

HOMEWORK 29.06.2017

INTRODUCTION TO ADVANCED STATISTICS

AIMS FOR THE HOMEWORK

- Perform a Simple Linear Regression in R
- Make a meaningful plot about the linear association of the data.
- Send a pdf of the analysis to hannah.rosa.friesacher@univie.ac.at

HOW TO MAKE THE ANALYSIS

As foundation of your analysis, please use the “cars” dataset in the base package of R.

First inspect the data and summarize them in a graphical way, with histograms or boxplots to illustrate the properties of the data.

Create a linear regression model between the two variables “dist” and “speed” of the dataset “cars”, where you use “dist” as the response variable and “speed” as the independent variable.

Follow the recommendations for the output under this post:

<https://stackoverflow.com/questions/12092369/how-to-capture-r-textimage-output-into-one-file-html-doc-pdf-etc>

For questions do not hesitate to contact me!