

STA 13A

Eighth Week Discussion

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Review on materials covered

Some Important terminology last week

- hypothesis, null hypothesis, alternative hypothesis
- test statistic
- type 1 error, type 2 error
- rejection region
- one-sided test of hypothesis and two-sided test of hypothesis
- large-sample test of hypothesis about mean based on a normal statistic
- observed significance level: p-value
- calculating the p-value for a test of hypothesis
- small-sample test of hypothesis about mean based on a Student's t Statistic
- large-sample test of hypothesis about proportion based on a normal statistic

Some Typical Questions

- Refer to Textbook 6.16, 6.28, 6.50, 6.66, 6.82(a)
- Questions on homework if you have any!!! If not, that is the end of class :)