

Lesson 11:
Confidence Intervals

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Video: Traditional Confidence Intervals

SEARCH

RESOURCES

CONCEPTS

7. Video: Confidence Interval Appli...

8. Video: Statistical vs. Practical Sig...

9. Quiz: Statistical vs. Practical Sig...

10. Video: Traditional Confidence...

11. ScreenCast: Traditional Confid...

12. Video: Other Language Associ...

13. Other Language Associated wi...

14. Video: Correct Interpretations ...

15. Quiz: Correct Interpretations o...

16. Video: Confidence Intervals & ...

17. Text: Recap + Next Steps

Lightbulb icon

Mentor Help

Ask a mentor on our Q&A platform

Speech bubble icon

Peer Chat

Chat with peers and alumni

Man in plaid shirt

WITH LARGE
Bootstrapping and Tra
will provide essentially

B

One educated, but potentially biased opinion on the traditional methods

are no longer necessary with what is possible with statistics in modern comput will become even less important with the future of computing. Therefore, merr to throw at a particular situation will be a glazed-over component of this class. resources below should you want to dive into a few of the hundreds if not thou tests that are possible with traditional techniques.

To learn more about the traditional methods, see the documentation [here on 1](#) corresponding hypothesis tests. In the left margin of this Stat Trek page, you w of the hypothesis tests available, as shown in the image below.

Hypothesis tests

- Proportions
- Diff between props
- Mean
- Diff between means
- Diff between pairs
- Goodness of fit test
- Homogeneity
- Independence
- Regression slope

Each of these hypothesis tests is linked to a corresponding confidence interval, bootstrapping approach can be used in place of any of these! Simply by unders like to estimate, and simulating the sampling distribution for the statistic that b