

CHAPTER OVERVIEW

3: Comparing Two Group Means

Hello everyone, and welcome to Chapter Three of the University of Southern Queensland's online, open access textbook on statistics for research students.

The aim of this chapter is to discuss methods for comparing differences in means across two groups. In other words, would the mean value of some variable in one group be different to the mean value of that same variable in another group. This is a very useful process when two groups differ on some characteristic of importance (such as a psychological treatment or intervention). Hence we can sometimes refer to these groups as “non-equivalent groups.”

For more information, please keep reading this chapter.

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[3.2: Between Versus Within Groups Analysis](#)

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[3.4: Paired T-test Assumptions, Interpretation, and Write Up](#)

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