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

```
#> [173] "compiler"    "datasets"    "foreign"      "graphics"
#> [177] "grDevices"   "grid"        "KernSmooth"   "lattice"
#> [181] "MASS"        "Matrix"      "methods"      "mgcv"
#> [185] "nlme"        "nnet"        "parallel"     "rpart"
#> [189] "spatial"     "splines"     "stats"        "stats4"
#> [193] "survival"    "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/