

Learning objectives

After studying this chapter and doing the exercises, you should be able to:

- 1 Construct confidence intervals for a population standard deviation or population variance, using the chi-squared distribution.
- 2 Conduct and interpret the results of hypothesis tests for a population standard deviation or population variance, using the chi-squared distribution.
- 3 Conduct and interpret the results of hypothesis tests to compare two population standard deviations or population variances, using the F distribution.