

7.7: Structured Summary for the One Sample t-Test

After carefully reading the chapter, complete the following structured summary to add a learning check and easy-to-use reference to your notes.

Summarize what each symbol stands for.

μ =

\bar{x} =

s =

n =

Fill-in the appropriate information for each section below:

1. One Sample t -Test Basics
 - a. For which kinds of data can/should this be used?
 - b. What is the focus of this statistic?
 - c. What assumptions must the data meet to use this test?
2. One Sample t -Test Formula
 - a. What is the formula for a one sample t -test?
 - b. What are the preparatory steps for using this formula?
 - c. What are the steps for computing t using this formula?
3. Reporting Results from a One Sample t -Test
 - a. How is this statistic reported when using APA format?
 - i. What three things must be reported?
 - ii. What are the parts of the evidence string and what does each stand for or indicate?

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