Introduction to R Workshop Series



A practical introduction to the statistical software R conducted by the QIMR Berghofer Statistics Unit. These hands-on workshops are designed for clinicians and researchers who are new to R.

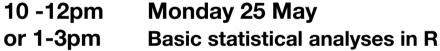
Presented by Lachlan Webb | QIMR Berghofer Level 3 Central Training Room

10-12pm Monday 11 May or 1-3pm Introduction to R and RStudio

- What are R and RStudio?
- Basic maths operations, data types, objects
- Functions, packages and R documentation
- Importing and visualising data

10-12pm Monday 18 Mayor 1-3pm Data preparation and handling

- Inspecting data and data cleaning
- Recoding and variable type conversion
- Merging and pivoting data
- Exporting data



- Basic analyses on categorical data
- Basic analyses on continuous data
- Survival analysis

10 -12pm Monday 1 June or 1-3pm Extended programming in R

- Conditionals and loops
- Writing functions

10 -12pm Monday 8 June or 1-3pm Into the tidyverse

- Using the tidyverse in R
- Pipes
- Visualisation with ggplot



For more information and to register visit the course website

qimrberghofer.edu.au/r-workshops2020







This is a free course available for researchers from QIMR Berghofer, Metro North and Mater hospitals

Registration is essential as spaces are limited.

It is preferred that attendees bring a laptop with R and Rstudio software installed. Software installation instructions and R workshop booklet will be provided with registration.



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