

## STAT112: Homework from the 12<sup>th</sup> Edition of the McClave Textbook

### Review

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2.40	2.136	Study Section 2.10	2.137	2.141	2.169
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Read p. 631-632

### Confidence Intervals

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6.1	6.3	6.23	6.26	6.27 a, b, c	6.28	6.32
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### Testing the Hypothesis between a Mean and a Constant

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7.30	7.31	7.46	7.113
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### Testing the Hypothesis between Two Means

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8.7 a, b, c	8.23	8.29	8.30	8.36
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### Linear Models

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11.22	11.40	11.103
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### ANOVA

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

### Goodness-of-Fit

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10.17	10.45	10.48	10.51
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### Design of Experiment

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9.4	9.11	9.62	9.91	9.100	9.108 a, b, c, d
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### More General Linear Models

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12.18	12.28	12.47 b,c
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### Quality Control

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13.5	13.8	13.13	13.16	13.17	13.19
13.20	13.21	13.25	13.29		