

Introduction to R

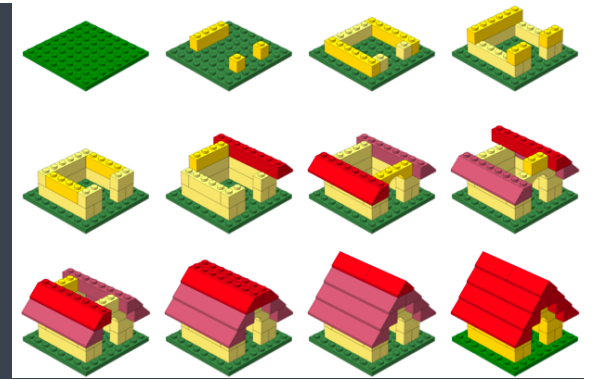
Harvard Chan Bioinformatics Core

April 20th, 2017

<http://tinyurl.com/hbc-intro-R-hndc>

Sponsored by HNDC

Learning Objectives



- ✓ Become comfortable with RStudio (a graphical interface for R)
- ✓ Fluently interact with R using RStudio
- ✓ Become familiar with R syntax
- ✓ Understand data structures in R
- ✓ Inspect and manipulate data structures
- ✓ Install packages and use functions in R
- ✓ Visualize data using simple and complex plotting methods

Resources

[Resources for RNA-Seq, R, general bioinformatics](#)

[Asking for help with R](#)

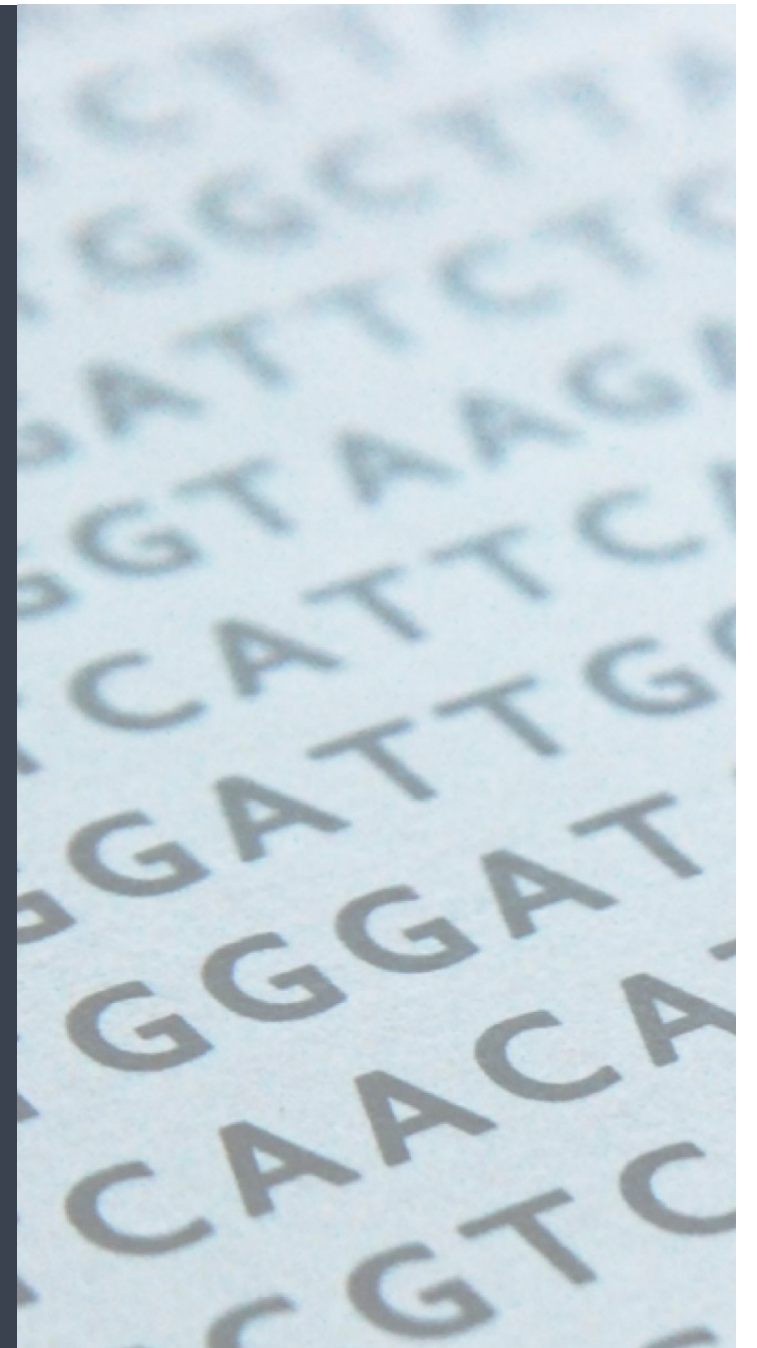
[ggplot2 cheatsheet](#)

Exit survey

<http://tinyurl.com/hndc-r-exit-survey>

Consulting

- RNA-seq, small RNA-seq and ChIP-seq analysis
- Genome-wide methylation
- WGS, resequencing, exome-seq and CNV studies
- Quality assurance and analysis of gene expression arrays
- Functional enrichment analysis
- Grant support



Contact us!

HBC webpage: <http://bioinformatics.sph.harvard.edu>

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