

Markdown exercise

TASK 1: The R package called `datasets` contains several real data that have been obtained from different projects. A complete description of all available examples can be found here: <https://stat.ethz.ch/R-manual/R-devel/library/datasets/html/00Index.html>. We are interested in performing a simple descriptive data analysis using R/Markdown.

- Select one of the datasets availables in `datasets` R package.
- Write a little paragraph describing the dataset you have selected.
- Choose 4-6 variables (categoricals and continuous) you are interested in, and:
 - Summarize them.
 - Create a table describing the relationship between 2 categorical variables (HINT: use `table` function).
 - Describe continuous variable using an histogram. Encapsulate the different histogram in a panel.
 - Do a linear regression analysis between two continuous variables (use `lm` function). Describe its association in a plot including a line representing such regression model.

IMPORTANT NOTE: I am not interested in having a dataset with amazing results. I just want you to perform these analyses using real data and demonstrate you are able to perform analyses using reproducible research tools. I will not evaluate either whether the results are having any biological meaning or relevance.