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Canadian Bioinformatics Workshops

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Generalized Linear Models

Shraddha Pai

Analysis Using R

June 14, 2024

Ontario Institute for Cancer Research

University of Toronto

Some material adapted from 2021 lecture by Lauren Erdman

Learning Objectives

- By the end of this lecture, you will:
  - Learn to read tables into R and merge tables
  - Learn to create a variety of publication-quality plots using ggplot() and use them to explore data
  - Learn how to fit a binary response variable using glm()

Follow along with the worked example for Module 3 …

We are on a Coffee Break & Networking Session

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