STAT112: Homework from the 13^{th} Edition of the McClave Textbook

Review

2.40 2.138 Study Section 2.10 2.139 2.143 2.169

Read p. 631-632

Confidence Intervals

6.1 6.3 6.23 6.26 6.27 a, b, c 6.28

Testing the Hypothesis between a Mean and a Constant

7.30 7.31 7.46 7.113

Testing the Hypothesis between Two Means

8.7 a, b, c 8.23 8.29 8.30 8.101

Linear Models

11.26 11.44 11.111

ANOVA

Same problems as Homework 11 above but test $H_0 : \beta_1 = 0 \quad vs \quad H_1 : \beta_1 \neq 0$ at $\alpha = .05$.

Goodness-of-Fit

10.17 10.46 10.48

Design of Experiment

9.4 9.11 9.62 9.91

More General Linear Models

12.18 12.28

Quality Control

13.5 13.8 13.15 13.18 13.19
13.22 13.21 13.25