

9.5: Structured Summary for the Dependent Samples 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.

$n =$

$\Sigma d =$

$\Sigma d^2 =$

Fill-in the appropriate information for each section below:

1. Dependent Samples t -Test Basics

- For which kinds of data can/should this be used?
- What is the focus of this statistic?
- What assumptions must the data meet to use this test?

2. Dependent Samples t -Test Formula

- What is the formula for a dependent samples t -test?
- What are the preparatory steps for using this formula?
- What are the steps for solving using this formula?

3. Reporting Results from a dependent samples t -Test

- How is this statistic reported when using APA format?
 - What four things must be reported in the APA summary paragraph?
 - What two specific statistics must be reported for each of the two versions of the test variable (i.e. for the posttest and pretest)?
 - What are the parts of the evidence string and what does each stand for or indicate?
 - How is the effect size computed and reported for a dependent samples t test with sample sizes greater than 20?
 - What is the recommended effect size to check and report using SPSS when the sample size is smaller than 20?

This page titled [9.5: Structured Summary for the Dependent Samples t-Test](#) is shared under a [CC BY-NC-SA 4.0](#) license and was authored, remixed, and/or curated by .