

CHAPTER OVERVIEW

1: Exploring Your Data

Hello everyone, and welcome to the first chapter of the University of Southern Queensland's online, Open Access Textbook: Statistics for Research Students: An Open Access Resource with Self-Tests and Illustrative Examples

This book aims to help you understand and navigate statistical concepts and the main types of statistical analyses essential for research students. The aim of the first part of the book is to go over some of the basic concepts related to statistics and data analysis. These basic ideas include the core statistical concepts of *descriptive statistics*, *basic checks for normality*, and *graphing data*. As you progress through the book, you will see each chapter is broken into several sections.

There are some slides that appear via links within most chapters, and you should look for these as you review the current chapter.

Please proceed to the next section to get started.

[1.1: Data and Types of Statistical Variables](#)

[1.2: Descriptive Statistics](#)

[1.3: Missing Data](#)

[1.4: Checking Values](#)

[1.5: Normality](#)

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