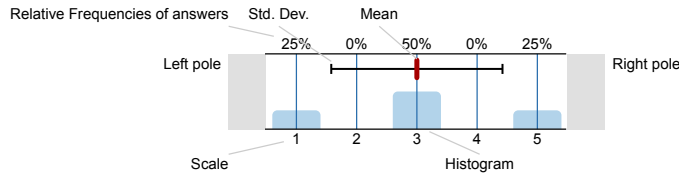# Natasha Devroye

Probabil &Rand Proc for Engr
Semester = FALL 2016
ECE-341
No. of responses = 48
No. of students enrolled = 68
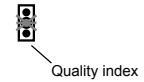
Legend

Question text

Relative Frequencies of answers · Std. Dev. · Mean

Left pole — 25% 0% 50% 0% 25% — Right pole

Scale: 1 2 3 4 5 — Histogram

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.

1. Instructor - Faculty Evaluation Questions

1.1) Rate the instructor's overall teaching effectiveness.
Poor — 0% 6.4% 25.5% 25.5% 42.6% — Excellent
n=47
av.=4.04
dev.=0.98
ab.=1

1.2) Rate the overall quality of the course.
Poor — 4.3% 12.8% 27.7% 25.5% 29.8% — Excellent
n=47
av.=3.64
dev.=1.17
ab.=1

1.3) How well did the course assignments/ quizzes/ examinations reflect content and emphasis of the course?
Not at all — 2.2% 19.6% 10.9% 32.6% 34.8% — To a Great Extent
n=46
av.=3.78
dev.=1.19
ab.=1

1.4) Was the instructor's use of technology (e.g., email, Blackboard, PowerPoint, other electronic and/ or web-based methods) effective?
Not at All — 0% 2.1% 14.9% 21.3% 61.7% — To a Great Extent
n=47
av.=4.43
dev.=0.83
ab.=1

1.5) The instructor was sensitive to the cultural/human diversity, diverse worldviews, learning disability, and / or physical disability of the students.
No Agreement — 2.6% 2.6% 12.8% 20.5% 61.5% — Strong Agreement
n=39
av.=4.36
dev.=0.99
ab.=9

1.6) How would you rate the physical environment in which you take this class, especially the classroom facilities, including your ability to see, hear, concentrate, and participate?
Poor — 12.8% 14.9% 23.4% 23.4% 25.5% — Excellent
n=47
av.=3.34
dev.=1.36
ab.=1

1.7) Course difficulty, relative to other courses was
Very easy — 0% 2.2% 13% 15.2% 69.6% — Very hard
n=46
av.=4.52
dev.=0.81
ab.=1

1.8) Course workload, relative to other courses was

Very easy | Very hard

	2.1%	4.3%	38.3%	27.7%	27.7%	
	1	2	3	4	5	

n=47
av.=3.74
dev.=0.99
ab.=1
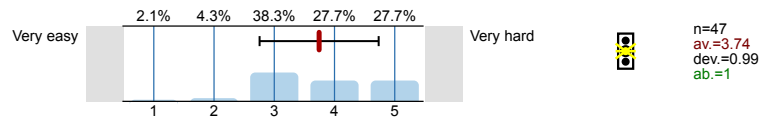
2. OPEN ENDED QUESTIONS

2.1) Please comment on specific characteristics of the course that were most beneficial to you:

- Concepts were quite straight-forward.

- I liked the fact that notes were available for me to view on blackboard and in case a lecture wasn't 100% clear I could always go back and view it again.

- I really enjoyed this class, especially the amount of resources there were to learn. If I wasn't understanding from one source, I could easily go to the next.

- Improved my problem solving skills
  Got a better understanding of probability and some of its applications

- Lecture and homework

- Lecture notes posted on Blackboard and extremely helpful during office hours.

- Lecutre notes uploads as well as video and voice to blackboard.

- More explanation and making sure students understand the material before moving forward.

- N/A

- Online notes and video lectures

- Overall lectures were straightforward and sometimes engaging, some of the homework were reflections of the lectures and the midterm exams. Overall pretty lenient on exams.

- The homework assignments were most beneficial.

- The instructor's devotion to change her teaching style for the students was oustanding. Hands down an amazing instructor for an incredibly hard class.

- The notes and lectures given in this class were among the best I've had at UIC and in college in general. The instructor went out of her way to make the notes/lectures as comprehensive as possible and always uploaded them to blackboard in a timely fashion. I found this especially beneficial because it allowed me to listen to the lectures without having to keep up with the notes during class. This class was an example of how its less about the actual course and more about who's teaching the material.

- The notes are posted online/ recorded.

- The notes were clearly written for the most part. They led to most of my understanding.

- The professor knows her stuff very well and is passionate about teaching it.

- The recorded lectures and presentation posted notes were extremely helpful.

- The recorded lectures were a god-send. Without them I would've failed the class, because I couldn't see or hear anything. I stopped going to class because of that. I can't emphasize enough how much I love the recorded lectures.

- The recording of the lectures as well as the lecture notes being uploaded to Blackboard.

- The style of teaching.

- This was not by any means an easy course but Natasha is easily one of the best professors I've ever had.

  She is incredibly good at lecturing in a way that emphasizes strong fundamentals and real understanding of the course material, and she was extremely helpful when I or other classmates had questions.

  Her lectures can be very fast paced but that appears to be a function of the course material and her tendency to be exhaustive in lecturing the material rather than a flaw of her lecture style.

- Very glad you're the new DUGS! You rule!

- Wondering that myself

- i felt like the home works were a good test to see how well you know the topics covered in class and the tests were challenging but not too difficult

- instructor was very specific and ran through many examples that pertained to theorems and definitions in class. homework was frequent and scheduled and a valuable study guide for midterms

- lectures.

- the homework assignment were most likely beneficial

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2.2) Please comment on specific aspects of the course that need improvement:

- Course note taking was a bit too fast and there seemed to be few examples gone over class to fully grasp the material.

- Get a better classroom.

- I believe the course is fun and extremely challenging but, the homework should be changed up to reflect what is actually covered in class. I always noticed that the last homework problem, of half the sets of homework assignments, was a section ahead of the covered material. This was always annoying, perhaps done intentionally but, still annoying.

- I think having more problems outside of the homework assignments would've been nice. These problems could've been optional and solutions for these would also be on blackboard. Preferably these optional assignments could be posted well before actual assignment so that way certain concepts could become a lot more clear in case they were not already clear.

- Maybe some quizzes (that aren't graded) so students can stay on track. I would fall behind trying to understand a past concept that a current concept depended on.

- Maybe the textbook!

- More real-world examples would be much more helpful.

- N/A

- Nothing to complain about.

- Perhaps an escalation of the difficulty of homework assignment that would allow for a student to be more familiar with the material. From easy to hard in each hw assignment.

- Possibly incorporating more MATLAB examples.

- Preparing for tests was difficult. The combination of having concepts that are non-intuitive, having to memorize a large number of formulas, and not being told specifically what to expect for made for very unproductive studying.

- She needs to reduce the percentage of the exams. finale exam is 40 percent.

- Something like quick (2-3 minute or so) review quizzes of the last class or two's concepts would be helpful for retaining the lecture material - especially since the lectures can be very dense.

- Sometimes the assignments got really difficult. It was harder for me because I had a scheduling conflict with office hours. But great course!

- The classroom was not ideal. It was hard to see towards the back and middle rows, this of course was not the fault of the instructor.

  I think exam 2 covered a lot of material and should be broken down into an exam 2 and 3 then maybe a final.

- The homework solutions skipped multiple steps, lectures were at a fast pace and went into much more detail than previous classes, Tests were worded more confusing than homework problems.

- The material was dry. I always find myself losing interest after looking at one example. Maybe coming up with more interesting (EE related) examples would be great.

- The notes during class goes extremely fast. There is only time to copy down the notes, so I can't fully understand the material. Also, I believe there needs to be more practice problems that reflect the exam.

- This class is too much for it being the first statistics courses most students take.

  The engineering applications section could have been an extra to the class, not a testable section

- Too many theorems, ideas, and concepts. Needs more examples during lectures to understand the questions.

- Too much material covered in the exams and its hard to remember all the formulas on the exam

- classroom was too big

- more examples.

- none.

- probably one of the most difficult courses there is for ECE. Maybe add a discussion class with TA to go over problems and test prep

- the less homework, more exams rather than two per semester

- the room was pretty bad, and i would have liked going over at least some of the home works problems after we turned it in

- the transition from normal calculus type math to probabilities is extremely hard.