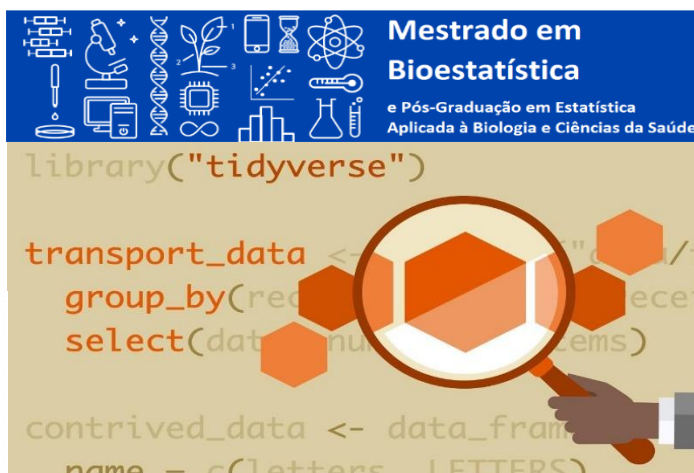




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Centro de Estatística e Aplicações  
Universidade de Lisboa



# Tidying data with R

short course

Presenter: Saghir Bashir (FCUL)

Session 1: 13:00-16:30, Friday 12 April, Room 6.4.30

Session 2: 13:00-16:30, Monday 15 April, Room 6.4.31

Data usually arrives in a “messy” state requiring tidying. This workshop will teach you to organise and structure data in a consistent way for analysis and visualisation. The main focus will be on the dplyr and tidyr packages from the tidyverse. The topics covered will include: creating new variables, re-ordering observations, selecting observations/variables, summarising data and restructuring data.

The workshop format will give participants the maximum time to practice R programming. Concepts, ideas and motivation will be presented in the simplest possible way before each exercise. Participants will be strongly encouraged to discuss and work together on the course exercises.

Prerequisites: Laptop (battery fully charged is strongly recommended) with the latest version of R (<https://cran.r-project.org>), Rstudio (<https://www.rstudio.com/products/rstudio/download/>) and the tidyverse package.

Registration form: <https://forms.gle/dqdEzRco1bFieyM68>

Coming soon, in May:

Session 3: Data Visualisation with R ggplot2

Session 4: data.table package

Session 5: Git & GitHub - Tracking your work

Session 6: Report writing & R markdown

Organization: [Mestrado em Bioestatística](#), with the support of DEIO and CEAUL