

To Do List for October 9, 2023

Dear Students,

unfortunately, I cannot be in Bonn on Monday (October 9). But I have a homework for you such that we can meet on Monday (October 17) well prepared for our first in class lectures. Please, follow the below two points for downloading and installing the necessary software and for an introduction to the statistical programming language R.

1. Download and Install Software

First of all, you need to download and install R: <https://cloud.r-project.org/>

Second, you need to decide for an editor (actually an integrated development environment (IDE)). RStudio is the best option for beginners. Those of you, who have already coding experiences probably would like to use vscode.

- **RStudio:** <https://posit.co/downloads/>
- **VSCode:** <https://code.visualstudio.com/download>
- **VSCode for R:** <https://code.visualstudio.com/docs/languages/r>

2. Introduction to R

If you have no experience in working with R, it is highly recommended read Chapter 1 of our lecture script and to start practicing working with R. We will work a lot with R, therefore, it is important that you make yourself familiar with this statistical programming language.

Learning resources:

- Chapter 1 of our lecture script
- YouTube video: <https://youtu.be/yZ0bV2Afkc?si=XK2968SFTwEHQMTF>
- There are many further materials online