

Stats Modeling Project

Group 5

10/20/2019

```
data(package="dslabs")
data("us_contagious_diseases")
data("polls_us_election_2016")
```

Introduction

Data was acquired through the R package `dslabs` (Irizarry and Gill 2019).

Session Info

```
sessionInfo()
```

```
## R version 3.6.1 (2019-07-05)
## Platform: x86_64-apple-darwin15.6.0 (64-bit)
## Running under: macOS High Sierra 10.13.6
##
## Matrix products: default
## BLAS: /Library/Frameworks/R.framework/Versions/3.6/Resources/lib/libRblas.0.dylib
## LAPACK: /Library/Frameworks/R.framework/Versions/3.6/Resources/lib/libRlapack.dylib
##
## locale:
## [1] en_US.UTF-8/en_US.UTF-8/en_US.UTF-8/C/en_US.UTF-8/en_US.UTF-8
##
## attached base packages:
## [1] stats      graphics  grDevices  utils      datasets  methods   base
##
## other attached packages:
## [1] dslabs_0.7.1    magrittr_1.5    forcats_0.4.0  stringr_1.4.0
## [5] dplyr_0.8.3     purrr_0.3.2     readr_1.3.1    tidyr_0.8.3
## [9] tibble_2.1.3    ggplot2_3.2.1   tidyverse_1.2.1
##
## loaded via a namespace (and not attached):
## [1] Rcpp_1.0.2      cellranger_1.1.0 pillar_1.4.2    compiler_3.6.1
## [5] tools_3.6.1     zeallot_0.1.0   digest_0.6.20  lubridate_1.7.4
## [9] jsonlite_1.6    evaluate_0.14   nlme_3.1-140    gtable_0.3.0
## [13] lattice_0.20-38 pkgconfig_2.0.2 rlang_0.4.0     cli_1.1.0
## [17] rstudioapi_0.10 yaml_2.2.0      haven_2.1.1     xfun_0.9
## [21] withr_2.1.2     xml2_1.2.2      http_1.4.1      knitr_1.24
## [25] vctrs_0.2.0     generics_0.0.2  hms_0.5.1       grid_3.6.1
## [29] tidyselect_0.2.5 glue_1.3.1      R6_2.4.0        readxl_1.3.1
## [33] rmarkdown_1.15  modelr_0.1.5    backports_1.1.4 scales_1.0.0
## [37] htmltools_0.4.0 rvest_0.3.4     assertthat_0.2.1 colorspace_1.4-1
## [41] stringi_1.4.3   lazyeval_0.2.2  munsell_0.5.0   broom_0.5.2
## [45] crayon_1.3.4
```

References

Irizarry, Rafael A., and Amy Gill. 2019. *Dslabs: Data Science Labs*.

R Core Team. 2019. *R: A Language and Environment for Statistical Computing*. Vienna, Austria: R Foundation for Statistical Computing. <https://www.R-project.org/>.