

Handling data in R

Exercises

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Sections 1-3

1. Load the dataset `swiss`, included in the package `DATASETS`.
2. Import the dataset stored in the environment file `BIRTHS.RDATA` from the `FILES` folder.
3. Import the dataset stored in the file `TITANIC.TXT` from the `FILES` folder, using both the command line interface and the tools in the `WORKSPACE` window. Hint: open the file with a text editor first.
4. Import the dataset stored in the Stata file `AIRQUALITY.DTA` from the `FILES` folder, using both the command line interface and the tools in the `WORKSPACE` window.

Sections 4-5

5. Open the help page of the data frame `swiss` and report how many variables it contains. Also, display the data frame `airquality` in a viewer.
6. Show the content of `titanic` and report how many numeric variables it contains. Display the first 5 records of the data frame `airquality`. Summarize the variable `Fertility` in `swiss` and the whole data frame `births`.
7. Export `swiss` in the `FILES` folder as a comma-separated value file, as a file with format compatible with Stata, and finally as a file with the default R formats.