

Math 189/289C Homework 2 (Main Document)

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TOTAL POINTS

92 / 100

QUESTION 1

1 Scenario 1 10 / 10

✓ - 0 pts Correct

- 3 pts CI/CI with finite correction/bootstrap (does not have one of these three)
- 6 pts CI/CI with finite correction/bootstrap (does not have two of these three)
- 9 pts CI/CI with finite correction/bootstrap (does not have all of these three)
- 1 pts does not have a point estimate

QUESTION 2

2 Scenario 2 10 / 10

✓ - 0 pts Correct

- 3 pts did not compare if there was an exam in the week prior with the regular estimate comparison
- 7 pts did not graphically compare time with frequency

QUESTION 3

3 Scenario 3 10 / 10

✓ - 0 pts Correct

- 3 pts did not get the lower and upper bound for CLT/CI with finite correction/bootstrap(either one of these three)
- 6 pts did not get the lower and upper bound for CLT/CI with finite correction/bootstrap(two of these three)
- 9 pts did not get the lower and upper bound for CLT/CI with finite correction/bootstrap(all of these three)
- 10 pts did not investigate Scenario 3

QUESTION 4

4 Extra Credit 2 / 10

- 0 pts Correct

- 5 pts for Scenario 4(decision tree), TA's code cannot be just copied into the final result in this case
- 5 pts did not investigate Scenario 4
- 5 pts did not investigate Scenario 6
- ✓ - 5 pts Scenario 4 needs to include a decision tree
- ✓ - 3 pts for Scenario 6, only have the distribution is not enough, a test should be used

QUESTION 5

5 Introduction 10 / 10

✓ - 0 pts Correct

- 10 pts does not have an introduction part
- 5 pts introduction part should introduce what you have done in your whole report

QUESTION 6

6 Data description 10 / 10

✓ - 0 pts Correct

- 3 pts does not explain how these survey answers are numerically coded
- 7 pts does not have a data description part

QUESTION 7

7 Background 10 / 10

✓ - 0 pts Correct

- 7 pts does not have a background part
- 5 pts have a background part but did not introduce the survey methodology

QUESTION 8

8 Theory 10 / 10

✓ - 0 pts Correct

- 3 pts theory part does not explain bootstrap or confidence interval
- 7 pts theory part does not explain bootstrap and

confidence interval

- **10 pts** does not have a theory part

QUESTION 9

9 Discussion 10 / 10

✓ - **0 pts** Correct

- **5 pts** conclusion/discussion part does not include suggestions to the designers of the new computer lab
- **10 pts** does not have a conclusion/discussion part

QUESTION 10

10 Scenario 5 10 / 10

✓ - **0 pts** Correct

- **3 pts** did not graphically(histogram/ box-plot/...)
- investigate
- **4 pts** did not use cross-tabulations