

Questions about the Final

It's a little harder to take questions online, so let's use this document to gather up questions. Put your question in one of the sections below and add your initials. If you see a question from someone else that also interests you, add your initials. If you get your question figured out, come back and remove your initials. I'll use the initials to know which questions have the most interest.

Logistics

1. How do I ask a question? [rjp]
 - Answer: type your question in the right section and add your initials at the end
 - If you like a question some else posts, add your initials. If I see lots of initials, I'll know it is a question lots of people are interested in.

Graphical and Numerical Summaries (Chapters 1 and 2)

- 1.

Probability (Chapter 3)

- 1.

Random Variables (Chapters 4 and 5.1-2)

- 1.

Sampling Distributions and Confidence Intervals (5.3-5.4)

1. Meaning of confidence intervals [see also midterm #12] JL AG

Uncertainty (Chapter 6)

1. PS13 #6.5 - digits in reporting - row 1&4 AG MG
2. Difference between standard uncertainty and margin of error. AG

Linear and Non-linear models (Chapters 7--8)

1.

Hypothesis Testing (Chapter 9)

1. PS 15 & PS 16 9.1 -- Geiger -- MG JL [see solution now]
2. Difference when solving for $\mu=\mu_0$, $\mu<\mu_0$, $\mu>\mu_0$. JL
 - a. not really "solving" but creating a p-value

Other Stuff (Not sure where it goes? Put it here)

1. Midterm Questions:
 - a. #5 - why don't we facet for the last two (somecars graphs) AG
 - b. #6 - $P(X \geq Y)$ AG
 - c. #8 - median of X AG
 - d. #10 - parameter vs statistic example AG
 - e. #12 - True or False explanation (washers) AG, AG, AT
 - f. #13 - finding 95% CI GL
2. Review problems:
 - a. #3 - [probability, independence] - part A AG MG
 - b. #4 - [expected value] - part A AG
 - c. #8 - [graph of cdf] - part B-D AG
 - d. #15 - [regression predictions and residuals] - part B&C AG