

**CS361 – Probability and Statistics for Computer Science, Fall 2022**  
**Exam Wrapper for Midterm Exam 2 (4 pts)**

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**Purpose and Instructions:** The Exam Wrapper is a short, but very effective, assignment that assists students in reflecting on their exam performance with the goal of enhancing their future learning and study practices. Complete the exam wrapper questions below and upload to Canvas by Tues, Nov. 22, 2022 at 11:59PM. Please **type** your responses using this template.

**A. Please provide brief, but thorough responses to the following questions.**

1. How did you prepare for the exam?

I prepared for this exam in the same manner as the last exam, which is why I was so shocked by the resulting score. As before the main source of my studying came from doing the practice tests. I did each practice test at least three times and the prairie learn test numerous times as well. In addition to this, I reviewed the slide show presentations.

2. What kinds of errors did you make on the exam?

The main error I made on this exam was my time, I felt like I did not have enough time, in the end, to give good answers to every question. Additionally, I was not as good at content as I had hoped. For most of the questions, I had seen some type of variation before however there was always a section of the question that I had not seen on any practice exams. This left me feeling panicked and rushed through the other portions of the exam.

3. What could you do differently next time?

Next time I would try and do more preparation than just the practice exams. While this was a very good way to study for the first test, it left me unprepared for this test. Next time I will use the sheet that lists all of the topics the test will cover and make sure I comprehend each concept even if I haven't seen the concept on a practice exam before.

**B. Please provide a brief response to the following question, using the formatted table below.**

1. Examine and explain why you got each question wrong that you did on Exam 1 (e.g., misunderstood question, did not study this material, confused over the wording of the question, did not study enough, misread the question, calculation error, etc...).

Question Number	Your Answer	Correct Answer	Why do you think you got the question incorrect on the exam?
1	Both	Only the first	Misunderstood the question
4	Both	Only the second	Confused over the wording of the question
10	-40	21	Misunderstood the question

11	16.66	233	Did not study this material enough, I did not know how to calculate the variance given two different bounds for the random variable.
11	.008	0.081	Misunderstood the question, I still don't understand why you divide by the variance to find the Z score instead of the sd.
11	25	15	I didn't get the last question so there was no way I could get this question.
11	.01	200	Misunderstood the question, I had no idea what this question was asking.
11	0	0.52	Misunderstood the question
15	-2.3	0.64	Calculation error, despite having the correct log likelihood, I do not understand how I continued to calculate the wrong MLE.
16	5	5.5	Misunderstood the question and calculation error.
16	0.18	3.8	Did not study enough, there were not MAP questions on any of the review material, thus I had no idea how to calculate MAP
16	1	$\Theta^{23}e^{(6-6\theta)}$	Misunderstood the question, I had no idea what this question was asking.