

2019 Spring and Summer R Course Series

Courses organized by Biostatistics Research Unit (BRU) at UHN,
and THETA Collaborative



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Introduction to R – May 13, 2019 and May 14, 2019

(Instructors: George Tomlinson, PhD and Nicholas Mitsakakis, PhD)

- ▶ Why R?
- ▶ Getting to know R and R Studio
- ▶ Basic R graphics
- ▶ Useful statistical procedures

From Raw to Ready: Preparing Your Data in R – June 3, 2019

(Instructors: Nicholas Mitsakakis, PhD and Leah Szadkowski, MSc)

- ▶ Why do this work in R?
- ▶ Guidelines for raw data collection
- ▶ Describing raw data; transforming, cleaning, and deriving data and dates
- ▶ Summarizing data

Data Visualization with ggplot2 – June 26, 2019

(Instructors: Juan Pablo Diaz Martinez, PhD (c) and Julie Hudson, MSc)

- ▶ Why ggplot2?
- ▶ Scatterplots, histograms, boxplots, polygons, dotplots, etc.
- ▶ Adjusting the plot: scales, shapes and colours, axes, legends
- ▶ Best practices of data visualization

Reproducible Reports in R – July 8, 2019

(Instructors: Leah Szadkowski, MSc and Juan Pablo Diaz Martinez, PhD (c))

- ▶ Why make reproducible reports?
- ▶ R markdown, the basics
- ▶ Tables and Figures
- ▶ References

Fees

All half day sessions:
9:00 am -12:30 pm

Introduction to R (2 half days): \$200

Other courses (half day): \$100 each

Package: all 5 courses for \$400

Directions

Where:

10th Floor, Rm 240,
Toronto General Hospital
200 Elizabeth Street, Toronto

More information at:

Web site: thebru.ca

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