

CHAPTER OVERVIEW

11: The Chi-Square Distribution

A chi-squared test is any statistical hypothesis test in which the sampling distribution of the test statistic is a chi-square distribution when the **null hypothesis** is true.

- 11.1: Prelude to The Chi-Square Distribution
- 11.2: Facts About the Chi-Square Distribution
- 11.3: Goodness-of-Fit Test
- 11.4: Test of Independence
- 11.5: Test for Homogeneity
- 11.6: Comparison of the Chi-Square Tests
- 11.7: Test of a Single Variance (Not Included in the Course)
- 11.8: Lab 1- Chi-Square Goodness-of-Fit (Worksheet)
- 11.9: Lab 2- Chi-Square Test of Independence (Worksheet)
- 11.10: The Chi-Square Distribution (Exercises)

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