Session Info

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Session

```r
sessionInfo()
```

```
#> R version 4.3.0 (2023-04-21)
#> Platform: x86_64-pc-linux-gnu (64-bit)
#> Running under: Ubuntu 20.04.6 LTS
#>
#> Matrix products: default
#> BLAS:   /usr/lib/x86_64-linux-gnu/atlas/libblas.so.3.10.3
#> LAPACK: /usr/lib/x86_64-linux-gnu/atlas/liblapack.so.3.10.3;  LAPACK version 3.9.0
#>
#> locale:
#>  [1] LC_CTYPE=C.UTF-8       LC_NUMERIC=C           LC_TIME=C.UTF-8
#>  [4] LC_COLLATE=C.UTF-8     LC_MONETARY=C.UTF-8    LC_MESSAGES=C.UTF-8
#>  [7] LC_PAPER=C.UTF-8       LC_NAME=C              LC_ADDRESS=C
#> [10] LC_TELEPHONE=C         LC_MEASUREMENT=C.UTF-8 LC_IDENTIFICATION=C
#>
#> time zone: UTC
#> tzcode source: system (glibc)
#>
```

```
#> attached base packages:
#> [1] stats     graphics  grDevices utils     datasets  methods   base
#>
#> loaded via a namespace (and not attached):
#> [1] compiler_4.3.0     rprojroot_2.0.3     tools_4.3.0
#> [4] rProject_0.0.0.9000 highr_0.10          knitr_1.43
#> [7] xfun_0.39          evaluate_0.21
```

Packages

```r
unname(installed.packages()[, 1])
```

```
#>   [1] "askpass"          "assertthat"        "backports"
#>   [4] "base64enc"        "betaDelta"         "betaMC"
#>   [7] "betaNB"           "betaSandwich"      "bit"
#>  [10] "bit64"            "blob"              "brew"
#>  [13] "brio"             "broom"             "bslib"
#>  [16] "cachem"           "callr"             "cellranger"
#>  [19] "cffr"             "cli"               "clipr"
#>  [22] "colorspace"       "commonmark"        "conflicted"
#>  [25] "covr"             "cpp11"             "crayon"
#>  [28] "credentials"      "curl"              "cyclocomp"
#>  [31] "data.table"       "DBI"               "dbplyr"
#>  [34] "desc"             "devtools"          "diffobj"
#>  [37] "digest"           "distro"            "downlit"
#>  [40] "dplyr"            "dtplyr"            "dynamicalSystemsNotes"
#>  [43] "ellipsis"         "evaluate"          "fansi"
#>  [46] "farver"           "fastmap"           "fontawesome"
```

```
#>  [49] "forcats"         "foreach"         "fs"
#>  [52] "gargle"          "generics"        "gert"
#>  [55] "ggplot2"         "gh"              "gitcreds"
#>  [58] "glmnet"          "glue"            "googledrive"
#>  [61] "googlesheets4"   "gtable"          "haven"
#>  [64] "highr"           "hms"             "htmltools"
#>  [67] "htmlwidgets"     "httpuv"          "httr"
#>  [70] "httr2"           "ids"             "ini"
#>  [73] "isoband"         "iterators"       "jomo"
#>  [76] "jquerylib"       "jsonlite"        "jsonvalidate"
#>  [79] "knitr"           "labeling"        "later"
#>  [82] "lavaan"          "lazyeval"        "lifecycle"
#>  [85] "lintr"           "lme4"            "lubridate"
#>  [88] "magick"          "magrittr"        "memoise"
#>  [91] "mice"            "microbenchmark"  "mime"
#>  [94] "miniUI"          "minqa"           "mitml"
#>  [97] "mnormt"          "modelr"          "munsell"
#> [100] "nloptr"          "numDeriv"        "openssl"
#> [103] "ordinal"         "pan"             "parsedate"
#> [106] "pbivnorm"        "pdftools"        "pillar"
#> [109] "pkgbuild"        "pkgconfig"       "pkgdown"
#> [112] "pkgload"         "praise"          "prettyunits"
#> [115] "printr"          "processx"        "profvis"
#> [118] "progress"        "promises"        "ps"
#> [121] "purrr"           "qpdf"            "quadprog"
#> [124] "R.cache"         "R.methodsS3"     "R.oo"
#> [127] "R.utils"         "R6"              "ragg"
```

```
#> [130] "rappdirs"        "rcmdcheck"       "RColorBrewer"
#> [133] "Rcpp"            "RcppEigen"       "readr"
#> [136] "readxl"          "rematch"         "rematch2"
#> [139] "remotes"         "reprex"          "rex"
#> [142] "rhub"            "rlang"           "rmarkdown"
#> [145] "roxygen2"        "rProject"        "rprojroot"
#> [148] "rstudioapi"      "rversions"       "rvest"
#> [151] "sass"            "scales"          "selectr"
#> [154] "semmcci"         "sessioninfo"     "shape"
#> [157] "shiny"           "sourcetools"     "stringi"
#> [160] "stringr"         "styler"          "sys"
#> [163] "systemfonts"     "template"        "templateQuarto"
#> [166] "testthat"        "textshaping"     "tibble"
#> [169] "tidyr"           "tidyselect"      "tidyverse"
#> [172] "timechange"      "tinytex"         "tzdb"
#> [175] "ucminf"          "urlchecker"      "usethis"
#> [178] "utf8"            "uuid"            "V8"
#> [181] "vctrs"           "viridisLite"     "vroom"
#> [184] "waldo"           "whisker"         "whoami"
#> [187] "withr"           "xfun"            "xml2"
#> [190] "xmlparsedata"    "xopen"           "xtable"
#> [193] "yaml"            "zip"             "base"
#> [196] "boot"            "class"           "cluster"
#> [199] "codetools"       "compiler"        "datasets"
#> [202] "foreign"         "graphics"        "grDevices"
#> [205] "grid"            "KernSmooth"      "lattice"
#> [208] "MASS"            "Matrix"          "methods"
```

```
#> [211] "mgcv"              "nlme"              "nnet"
#> [214] "parallel"          "rpart"             "spatial"
#> [217] "splines"           "stats"             "stats4"
#> [220] "survival"          "tcltk"             "tools"
#> [223] "utils"
```

References

R Core Team. (2023). *R: A language and environment for statistical computing.* R Foundation for
Statistical Computing. Vienna, Austria. https://www.R-project.org/