

Introduction: Exercises

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1 Getting started

Exercise 1.1. To familiarize yourself with the RStudio interface, perform the following tasks.

- (a) Obtain a list of all data sets available in package `datasets`. Choose three data sets and view their help files to get information on the variables.
- (b) Create a new R script. Consider again the three data sets from before, and write the commands for loading them and producing summaries into the R script. Save the R script in the working directory.
- (c) Close the R script and reopen it. Execute the commands on the R console using the appropriate keyboard shortcut (do not copy & paste) and examine the output.
- (d) In the top right panel, switch to the *History* tab and browse through your history of commands. Double click on one of the commands. What happens?

Exercise 1.2. To familiarize yourself with the R help facilities, perform the following tasks.

- (a) In the bottom right panel, switch to the *Packages* tab. Choose a package and load it. Click on the name of the package. What happens?
- (b) Browse the list of available help topics in the package from before. Use links in a help file to navigate from one topic to another. Use the *back* and *forward* arrows in the menu bar of the help tab to browse through the last opened help topics. Use the text field that displays “*Find in Topic*” to search for text in a help file.