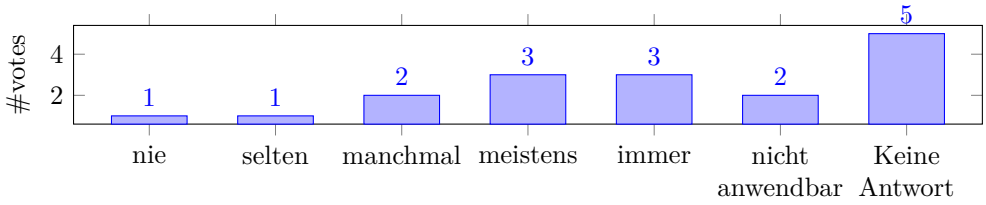
Modul: Algorithmic Game Theory	**Semester:** SS 24

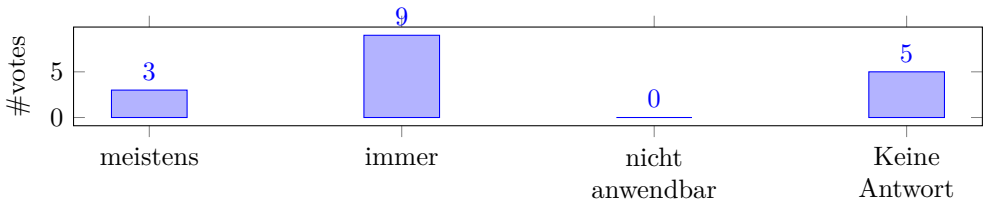
Ergebnis der Online-VLU. Die Umfrage fand in den letzten beiden Vorlesungswochen statt.

1 Bewertung der Vorlesung

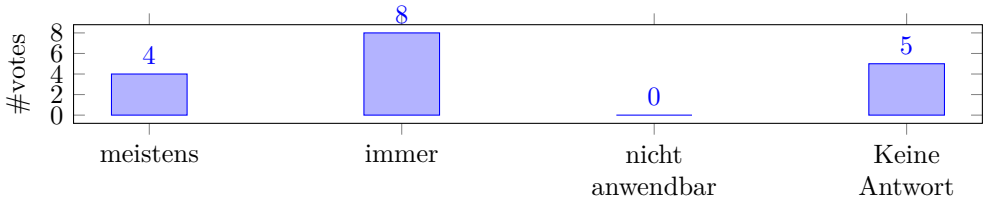
Wie oft hast du die Vorlesung besucht?



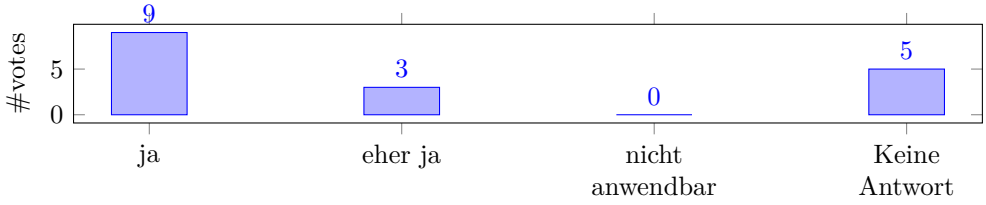
Wurden Themen durch Beispiele veranschaulicht?



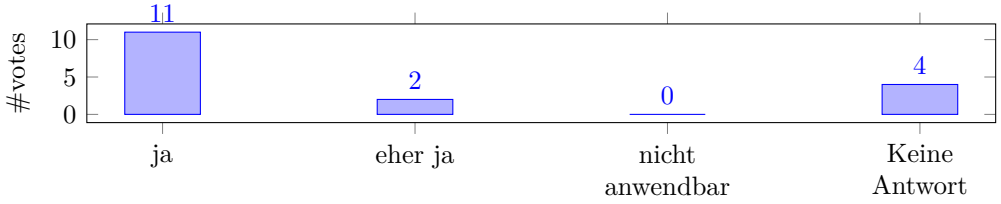
Wurden die Themen ausführlich genug erklärt?



War die Struktur der Vorlesung klar zu erkennen?

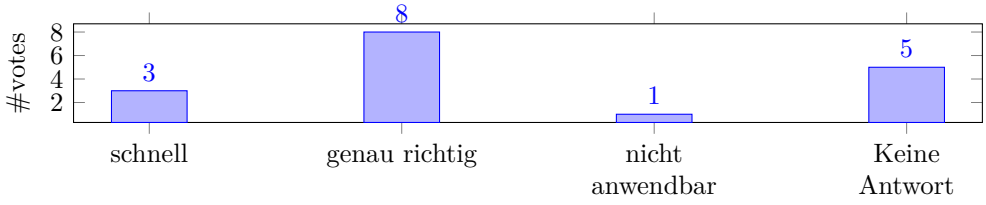


Waren die Folien/das Skript hilfreich?

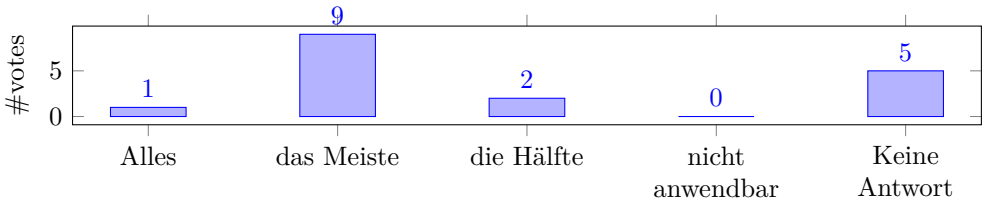


2 Bewertung der Dozierenden

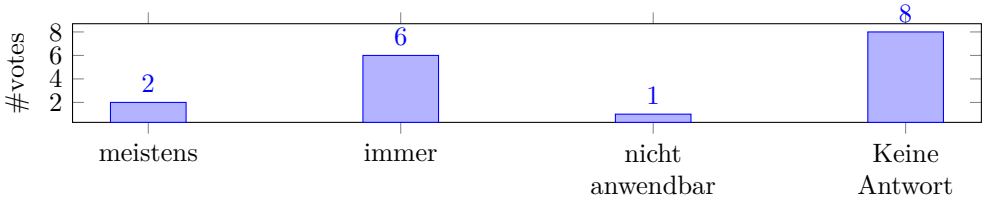
Die Geschwindigkeit der Vorlesung war...



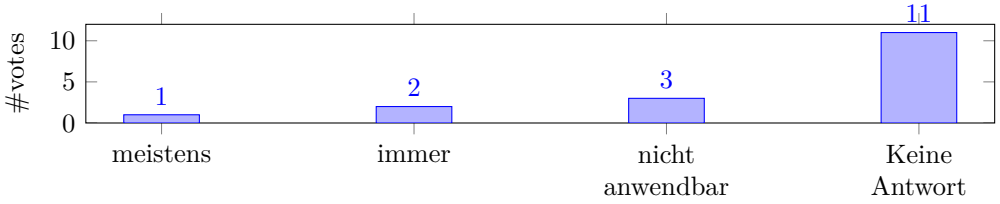
Wie viel verstehst du während der Vorlesung?



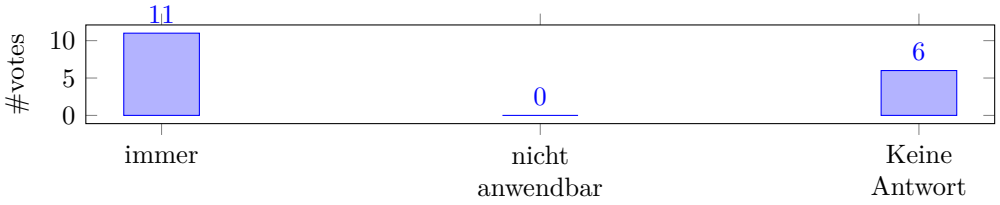
Ist der Dozent/die Dozentin gut auf Fragen eingegangen?



War der Dozent/die Dozentin außerhalb der Vorlesung für Fragen etc. erreichbar?

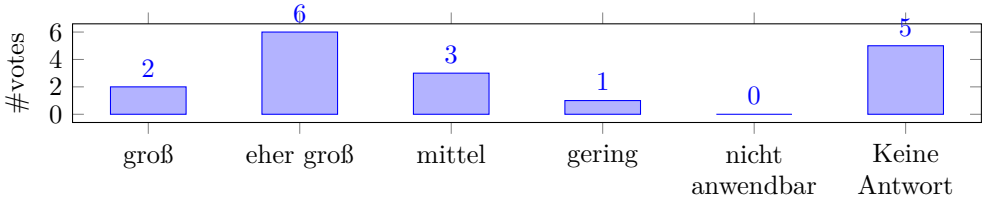


War die Dozentin / der Dozent akustisch gut zu verstehen?

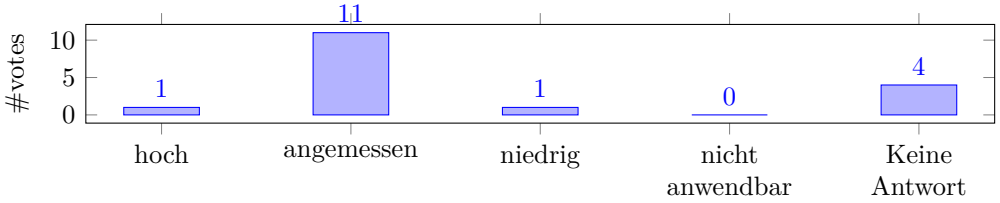


3 Bewertung des Moduls

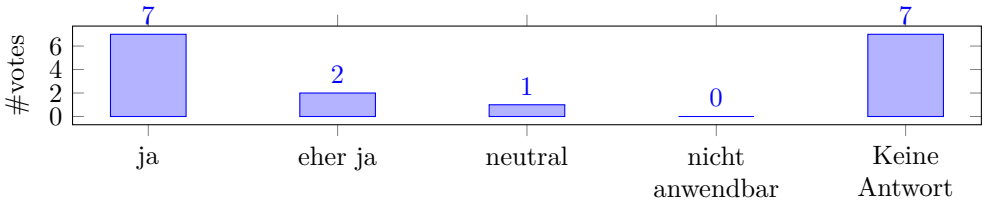
Der Praxisbezug war...



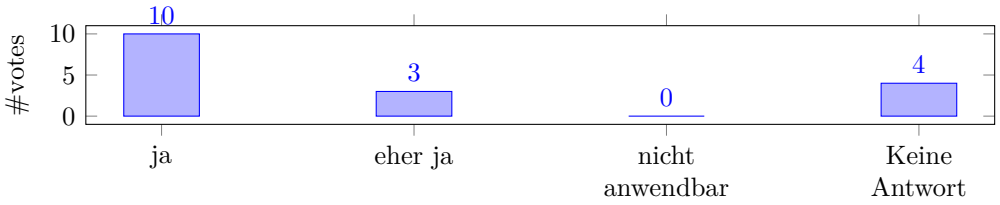
Ist der Arbeitsaufwand für dieses Modul im Hinblick auf die LP-Zahl angemessen?



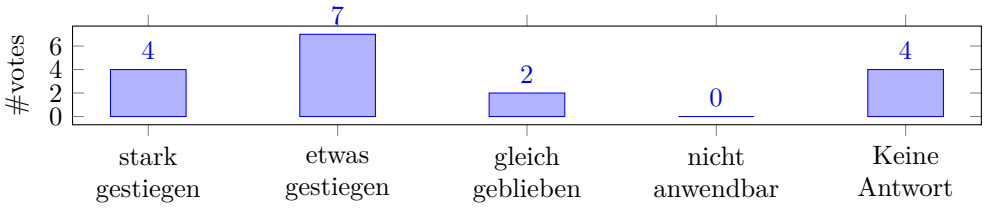
Findest du die verlangten Studienleistungen für dieses Modul angemessen?



Würdest du dieses Modul weiterempfehlen?

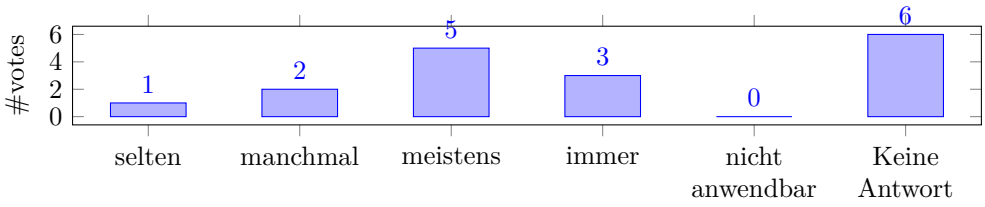


Dein Interesse für dieses Thema ist...

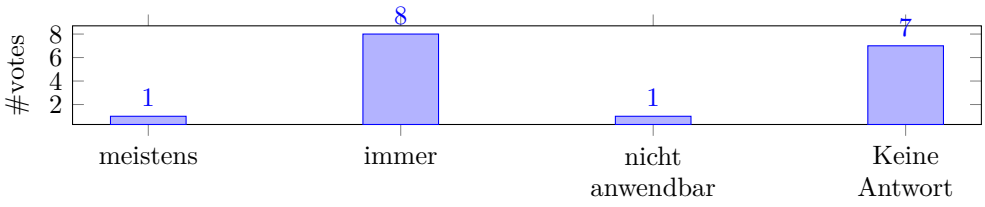


4 Bewertung der Übungsaufgaben

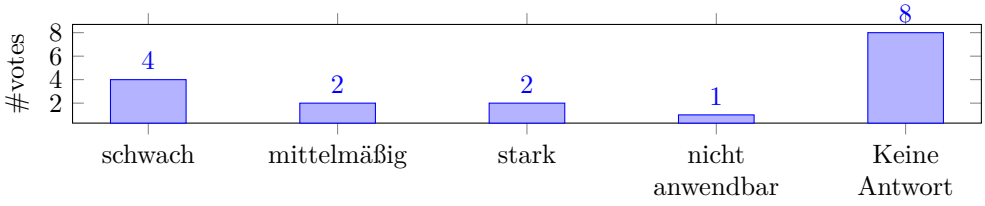
Wie oft hast du die Übungen besucht?



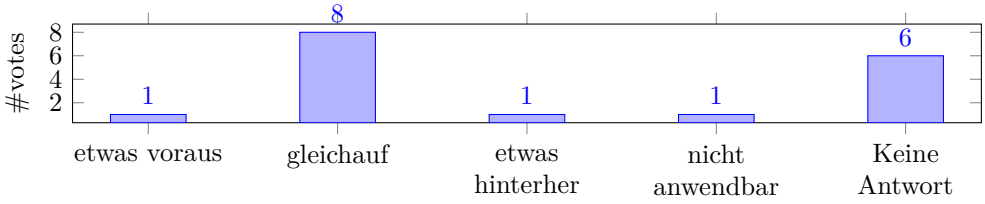
Wurden die Übungsaufgaben rechtzeitig zur Verfügung gestellt?



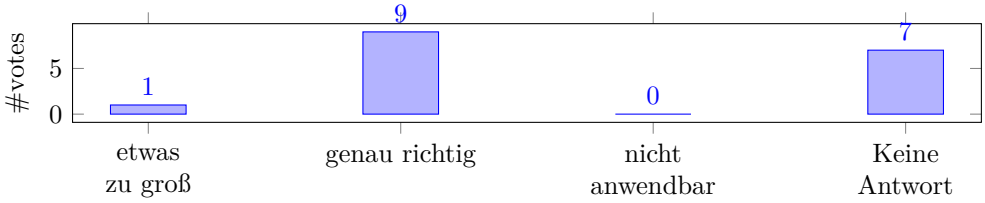
Die Schwierigkeit der Übungsblätter schwankte...



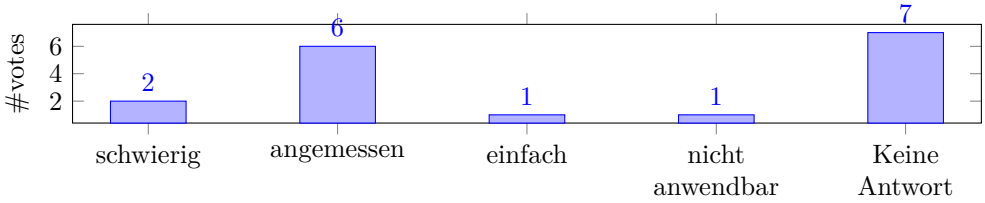
Die Vorlesung war...



Die Übungsgruppe war...

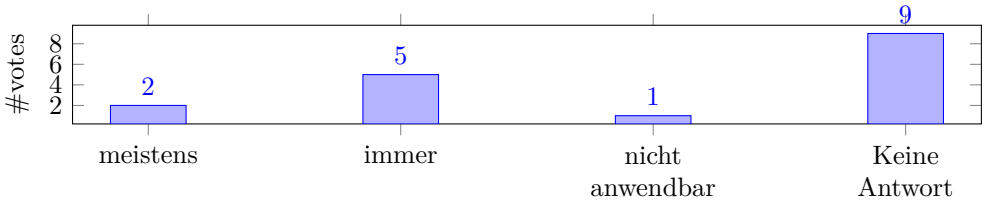


Die Übungsaufgaben waren meistens...

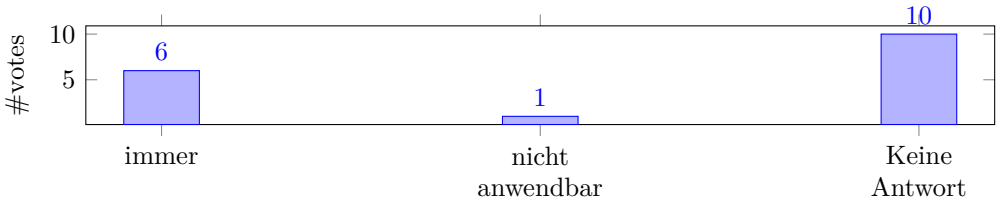


5 Bewertung des Tutoriums

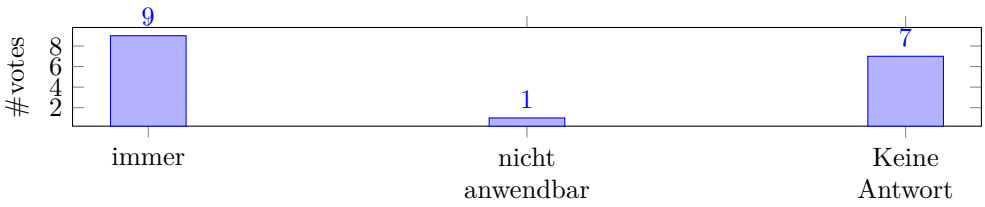
War der Tutor/die Tutorin außerhalb der Übung für Fragen etc. erreichbar?



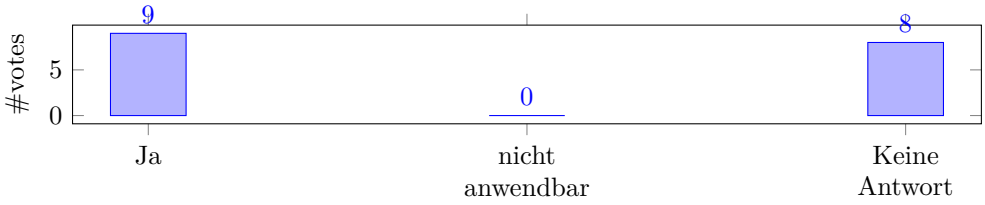
Waren die Korrekturen des Tutors/der Tutorin nachvollziehbar?



Wurde der Tutor/die Tutorin mit dem Stoff der Übung fertig?

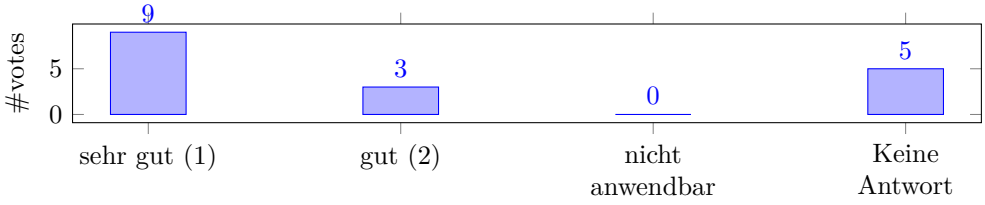


Lohnt sich der Besuch des Tutoriums?

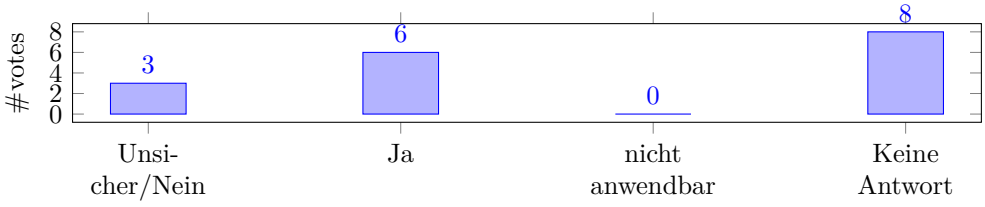


6 Abschließende Bewertung des Moduls

Note:



Hältst du die Vorlesung der Dozent:in für lehrpreiswürdig? Falls ja: wieso?



6.1 Kommentar

Very Clear explainations, good structure, very good examples, cares about what students think of his lectures
his way of teaching in a calm and collected manner really helps diving into complex topics of AGT

The implementation of the flipped classroom, was brilliant. The offered recap & reflect helped a lot to ask questions and the on site exercises ensured, you understood the content of the lecture. The flexibility of watching the videos any time during the week works perfect when working part time. The videos especially are so well done, that they don't need to be redone for every year. I wish every module was structed like this one.
The Lecture was really well structured. The Topic selection was interesting and I could understand at all times what we were doing and why. At all times I felt on top of the material even though it was far from trivial. This is purely thanks to the work put into the lecture be the team. The format was really beneficial to myself.
I liked that Professor Kesselheim took an innovative approach to teaching. Maybe the way is not perfect yet, but I think it's important to experiment with different styles of teaching and see what really works best for the students.
Just because the lectures are prerecorded videos

7 Freitextkommentare

7.1 Was hat dir an dieser Lehrveranstaltung gefallen?

The implementation of the flipped classroom was perfect. The videos are so well done and would work selfcontained, but the recap & reflect with the on site exercises helped a lot. Also the fact, that i was able to watch the videos at any time during the week, helped a lot, when working part time. One of the best structed modules i've attented.
Format, Topic, Clearness of Presentation, A clear sense of structure. One aspect I really want to mention here was the way the lecture started: By starting with an easy to understand, yet powerful example of games (aka congestion games), it was possible to get a grip on the important definitions and concepts early on and it was way easier to follow what came next. Going from a specifific example to a general concept was a really good decision, sadly not always done in the more theoretical courses. A lot of courses would in this instance start with the definition of a general cost minimization game, and give congestion games as an example, maybe as an exercise. It stood out to me as a prime example how teaching should be done. Talking with other students, they echoed that sentiment. While this is but one example, similiar patterns appeared all over the semester, making the complex theory easy to follow.
Many of the concepts were illustrated with nice examples that showed how the contends can be used to model (and solve) various real-world problems. While tastes may differ I enjoyed that nearly all theorems had full formal proofs in the lecture. The lecture notes were very helpful and well structured. While I can not say this for certain the lecture did feel like in many areas it was quite close to the state of modern research.

7.2 Was könnte noch besser gemacht werden?

Nothing. Leave the course as flipped classroom as i find this approach much better than the traditional way
A programming exercise might be an interesting bonus.

Having a big document containing all notes from all lectures would be nice, as remembering if Myerson's lemma was in lecture 9 or 10 to find it was quite the hassle.
The relation between coarse correlated equilibria and minimizing external regret could be explained in more detail, as I've noticed many students not too deep into algorithmics were very confused why regret minimisation suddenly made an appearance and what it meant.
In quite a few places problems like maximum weight perfect matching or minimum cost flows were mentioned in contexts where knowing runtimes may be relevant. It would be nice to have some short notes in these places what the polynomial runtime bounds of known algorithms for these problems are.

7.3 Hier hast du Platz für weitere Anmerkungen und Feedback zum Modul.

I really enjoyed the flipped classroom format. The lectures are long and dense, so it is easy to loose concentration sometimes. Having the possibility to pause when exhausted, or rewind in case I aught myself slipping away was a real boon. The weekly recaps are however imperative, to enforce working on the material weekly. Offering new perspectives and extra work here was a good idea.

Despite being a very mathematical lecture I think that the lecture is fairly approachable to people who do not have the strongest background in algorithmics, as it doesn't build too much on "classical theoretical computer scienceänd does not rely on too many results outside the lecture.