

Table of Contents

Introduction

Introduction to R

An Introduction to LINUX for Biological Research

Statistical Methods for Data Analysis

Analyzing Generic Tabular Numeric Datasets in R

Functional Enrichment Analysis

Integrating Multiple Datasets in R

Analyzing Microarray Data in R

Analyzing DNA Methylation Microarray Data in R

DNA Analysis With Microarrays

Working with Sequencing Data

Genomic Sequence Profiling

ChIP-seq

RNA-seq

Bisulphite Sequencing

Final Notes