

CHAPTER OVERVIEW

11: Two Populations Inference

In this section we consider expanding the concepts from the prior section to design and conduct hypothesis testing with two samples. Although the logic of hypothesis testing will remain the same, care must be taken to choose the correct model. We will first consider comparing two population means.

[11.1: Independent vs. Dependent Sampling](#)

[11.2: Independent Sampling Models](#)

[11.3: Dependent Sampling – Matched Pairs t-test](#)

[11.4: Independent Sampling – Comparing Two Population Variances or Standard Deviations](#)

[11.5: Comparing Two Proportions](#)

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