

2TT - A Shiny App for 2-Sample t-Test

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Shiny App 2TT

- 2TT is a simple and easy to use Shiny App for 2-sample t-Test.
- 2TT's features
- Read user specify data file.
- Compare any two samples specified by user.
- Tab-Set Panels provides clean presentation:
 - Data summary provides quick look of the data.
 - Box plot provides visual summary of comparison.
 - Text summary for more T-test detail.

Side Panel and “Show Data Summary” Tab

- 2TT allows users simply choose the data file to download. The side panels allow users to specify formats of the file and identify the names of any two samples to compare.
- 2TT provides a quick summary in “Show Data Summary” tab after the data is correctly read.

“Box Plot” Tab

- 2TT presents a visual comparison for the two samples to user inside the “Box Plot”.

“t-Test Summary” Tab

- 2TT gives user more detail of the t-Test result in the “t-Test Summary” tab.

Summary

- Introduce to the world 2TT - A simple and easy to use Shiny App for 2-sample t-Test.
- 2TT's features for clean and direct result summary.
- More to come:
- Better graphic
- Flexibility of data format
- Sample file included.