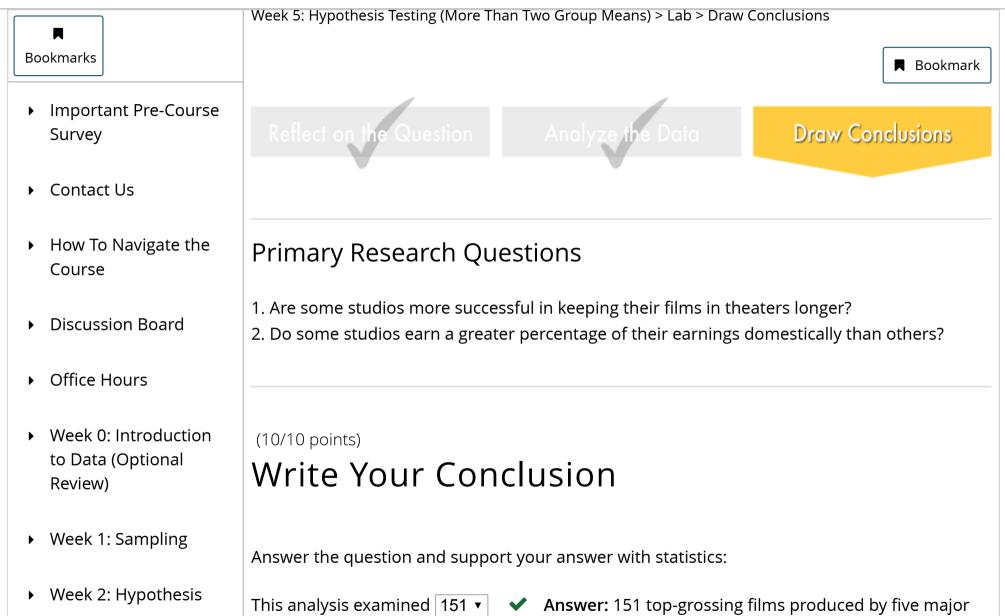


UTAustinX: UT.7.20x Foundations of Data Analysis - Part 2



Testing (One Group Means)

- Week 3: Hypothesis Testing (Two Group Means)
- Week 4: Hypothesis Testing (Categorical Data)
- Week 5: Hypothesis Testing (More Than Two Group Means)

Readings

Reading Check due May 03, 2016 at 17:00 UTC

Lecture Videos

Comprehension Check due May 03, 2016 at 17:00 UTC

R Tutorial Videos

Pre-Lab

Pre-Lab due May 03, 2016 at 17:00 UTC

Lab

studios. Visual examination of the data through boxplots shows no violation of the approximate equality of variance **Answer:** variance assumption across the five major studios. Analysis revealed **Answer:** revealed a difference in the number of days a film spent in the theater, by studio (F(4,146)= 5.354 ▼ **✓ Answer:** 5.354 , p<0.05). In a Tukey HSD ▼ ✓ Answer: Tukey HSD test, Fox **Answer:** Fox films stayed in the theater significantly longer (155 days) than both Universal Answer: Universal (130 days) and Sony Studios (114 days). Sony studios was also significantly lower than Warner Brothers ▼ **✓ Answer:** Warner Brothers studios (146 days). An additional analysis did not ▼ ✓ Answer: did not reveal a significant difference in the percentage of earnings domestically, across the five different studios (F(4,146)=2.097, p= 0.084 ▼ Answer: 0.084. You have used 1 of 1 submissions

Lab due May 03, 2016 at 17:00 UTC

Problem Set

Problem Set due May 03, 2016 at 17:00 UTC

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