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 20.04.5 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_1.42
#> [7] xfun_0.39           evaluate_0.20
```

Packages

```
unname(installed.packages()[, 1])
#>  [1] "askpass"      "assertthat"   "backports"      "base64enc"
#>  [5] "betaSandwich" "bit"          "bit64"          "blob"
#>  [9] "brew"         "brio"         "broom"          "bslib"
#> [13] "cachem"       "callr"        "cellranger"     "cffr"
#> [17] "cli"          "clipr"        "colorspace"     "commonmark"
#> [21] "conflicted"   "covr"         "cpp11"          "crayon"
#> [25] "credentials"  "curl"         "cyclocomp"      "data.table"
#> [29] "DBI"          "dbplyr"       "desc"           "devtools"
#> [33] "diffobj"      "digest"       "distro"         "downlit"
#> [37] "dplyr"        "dtplyr"       "ellipsis"       "evaluate"
#> [41] "fansi"        "farver"       "fastmap"        "fontawesome"
#> [45] "forcats"      "fs"           "gargle"         "generics"
#> [49] "gert"         "ggplot2"      "gh"             "gitcreds"
#> [53] "glue"         "googledrive"  "googlesheets4"  "gtable"
#> [57] "haven"        "highr"        "hms"            "htmltools"
#> [61] "htmlwidgets"  "httpuv"       "httr"           "httr2"
```

```
#>  [65] "ids"          "ini"             "isoband"      "jquerylib"
#>  [69] "jsonlite"      "jsonvalidate"    "knitr"        "labeling"
#>  [73] "later"         "lavaan"          "lazyeval"     "lifecycle"
#>  [77] "lintr"         "lubridate"       "magick"       "magrittr"
#>  [81] "memoise"       "microbenchmark"  "mime"         "miniUI"
#>  [85] "mnormt"        "modelr"          "munsell"      "numDeriv"
#>  [89] "openssl"       "parsedate"       "pbivnorm"     "pdftools"
#>  [93] "pillar"        "pkgbuild"        "pkgconfig"    "pkgdown"
#>  [97] "pkgload"       "praise"          "prettyunits"  "processx"
#> [101] "profvis"       "progress"        "promises"     "ps"
#> [105] "purrr"         "qpdf"            "quadprog"     "R.cache"
#> [109] "R.methodsS3"   "R.oo"            "R.utils"      "R6"
#> [113] "ragg"          "rappdirs"        "rcmdcheck"    "RColorBrewer"
#> [117] "Rcpp"          "readr"           "readxl"       "rematch"
#> [121] "rematch2"      "remotes"         "reprex"       "rex"
#> [125] "rhub"          "rlang"           "rmarkdown"    "roxygen2"
#> [129] "rProject"      "rprojroot"       "rstudioapi"   "rversions"
#> [133] "rvest"         "sass"            "scales"       "selectr"
#> [137] "sessioninfo"   "shiny"           "sourcetools"  "stringi"
#> [141] "stringr"       "styler"          "sys"          "systemfonts"
#> [145] "testthat"      "textshaping"     "tibble"       "tidyr"
#> [149] "tidyselect"    "tidyverse"       "timechange"   "tinytex"
#> [153] "tzdb"          "urlchecker"      "usethis"      "utf8"
#> [157] "uuid"          "V8"              "vctrs"        "viridisLite"
#> [161] "vroom"         "waldo"           "whisker"      "whoami"
#> [165] "withr"         "xfun"            "xml2"         "xmlparsedata"
#> [169] "xopen"         "xtable"          "yaml"         "zip"
```

```
#> [173] "base"         "boot"         "class"        "cluster"
#> [177] "codetools"     "compiler"     "datasets"     "foreign"
#> [181] "graphics"      "grDevices"    "grid"         "KernSmooth"
#> [185] "lattice"       "MASS"         "Matrix"       "methods"
#> [189] "mgcv"          "nlme"         "nnet"         "parallel"
#> [193] "rpart"         "spatial"      "splines"      "stats"
#> [197] "stats4"        "survival"     "tcltk"        "tools"
#> [201] "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/