Session Info

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Session

```r
sessionInfo()
```

```
#> R version 4.3.1 (2023-06-16)
#> 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_4.3.1     rprojroot_2.0.3     tools_4.3.1
#> [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] "Amelia"         "askpass"        "assertthat"     "backports"
#>  [5] "base64enc"      "betaDelta"      "betaMC"         "betaSandwich"
#>  [9] "bit"            "bit64"          "blob"           "brew"
#> [13] "brio"           "broom"          "bslib"          "cachem"
#> [17] "callr"          "cellranger"     "cffr"           "cli"
#> [21] "clipr"          "colorspace"     "commonmark"     "conflicted"
#> [25] "covr"           "cpp11"          "crayon"         "credentials"
#> [29] "curl"           "cyclocomp"      "data.table"     "DBI"
#> [33] "dbplyr"         "desc"           "devtools"       "diffobj"
#> [37] "digest"         "distro"         "downlit"        "dplyr"
#> [41] "dtplyr"         "ellipsis"       "evaluate"       "fansi"
#> [45] "farver"         "fastmap"        "fontawesome"    "forcats"
#> [49] "foreach"        "fs"             "gargle"         "generics"
#> [53] "gert"           "ggplot2"        "gh"             "gitcreds"
#> [57] "glmnet"         "glue"           "googledrive"    "googlesheets4"
#> [61] "gtable"         "haven"          "highr"          "hms"
```

```
#>  [65] "htmltools"     "htmlwidgets"   "httpuv"          "httr"
#>  [69] "httr2"         "ids"           "ini"             "isoband"
#>  [73] "iterators"     "jomo"          "jquerylib"       "jsonlite"
#>  [77] "jsonvalidate"  "knitr"         "labeling"        "later"
#>  [81] "lavaan"        "lazyeval"      "lifecycle"       "lintr"
#>  [85] "lme4"          "lubridate"     "magick"          "magrittr"
#>  [89] "memoise"       "mice"          "microbenchmark"  "mime"
#>  [93] "miniUI"        "minqa"         "mitml"           "mnormt"
#>  [97] "modelr"        "munsell"       "nloptr"          "numDeriv"
#> [101] "openssl"       "ordinal"       "pan"             "parsedate"
#> [105] "pbivnorm"      "pdftools"      "pillar"          "pkgbuild"
#> [109] "pkgconfig"     "pkgdown"       "pkgload"         "praise"
#> [113] "prettyunits"   "printr"        "processx"        "profvis"
#> [117] "progress"      "promises"      "ps"              "purrr"
#> [121] "qpdf"          "quadprog"      "R.cache"         "R.methodsS3"
#> [125] "R.oo"          "R.utils"       "R6"              "ragg"
#> [129] "rappdirs"      "rcmdcheck"     "RColorBrewer"    "Rcpp"
#> [133] "RcppArmadillo" "RcppEigen"     "readr"           "readxl"
#> [137] "rematch"       "rematch2"      "remotes"         "reprex"
#> [141] "rex"           "rhub"          "rlang"           "rmarkdown"
#> [145] "roxygen2"      "rProject"      "rprojroot"       "rstudioapi"
#> [149] "rversions"     "rvest"         "sass"            "scales"
#> [153] "selectr"       "semmcci"       "sessioninfo"     "shape"
#> [157] "shiny"         "sourcetools"   "stringi"         "stringr"
#> [161] "styler"        "sys"           "systemfonts"     "testthat"
#> [165] "textshaping"   "tibble"        "tidyr"           "tidyselect"
#> [169] "tidyverse"     "timechange"    "tinytex"         "tzdb"
```

```
#> [173] "ucminf"        "urlchecker"    "usethis"       "utf8"
#> [177] "uuid"          "V8"            "vctrs"         "viridisLite"
#> [181] "vroom"         "waldo"         "whisker"       "whoami"
#> [185] "withr"         "xfun"          "xml2"          "xmlparsedata"
#> [189] "xopen"         "xtable"        "yaml"          "zip"
#> [193] "base"          "boot"          "class"         "cluster"
#> [197] "codetools"     "compiler"      "datasets"      "foreign"
#> [201] "graphics"      "grDevices"     "grid"          "KernSmooth"
#> [205] "lattice"       "MASS"          "Matrix"        "methods"
#> [209] "mgcv"          "nlme"          "nnet"          "parallel"
#> [213] "rpart"         "spatial"       "splines"       "stats"
#> [217] "stats4"        "survival"      "tcltk"         "tools"
#> [221] "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/