

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.

11.0: Introduction

11.1: Facts About the Chi-Square Distribution

11.2: Goodness-of-Fit Test

11.3: Test of Independence

11.4: Test for Homogeneity

11.5: Comparison of the Chi-Square Tests

11.6: Test of a Single Variance

11.7: Lab 1- Chi-Square Goodness-of-Fit (Worksheet)

11.8: Lab 2- Chi-Square Test of Independence (Worksheet)

11.E: The Chi-Square Distribution (Exercises)

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