

Introduction to R Programming

Arthur Li

Welcome

- ❖ Biostatistician
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Course Contents

Required Topics:

Chapter 1: Introduction to R

Chapter 2: Vectors, Matrices, and Arrays

Chapter 3: Lists and Data Frame

Chapter 4: Subsetting Objects

Chapter 5: Introduction to R Functions

Chapter 6: Data Input and Output

Chapter 7: Data Manipulations

Chapter 8: Data Aggregation

Optional Topics:

(Chapter 9: Writing User-Defined Functions)

(Chapter 10: Character Manipulations)

(Chapter 11: Graphics in R)

Course Reader

- ❖ Course Reader can be purchased from University Reader.
- ❖ The instruction about how to order the course reader is written on the course syllabus.

Assignment

- ❖ Assignment #1—30 points
Chapter1 – Chapter3
- ❖ Assignment #2—30 points
Chapter4 – Chapter6
- ❖ Assignment #3—40 points
Chapter1 – Chapter8