

## 14.7: Structured Summary for Chi-Squared

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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.

$N$  =

$k$  =

$f_o$  =

$f_e$  =

Fill-in the appropriate information for each section below:

1. Chi-Squared 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. Chi-Squared Formula

- What is the formula for chi-squared?
- What things should be computed in the preparatory steps for using this formula?
- What are the steps for solving using this formula?

3. Reporting Results from Chi-Squared.

- How is this statistic reported when using APA format?
  - What things must be reported in the APA summary sentences for the chi squared?
  - When might it be useful or necessary to report the expected counts for a chi-squared in the APA-formatted results?

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