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Readings

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

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Week 3: Hypothesis Testing (Two Group Means) > Lab > Draw Conclusions



Bookmark

Reflect on the Question

Analyze the Data

Draw Conclusions

Primary Research Questions

1. Do students at UT spend more time on homework per week in college than they did in high school?
2. Do students in fraternities and sororities get less sleep on the weekends than other college students?

(8/8 points)

Write Your Conclusion

Answer the question and support your answer with statistics:

The average amount of difference in the time that UT students spent on homework in high school versus college was found to be

approximately normal ▼



Answer: approximately normal . The

difference showed that, in college, students spend 10.95 ▼



Answer: 10.95 hours more on homework per week than in high school.

This difference is significant ($t(213)=$ 16.81 ▼



Answer: 16.81 , $p<.05$).

The distributions for the amount of sleep for students in either fraternities and sororities and other students are both approximately normal ▼



Answer: approximately normal There was not ▼



Answer: was not a significant difference between in amount of Saturday night sleep for the students who are in the Greek system (mean=7.73) and those who are not (mean=8.04), with a t-statistic of -0.981 ▼



degrees of freedom ▼




Answer: degrees of freedom =62.95) and a p-value of 0.1652 ▼



Answer: 0.1652 .


R Tutorial Videos**Pre-Lab**

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

Lab

Lab due May 03, 2016
at 17:00 UTC 

Problem Set

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

- ▶ Week 4:
Hypothesis
Testing
(Categorical
Data)

You have used 1 of 1 submissions

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