Programming with R/Advanced R

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FDZ Spring Academy

Introduction

Who are we?

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Introduction

Who are you?

- 1. Specific interests?
- 2. Previous knowledge and experience?
 - with R
 - with other statistic software
 - with other programming languages

Motivation

- Being more efficient in your research
- Successful collaborations (with your future self?)
- Syntaxes as part of paper submissions

R Objects (Recap)

Clean Code

Iteration

Understanding Functions

Writing Functions

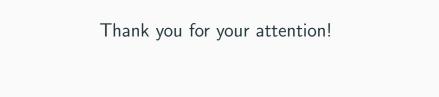
Object Oriented Programming (S3)

Version Controlling (Git + Github)

Literature Recommendations

R Ressources

- Avanced R Ed. 1 (http://adv-r.had.co.nz/)
- Avanced R Ed. 2 (https://adv-r.hadley.nz/)
- R Inferno (https: //www.burns-stat.com/pages/Tutor/R_inferno.pdf)
- R Packages (https://r-pkgs.org/)
- Clean Code (https://enos.itcollege.ee/~jpoial/oop/ naited/Clean%20Code.pdf))



Thank you for your attention!

Questions? Remarks?