R for bioinformatics, data summarisation and statistics
HUST Bioinformatics course series

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section 1: TOC

前情提要

- basic plot functions
- basic ggplot2
- special letters
- equations
- advanced ggplot2

本次提要

- data summarisation functions (vector data)
  - median, mean, sd, quantile, summary
- 图形化的 data summarisation (two-D data/ tibble/ table)
  - dot plot
  - smooth
  - linear regression
  - correlation & variance explained
  - groupping & bar/ box/ plots
- statistics
  - significance
  - parametric and non-parametric comparison
  - chi-squre
  - hyper-geometric analysis
  - others

section 2: contents

see here

section 3: Exercise and home work

more to read

练习

作业

下次预告