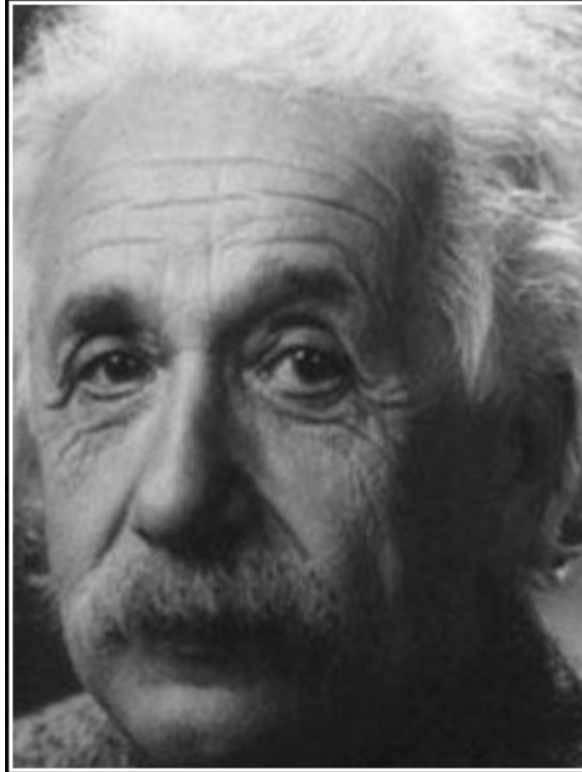# Resources

Andrew Redd, PhD.
R Bootcamp 2020

Know where to find the information and how to use it - That's the secret of success.

— Albert Einstein —

AZ QUOTES

Resources

Help files

- Use ? for finding the help of a function.

  - `?help`

  - `package?stats`

- Use ?? for searching

- Can't remember the name of that function?
  That's what `aprops` is for.

  - `apropos("print")`

Help files

- Use ? for finding the help of a function.

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Caveat

Documentation for only those packages that are loaded and/or installed.

Online documentation

(https://www.rdocumentation.org/)

Tasks

(https://www.rdocumentation.org/)

Using R documentation

- ☐ Find a function that performs a t-test.
- ☐ Find 3 different functions that performs the Wilcoxon rank sum test.
- ☐ Find the list of packages that I have on CRAN.

Answers

- ☒ Find a function that performs a t-test.
  - `stats::t.test()`
    (https://www.rdocumentation.org/packages/stats/versions/3.6.1/topics/t.test)
  - `stats::pairwise.t.test()`
    (https://www.rdocumentation.org/packages/stats/versions/3.6.1/topics/pairwis
  - `rgr::gx.t.test()`
    (https://www.rdocumentation.org/packages/rgr/versions/1.1.15/topics/gx.t.test
  - `rt.test::rt.test()`
    (https://www.rdocumentation.org/packages/rt.test/versions/1.18.7.9/topics/Ro
    t-test)

Answers

- ⊠ Find a function that performs a t-test.
- ⊠ Find 3 different functions that performs the Wilcoxon rank sum test.

    - `stats::wilcox.test()`
      (https://www.rdocumentation.org/packages/stats/versions/3.6.1/topics/wilcox.t

    - `PASWR::wilcoxE.test()`
      (https://www.rdocumentation.org/packages/PASWR/versions/1.1/topics/wilcoxl

    - `exactRankTests::wilcox.exact()`
      (https://www.rdocumentation.org/packages/exactRankTests/versions/0.8-
      30/topics/wilcox.exact)

Answers

- ☒ Find a function that performs a t-test.
- ☒ Find 3 different functions that performs the Wilcoxon rank sum test.
- ☒ Find the list of packages that I have on CRAN.
    - https://www.rdocumentation.org/collaborators/name/Andrew%20Redd (https://www.rdocumentation.org/collaborators/name/Andrew%20Redd)

Asking Questions

The best place for getting questions answered is

(https://stackoverflow.com/questions/tagged/r?tab=Newest)

But be sure to use search with the `[r]` or `[rstats]` tags to find R specific information.

R Related news

- search 🐦 twitter with the hashtag `#rstats` (https://twitter.com/search?q=%23rstats)

- The R Journal (https://journal.r-project.org/)

- (https://www.r-bloggers.com/)

Next Up

Syntax (03-Syntax.html)