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

Packages

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

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

```
#>  [65] "httr2"          "ids"           "ini"           "isoband"
#>  [69] "jquerylib"      "jsonlite"      "jsonvalidate"  "knitr"
#>  [73] "labeling"       "later"         "lavaan"        "lazyeval"
#>  [77] "lifecycle"      "lintr"         "lubridate"     "magick"
#>  [81] "magrittr"       "memoise"       "microbenchmark" "mime"
#>  [85] "miniUI"         "mnormt"        "modelr"        "munsell"
#>  [89] "numDeriv"       "openssl"       "parsedate"     "pbivnorm"
#>  [93] "pdftools"       "pillar"        "pkgbuild"      "pkgconfig"
#>  [97] "pkgdown"        "pkgload"       "praise"        "prettyunits"
#> [101] "processx"       "profvis"       "progress"      "promises"
#> [105] "ps"             "purrr"         "qpdf"          "quadprog"
#> [109] "R.cache"        "R.methodsS3"   "R.oo"          "R.utils"
#> [113] "R6"             "ragg"          "rappdirs"      "rcmdcheck"
#> [117] "RColorBrewer"   "Rcpp"          "readr"         "readxl"
#> [121] "rematch"        "rematch2"      "remotes"       "reprex"
#> [125] "rex"            "rhub"          "rlang"         "rmarkdown"
#> [129] "roxygen2"       "rProject"      "rprojroot"     "rstudioapi"
#> [133] "rversions"      "rvest"         "sass"          "scales"
#> [137] "selectr"        "sessioninfo"   "shiny"         "sourcetools"
#> [141] "stringi"        "stringr"       "styler"        "sys"
#> [145] "systemfonts"    "template"      "testthat"      "textshaping"
#> [149] "tibble"         "tidyr"         "tidyselect"    "tidyverse"
#> [153] "timechange"     "tinytex"       "tzdb"          "urlchecker"
#> [157] "usethis"        "utf8"          "uuid"          "V8"
#> [161] "vctrs"          "viridisLite"   "vroom"         "waldo"
#> [165] "whisker"        "whoami"        "withr"         "xfun"
#> [169] "xml2"           "xmlparsedata"  "xopen"         "xtable"
```

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