

Week 10: Lab (Review Session)

David Diez

Review session :: Thursday, 3:30-6:20pm in Young Hall 2200. Hand out review problems. Solutions will be posted on

www.stat.ucla.edu/~david/teac/stat10.php

Office hours :: Next week, I will hold additional office hours on Monday with times to be determine and posted on my calendar; the times may change before noon on Sunday.

Suggestion on studying :: Review both exams thoroughly; these topics will almost certainly come up.

Histograms and boxplots :: Discussion of skew and the relative locations of means and medians. Discussion of five-number summary for boxplot ($\min, Q_1, \text{median}, Q_3, \max$) and then any outliers. For the histogram for #7 on page 64, why would it be inappropriate to only report a mean for the center of this distribution?

Normality :: p123, #17cde. (c) 16%. (d) $0.976 - 0.8413 = 0.135$. (e) less than 12.4 mpg.

Probability examples ::

- p335, #19ab.

Response	Number	proportion
More production	332	0.33
More conservation	563	0.56
Both	80	0.08
No opinion	30	0.03

- p360, #45. (Tree diagram, break off by person, then breaking.)
- p395, #19.