

Final portfolio's self-evaluation

Instructor: Juan Pablo Vigneaux
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This questionnaire will help you document what you learnt in this course and guide you through a self-evaluation of your work.

Both the instructor and the TA will read your submission carefully. We'll schedule a short virtual or in-person meeting with you on Friday, March 15th (ideally after your last exam, if you have any).

Edit this file in MS Word or other word processor of your choice (such as GoogleDocs). *Please answer the questions using the word processor. Take your time and consider each question carefully. Answering the whole questionnaire might take a couple of hours. Save the result as a PDF.*

Save as PDF solutions to **five problems** that you would like to highlight for their quality. (These might be the solutions you submitted or improved versions of them, if that applies.)

*Put all the files in a single PDF ([you can use this tool](#)): first this questionnaire, followed by the selected solutions. The result is your *final portfolio* (any other relevant information will be read directly from Canvas). Upload your portfolio to Canvas.*

Some general questions

1. Read again your beginning-of-term reflection.
 - a. Did your thinking about the course content changed during the semester? How?
 - b. Did your thinking about your own goals changed during the semester? How?
 - c. Did you attain your goals? Why?
2. If a math freshman asks you what this course was about, what will you tell them?
3. In simple terms, what does the Central Limit Theorem say?
4. Why is it not trivial to define conditional probabilities and expectations?
5. Did your view of stochastic processes change?

An overview of your work

First, describe your level of familiarity with the following concepts, both at the beginning of the term and at the moment of answering this question. Use the following numerical scale in the relevant columns:

0: No knowledge

1: Vague notions

2: Precise but basic knowledge (only enough for simple problems)

3: Intermediate knowledge

4: Mastery

Then use the last columns to list all the submitted exercises that relate to the concept.

Concept	Beginning of term	Present	Relevant exercises
Sigma-algebras and events			
Measures			
Independence			
Lebesgue Integration (definition and basic properties)			
Convergence theorems (for integrals)			
Probabilistic inequalities			
Laws of large numbers			
Central limit theorem			
Characteristic functions			
Modes of convergence			
Conditional expectation			
Martingales (definition)			
Stopping times			
Martingale convergence			
Markov chains			

Based on the information above, answer the following:

1. How would you rate the learning that took place during the course? Choose one:

Poor / Satisfactory / Good / Extraordinary

Justify.

2. Are you satisfied with your progress? Why? Be concrete.

Then answer the following questions:

1. Approximately how many lectures did you miss? ____
2. How did you compensate these absences?
3. How engaged and mentally present were you in class?
____ There and ready to go all the time.
____ Sometimes engaged and sometimes distracted.
____ pretty remote
4. How many hours of timed, focused and structured work did you do for the course?
5. How many hours of untimed or unfocused or unstructured work?
6. How many hours did you work in total?

7. How many problem solutions did you submit (total: 16)?
8. How many of weekly reports did you submit (total: 7)?
9. Did you submit the beginning-of-term reflection? And the midterm portfolio?
10. What percentage of your submissions took place before the deadline?
11. How many peer reviews did you complete?
12. How would you evaluate the quality of the feedback that you gave?
13. Copy here the two most useful comments that you gave as feedback. (Indicate the assignments they apply to.)
14. *For each* of the five solutions that you're selecting and attaching to this questionnaire, explain why you think it is a good solution and what aspect(s) of your learning it reflects.
15. Describe two challenges that you faced during the course and how you overcame them.

Some feedback

1. In a scale of 1 to 5, where 5 is the maximum, how exciting was this course?
2. What do you think about the feedback that you received from the instructor? And from the TA?
3. How did the interactions with your peers influenced your learning?
4. After this course, would you like to learn more about probability? What exactly?
5. What was your initial reaction to the lack of focus on grades? How do you feel about it now?
6. Did you make a new friend?
7. Did you think about the ways you learn? Have you observed anything that you might take forward with you?

Grade

Please consider criteria such as learning progress, time and effort invested, quality and quantity of the solutions that you've submitted, responsiveness to feedback, contributions to peer's learning, engagement in collaborative problem solving, and any other criterion that you consider relevant.

Suggest a letter grade for yourself: _____

Explain how you arrived at this grade: