

Feedback: Autumn Midterm test

Midterm results

- Average: 41.3
- Median: 41
- Min: 3
- Max: 84
- Std dev: 16.5

Some impressions

- **Solving maximization problems (like profit maximization): most of you could do this. Good!**
 - However, many had problems with the revenue maximization problem. This shouldn't be more difficult if you've understood the profit max problem.
 - It's important that you understand what you're doing and not just follow some recipe.
- **Define notation and explain what you're doing (very few did this).**
 - Explain briefly in words what calculations you're doing and why.
 - Doing this has a value in itself; in addition, it makes it more likely that the marker will (at least partially) reward you if you make a sloppy mistake somewhere but otherwise do everything correctly.

- **Identifying Nash equilibria: I think most of you managed to find the Nash equilibrium in the small game (Q1d), but only about a dozen found all six equilibria of the bigger game (Q1f).**
 - If you've understood the concept, then finding equilibria in the big game shouldn't be more difficult (only take a little bit more time).
 - Again, it's important that you understand what you're doing and not just follow some recipe.
- **Hardly no one could write up the formal definition of a Nash equilibrium.**
 - It is more important that you have a conceptual understanding of the definition and that you can find Nash the equilibria in a given game. Still, the formal definition is part of the course.
 - For those of you who want to do an MSc: it's useful to get used to thinking in terms of the formal language.