Research Article
A Short Subtitle

Joey W. Trampush[a,1,*], Tommy Trojan[b,2], Biggie Smalls[c,3]

[a]*USC Keck School of Medicine, Psychiatry, Street Address, Los Angeles, 90033*

[b]*USC, Department Name, Street Address, City, Postal Code*

[c]*National Institutes of Health, Department Name, Street Address, City, Postal Code*

Keywords: keyword1, keyword2, keyword3

Keywords: keyword1, keyword2, keyword3

Highlights: These are the highlights.

1. Abstract

1.1. Background

Deserunt voluptate cupidatat officia mollit magna irure nisi. Mollit adipisicing fugiat laboris sunt ex incididunt reprehenderit. Et velit anim est minim ad esse excepteur officia Lorem nulla cillum est. Tempor Lorem eu aliqua mollit et dolor.

1.2. Methods

Eu eu nostrud cillum duis aliquip ad do eu quis anim nostrud magna consectetur reprehenderit ad. Pariatur adipisicing commodo velit et ut incididunt deserunt in. Enim sint voluptate officia. Nostrud occaecat irure qui velit tempor irure veniam nostrud enim amet labore anim.

1.3. Results

Irure enim duis pariatur magna incididunt exercitation magna ad eiusmod aliqua do sint exercitation. Sint ea ex amet sunt sint fugiat proident aliqua duis exercitation excepteur sit dolor. Pariatur amet Lorem ex aliqua duis anim proident. Ad qui enim exercitation et qui nostrud velit ad deserunt dolore occaecat do.

1.4. Discussion

Sint ad ut tempor aliqua laborum eiusmod. Sint labore nulla cillum pariatur sit eiusmod adipisicing est ex ex irure incididunt amet et in. Tempor ut ut velit irure ipsum do. Dolore veniam eu sit elit laborum officia reprehenderit voluptate ut dolore.

---

[*]Corresponding author

Email addresses: `joey.trampush@med.usc.edu` (Joey W. Trampush), `tommy@usc.edu` (Tommy Trojan), `biggie@badboy.com` (Biggie Smalls)

[1]This is the first author footnote.

[2]Another author footnote, this is a very long footnote and it should be a really long footnote. But this footnote is not yet sufficiently long enough to make two lines of footnote text.

[3]Yet another author footnote.

2. Introduction

Here is a citation[1]. Exercitation laborum officia commodo mollit veniam duis. Velit mollit aliqua sunt velit. Dolor nisi anim velit. Proident proident ea minim cillum aute. Enim fugiat in nulla laboris aute eiusmod esse aliqua. Ullamco ullamco veniam tempor duis aliquip in tempor reprehenderit exercitation culpa minim aliqua aliqua. Reprehenderit esse in enim pariatur in et est eiusmod. Consectetur magna sint labore excepteur irure id Lorem quis aute aute incididunt. Ullamco in quis Lorem. Eu commodo pariatur culpa dolore laboris anim ipsum labore magna.

Id officia esse culpa culpa eu cupidatat pariatur nulla. Excepteur velit fugiat id eiusmod culpa do occaecat Lorem adipisicing amet fugiat id exercitation aliqua qui. Qui quis eiusmod velit. Mollit ut esse occaecat ut excepteur minim. Dolor dolore nulla aute cillum culpa ipsum esse culpa irure mollit ipsum excepteur. In culpa voluptate elit officia magna nostrud exercitation dolor sint quis proident occaecat ipsum. Non dolor Lorem proident non minim cillum commodo. Pariatur ullamco fugiat elit. Magna amet sit consectetur minim elit. Sit velit ea eu enim.

Commodo est nostrud ipsum. Sunt dolore eu tempor consectetur duis aliquip do adipisicing non adipisicing ad do laboris. Labore incididunt nisi et exercitation nisi veniam dolore sint ad ea Lorem exercitation quis. Pariatur dolor aliqua est ea minim cillum pariatur cupidatat dolor. Anim aliquip labore velit culpa ea. Voluptate cupidatat non dolor ullamco. Anim excepteur ipsum adipisicing ut ea velit amet duis id dolore eu. Non anim ea amet nisi veniam elit reprehenderit esse eu consectetur est reprehenderit. Lorem nisi qui id adipisicing consectetur fugiat nostrud ipsum tempor. Do sit voluptate qui culpa et pariatur veniam laborum cillum aliqua dolore cupidatat.

3. Methods

Sit cupidatat labore culpa est deserunt sunt. Ipsum cillum mollit officia occaecat velit voluptate ad esse reprehenderit eiusmod adipisicing occaecat. Commodo laboris qui in culpa qui do aliquip nostrud magna dolore. Ex anim est minim velit amet aute ullamco magna irure labore exercitation. Consectetur pariatur cillum excepteur ullamco officia enim nulla fugiat dolor ea ea dolor do ex.

3.1. Participants

Consectetur et in quis deserunt ipsum ea amet irure elit labore qui. Nulla fugiat nostrud dolor culpa est anim laboris laboris. Aute Lorem ullamco voluptate consectetur nulla officia laboris duis deserunt. Consectetur eu ullamco amet pariatur pariatur non amet labore. Deserunt excepteur sint aliqua ullamco et eu.

3.2. Measures

Fugiat proident amet sunt velit laborum velit. Enim id eu velit proident cillum adipisicing. Do excepteur dolor nostrud ut exercitation aliquip dolor anim dolore. Labore ea esse incididunt anim velit aliqua labore consequat magna reprehenderit nostrud consequat. Sint ut Lorem Lorem consectetur.

3.3. Analytical Strategy

Commodo quis pariatur eu Lorem veniam deserunt ut cupidatat aliquip labore cillum. Elit et proident fugiat do tempor minim ad adipisicing dolor magna esse labore eu consequat. Amet dolore cupidatat quis do anim deserunt aute anim aliquip qui cillum. Ea sint velit do velit dolore est sunt culpa irure anim. Enim ad ullamco ex sit.

4. Results

```
# Note the path that we need to use to access our data files when rendering this document
my_data <- read.csv(here::here('src/data/raw_data/my_csv_file.csv'))
```
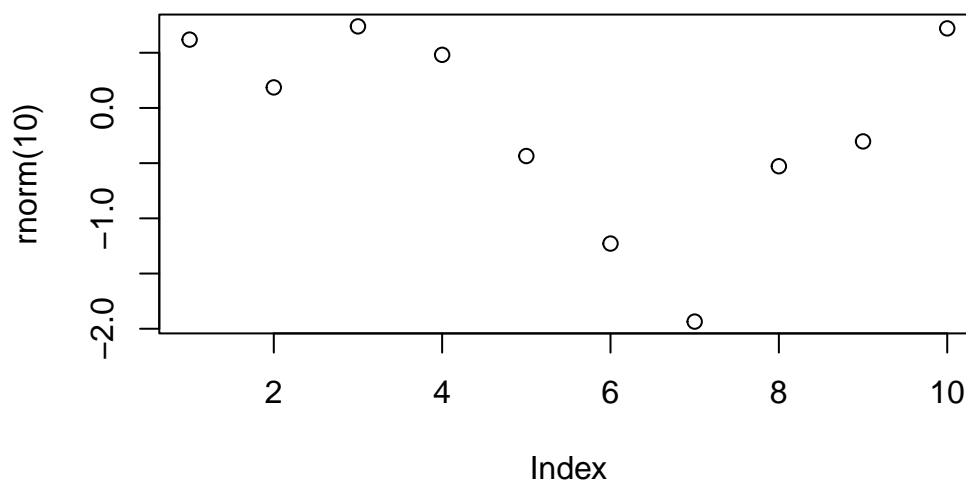
```
plot(rnorm(10))
```


Figure 1: A plot of random numbers

Figure Figure 1 shows how we can have a caption and cross-reference for a plot. Note that figure label and cross-references must both be prefixed with `fig-`

Here is an example of inline code 3.14 in the middle of a sentence.

Here is an example of inline code 3.14 in the middle of a sentence.

5. Discussion

In sunt id laborum eiusmod fugiat in. Laboris nisi consequat ad quis veniam voluptate consequat veniam do non nostrud. Et dolor incididunt voluptate magna qui est ut culpa aliquip labore fugiat cupidatat in pariatur. Labore non in deserunt est in laborum mollit in dolore laboris eiusmod sunt. Id non id culpa nisi esse aute nulla elit proident Lorem in sit reprehenderit. Cupidatat ut elit excepteur fugiat mollit magna eu reprehenderit ex ad. Laboris et voluptate anim proident duis nulla labore nisi proident anim. Culpa sit proident veniam. Et fugiat ex irure consectetur. Laboris do quis est dolor ex fugiat sit commodo reprehenderit ipsum exercitation excepteur excepteur pariatur enim.

5.1. Strengths

Ut labore consequat aliqua minim ullamco nisi. Et amet adipisicing nostrud reprehenderit. Irure commodo elit consequat ipsum velit. Voluptate sit exercitation pariatur veniam ullamco excepteur ad eu ipsum tempor.

Sint sunt anim quis do fugiat duis cupidatat enim ullamco laboris do tempor sunt esse adipisicing. Duis qui consequat duis est veniam adipisicing. Lorem magna ullamco veniam exercitation eiusmod esse anim aliqua proident cupidatat in. Quis ut est dolor laboris. Proident pariatur ad eu eiusmod. Proident enim laboris ullamco eiusmod.

5.2. Limitations

Dolor incididunt aliquip reprehenderit occaecat exercitation adipisicing enim ea. Sit cupidatat exercitation magna cupidatat. Lorem non dolor ut. Lorem amet esse reprehenderit reprehenderit. Fugiat anim cupidatat incididunt cupidatat ad tempor minim cillum consectetur excepteur enim et pariatur consectetur.

6. Acknowledgements

In adipisicing et ullamco ad. Proident cillum duis ea eiusmod do aliqua laboris labore. Cupidatat tempor ad ipsum eiusmod in voluptate minim pariatur nisi. Velit enim tempor ullamco labore. Non enim laboris ad nulla nisi ut aliquip ut tempor fugiat laboris proident cupidatat.

6.0.1. Colophon

This report was generated on 2023-01-18 12:26:20 using the following computational environment and dependencies:

```
# which R packages and versions?
if ("devtools" %in% installed.packages()) devtools::session_info()
```

```
- Session info --------------------------------------------------------------
 setting  value
 version  R version 4.2.2 Patched (2023-01-06 r83584)
 os       macOS Big Sur ... 10.16
 system   x86_64, darwin17.0
 ui       X11
 language (EN)
 collate  en_US.UTF-8
 ctype    en_US.UTF-8
 tz       America/Los_Angeles
 date     2023-01-18
 pandoc   2.19.2 @ /usr/local/bin/ (via rmarkdown)

- Packages ------------------------------------------------------------------
 ! package     * version    date (UTC) lib source
 P cachem        1.0.6.9000  2022-11-30 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P callr         3.7.3.9000  2022-12-24 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P cli           3.6.0.9000  2023-01-11 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P collapse    * 1.9.0       2023-01-15 [?] CRAN (R 4.2.0)
 P colorspace    2.1-0       2022-12-13 [?] https://r-forge.r-universe.dev (R 4.2.2)
 P crayon        1.5.2       2022-09-29 [?] CRAN (R 4.2.0)
 P data.table  * 1.14.6      2022-11-16 [?] CRAN (R 4.2.0)
 P devtools      2.4.5.9000  2022-10-11 [?] https://r-lib.r-universe.dev (R 4.2.1)
 P digest        0.6.31      2022-12-11 [?] CRAN (R 4.2.0)
 P dplyr       * 1.0.99.9000 2023-01-04 [?] repository (https://github.com/tidyverse/dplyr@dbda0c7)
 P ellipsis      0.3.2.9000  2022-12-11 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P evaluate      0.20.1      2023-01-17 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P fansi         1.0.3       2022-03-24 [?] CRAN (R 4.2.0)
 P fastmap       1.1.0.9000  2022-12-23 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P fastverse   * 0.3.0       2022-11-15 [?] CRAN (R 4.2.0)
 P forcats     * 0.5.2.9000  2023-01-10 [?] repository (https://github.com/tidyverse/forcats@bd319e0)
 P fs            1.5.2.9000  2022-12-21 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P generics      0.1.3.9000  2023-01-01 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P ggplot2     * 3.4.0.9000  2023-01-06 [?] https://tidyverse.r-universe.dev (R 4.2.2)
 P glue          1.6.2.9000  2022-12-18 [?] https://tidyverse.r-universe.dev (R 4.2.2)
 P gtable        0.3.1.9000  2022-12-24 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P hms           1.1.2.9002  2022-12-30 [?] https://tidyverse.r-universe.dev (R 4.2.2)
 P htmltools     0.5.4.9000  2023-01-03 [?] https://rstudio.r-universe.dev (R 4.2.2)
 P htmlwidgets   1.6.1       2023-01-07 [?] CRAN (R 4.2.0)
 P httpuv        1.6.8.9000  2023-01-12 [?] https://rstudio.r-universe.dev (R 4.2.2)
 P jsonlite      1.8.4       2022-12-06 [?] CRAN (R 4.2.0)
 P kit         * 0.0.12      2022-10-26 [?] CRAN (R 4.2.0)
 P knitr         1.41.9      2023-01-06 [?] https://yihui.r-universe.dev (R 4.2.2)
 P later         1.3.0.9000  2023-01-10 [?] https://r-lib.r-universe.dev (R 4.2.2)
```

```
 P lifecycle      1.0.3.9000   2023-01-05 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P lubridate    * 1.9.0.9000   2022-12-12 [?] https://ropensci.r-universe.dev (R 4.2.2)
 P magrittr     * 2.0.3.9000   2022-12-25 [?] https://tidyverse.r-universe.dev (R 4.2.2)
 P memoise       2.0.1.9000   2023-01-03 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P mime          0.12.1       2022-12-18 [?] https://yihui.r-universe.dev (R 4.2.2)
 P miniUI        0.1.1.1      2018-05-18 [?] CRAN (R 4.2.0)
 P munsell       0.5.0        2018-06-12 [?] CRAN (R 4.2.0)
 P pillar        1.8.1.9006   2023-01-01 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P pkgbuild      1.4.0.9000   2022-11-27 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P pkgconfig     2.0.3        2019-09-22 [?] CRAN (R 4.2.0)
 P pkgload       1.3.2.9000   2022-11-16 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P prettyunits   1.1.1.9000   2022-11-30 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P processx      3.8.0.9000   2022-12-18 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P profvis       0.3.7.9000   2022-04-27 [?] https://rstudio.r-universe.dev (R 4.2.0)
 P promises      1.2.0.9000   2022-04-28 [?] https://rstudio.r-universe.dev (R 4.2.0)
 P ps            1.7.2.9000   2022-12-26 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P purrr        * 1.0.1.9000   2023-01-10 [?] https://tidyverse.r-universe.dev (R 4.2.2)
 P R6            2.5.1.9000   2022-12-27 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P Rcpp          1.0.9        2022-07-08 [?] CRAN (R 4.2.0)
 P readr        * 2.1.3.9000   2022-12-11 [?] https://tidyverse.r-universe.dev (R 4.2.2)
 P remotes       2.4.2        2021-11-30 [?] CRAN (R 4.2.0)
   renv          0.16.0-53    2023-01-13 [1] https://rstudio.r-universe.dev (R 4.2.2)
 P rlang         1.0.6.9000   2022-12-17 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P rmarkdown     2.19.2       2022-12-22 [?] Github (rstudio/rmarkdown@8fabad0)
 P scales        1.2.1.9000   2023-01-01 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P sessioninfo   1.2.2.9000   2022-05-14 [?] https://r~
 P shiny         1.7.4.9001   2023-01-06 [?] https://rstudio.r-universe.dev (R 4.2.2)
 P stringi       1.7.12       2023-01-11 [?] CRAN (R 4.2.2)
 P stringr      * 1.5.0.9000   2022-12-07 [?] https://tidyverse.r-universe.dev (R 4.2.2)
 P tibble       * 3.1.8.9004   2022-12-30 [?] https://tidyverse.r-universe.dev (R 4.2.2)
 P tidyr        * 1.2.1.9001   2023-01-10 [?] repository (https://github.com/tidyverse/tidyr@9174795)
 P tidyselect    1.2.0.9000   2023-01-09 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P tidyverse    * 1.3.2.9000   2023-01-05 [?] repository (https://github.com/tidyverse/tidyverse@3be8283
 P timechange    0.2.0        2023-01-11 [?] CRAN (R 4.2.0)
 P tzdb          0.3.0.9000   2023-01-04 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P urlchecker    1.0.1.9000   2022-05-14 [?] https://r~
 P usethis       2.1.6.9000   2022-12-13 [?] Github (r-lib/usethis@a98a0e6)
 P utf8          1.2.2        2021-07-24 [?] CRAN (R 4.2.0)
 P vctrs         0.5.1.9000   2023-01-09 [?] Github (r-lib/vctrs@4c57418)
 P withr         2.5.0.9000   2022-12-26 [?] https://r-lib.r-universe.dev (R 4.2.2)
 P xfun          0.36.1       2023-01-12 [?] https://yihui.r-universe.dev (R 4.2.2)
 P xtable        1.8-6        2022-04-14 [?] https://r-forge.r-universe.dev (R 4.2.0)
 P yaml          2.3.6        2022-10-18 [?] CRAN (R 4.2.0)

 [1] /Users/joey/.renv/library/rrtools-8440cc86/R-4.2/x86_64-apple-darwin17.0
 [2] /Users/joey/dev/rrtools/renv/sandbox/R-4.2/x86_64-apple-darwin17.0/84ba8b13

 P -- Loaded and on-disk path mismatch.
```

The current Git commit details are:

```
# what commit is this file at?
if ("git2r" %in% installed.packages() & git2r::in_repository(path = ".")) git2r::repository(here::h
```

```
Local:    main /Users/joey/dev/rrtools
Remote:   main @ origin (https://github.com/brainworkup/rrtools.git)
Head:     [43345ac] 2023-01-18: updates
```

References

[1] B. Marwick, Computational reproducibility in archaeological research: Basic principles and a case study of their implementation, Journal of Archaeological Method and Theory 24 (2) (2017) 424–450. doi:10.1007/s10816-015-9272-9.
URL https://doi.org/10.1007/s10816-015-9272-9