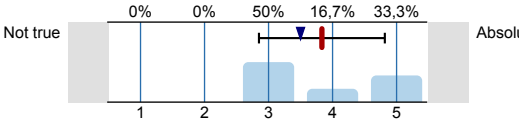
How much did the current course contribute to the development of this competence?



n=5
mw=2,8
md=3
s=0,8
E.=1

9. Questionnaire

9.1) The questionnaire enabled me to express my opinion of this course unit and the examination sufficiently



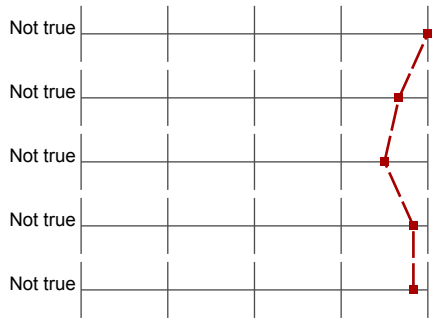
n=6
mw=3,8
md=3,5
s=1

Profillinie

Untergruppe: Data Processing on Modern Hardware / Untergruppe "Master Computer Science"

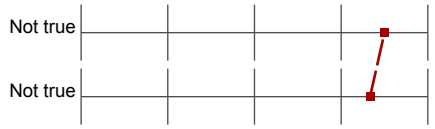
Verwendete Werte in der Profillinie: Mittelwert

2. Lecturer



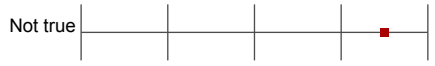
2.1)	The lecturer explained the subject understandably and clearly	n=6	mw=5,0	md=5,0	s=0,0
2.2)	The lecturer always clarified what I should be learning in this course unit (learning	n=6	mw=4,7	md=5,0	s=0,5
2.3)	The lecturer made it clear what significance this course unit had in the whole course of	n=6	mw=4,5	md=4,5	s=0,5
2.4)	The lecturer motivated me to take an active part in the course	n=6	mw=4,8	md=5,0	s=0,4
2.5)	The materials made available (e.g. lecture notes, textbook, handouts, etc.) helped me to	n=6	mw=4,8	md=5,0	s=0,4

3. Exercises



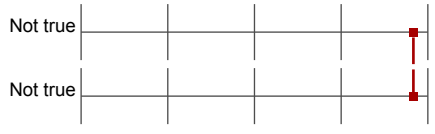
3.2)	The exercises helped me to understand and apply the content of the lecture	n=6	mw=4,5	md=4,5	s=0,5
3.3)	The exercises were supervised helpfully by the Assistants	n=6	mw=4,3	md=5,0	s=1,0

4. In my role as a student...



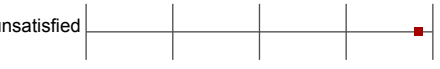
4.1)	...I am able to explain the most important material learned in this course unit	n=6	mw=4,5	md=4,5	s=0,5

5. Examination



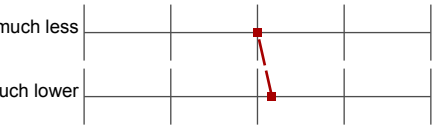
5.2)	The performance assessment (examination) was aligned well with the knowledge taught	n=6	mw=4,8	md=5,0	s=0,4
5.3)	The examination questions were formulated understandably and clearly	n=6	mw=4,8	md=5,0	s=0,4

6. General satisfaction



6.1)	How satisfied were you in general with the course unit (lecture and exercises) (and	n=6	mw=4,8	md=5,0	s=0,4

7. Questions of Departement INFK



7.1)	In comparison to other courses in the same course category, the specialist	n=6	mw=3,0	md=3,0	s=0,6
7.2)	In comparison to other courses in the same course category, the number of	n=6	mw=3,2	md=3,0	s=0,4

7.3)	The lecture inspired me and got me interested in the subject	Not true	Absolutely true	n=5	mw=4,6	md=5,0	s=0,5

8. Questions regarding qualification profile MSc Computer Science

8.1)	**Capability to design and implement systems.**	Nothing	A lot	n=6	mw=4,2	md=4,0	s=0,8
8.2)	**Capability to analyse systems.**	Nothing	A lot	n=6	mw=4,3	md=4,5	s=0,8
	How much did the current						
8.3)	**Ability to design methods and tools for software production.**	Nothing	A lot	n=6	mw=3,7	md=3,5	s=0,8
8.4)	**Modelling competencies (abstraction, simplification, formalization).**	Nothing	A lot	n=6	mw=3,7	md=4,0	s=1,0
8.5)	**Ability to perform mathematical proofs.**	Nothing	A lot	n=5	mw=1,4	md=1,0	s=0,9
8.6)	**Capability to design complex algorithms.**	Nothing	A lot	n=6	mw=3,0	md=3,0	s=0,6
8.7)	**Capability to analyse complex algorithms and processes.**	Nothing	A lot	n=6	mw=3,3	md=3,5	s=0,8
8.8)	**Creativity and inventiveness.**	Nothing	A lot	n=6	mw=3,8	md=3,5	s=1,0
	How much did the current						
8.9)	**Engineering pragmatism.**	Nothing	A lot	n=6	mw=4,2	md=4,5	s=1,0
	How much did the current						
8.10)	**Communication skills: ability to communicate with experts.**	Nothing	A lot	n=6	mw=3,5	md=3,5	s=1,0
8.11)	**Collaboration skills: ability to work in teams.**	Nothing	A lot	n=5	mw=2,8	md=3,0	s=0,8

9. Questionnaire

9.1)	The questionnaire enabled me to express my opinion of this course unit and the	Not true	Absolutely true	n=6	mw=3,8	md=3,5	s=1,0