Session Info

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Session

```r
sessionInfo()
```

```
#> R version 4.2.3 (2023-03-15)
#> 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
#>
#> 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
#>
#> attached base packages:
#> [1] stats     graphics  grDevices utils     datasets  methods   base
#>
```

```
#> loaded via a namespace (and not attached):
#> [1] compiler_4.2.3      rprojroot_2.0.3     tools_4.2.3
#> [4] rProject_0.0.0.9000 highr_0.10          knitr_1.42
#> [7] xfun_0.38           evaluate_0.20
```

Packages

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

#>   [1] "askpass"        "assertthat"     "backports"      "base64enc"
#>   [5] "betaNB"         "bit"            "bit64"          "blob"
#>   [9] "brew"           "brio"           "broom"          "bslib"
#>  [13] "cachem"         "callr"          "cellranger"     "cli"
#>  [17] "clipr"          "colorspace"     "commonmark"     "conflicted"
#>  [21] "covr"           "cpp11"          "crayon"         "credentials"
#>  [25] "curl"           "cyclocomp"      "data.table"     "DBI"
#>  [29] "dbplyr"         "desc"           "devtools"       "diffobj"
#>  [33] "digest"         "distro"         "downlit"        "dplyr"
#>  [37] "dtplyr"         "ellipsis"       "evaluate"       "fansi"
#>  [41] "farver"         "fastmap"        "fontawesome"    "forcats"
#>  [45] "fs"             "gargle"         "generics"       "gert"
#>  [49] "ggplot2"        "gh"             "gitcreds"       "glue"
#>  [53] "googledrive"    "googlesheets4"  "gtable"         "haven"
#>  [57] "highr"          "hms"            "htmltools"      "htmlwidgets"
#>  [61] "httpuv"         "httr"           "httr2"          "ids"
#>  [65] "ini"            "isoband"        "jquerylib"      "jsonlite"
#>  [69] "knitr"          "labeling"       "later"          "lazyeval"
```

```
#>  [73] "lifecycle"    "lintr"        "lubridate"    "magick"
#>  [77] "magrittr"     "memoise"      "microbenchmark" "mime"
#>  [81] "miniUI"       "modelr"       "munsell"      "openssl"
#>  [85] "parsedate"    "pdftools"     "pillar"       "pkgbuild"
#>  [89] "pkgconfig"    "pkgdown"      "pkgload"      "praise"
#>  [93] "prettyunits"  "processx"     "profvis"      "progress"
#>  [97] "promises"     "ps"           "purrr"        "qpdf"
#> [101] "R.cache"      "R.methodsS3"  "R.oo"         "R.utils"
#> [105] "R6"           "ragg"         "rappdirs"     "rcmdcheck"
#> [109] "RColorBrewer" "Rcpp"         "readr"        "readxl"
#> [113] "rematch"      "rematch2"     "remotes"      "reprex"
#> [117] "rex"          "rhub"         "rlang"        "rmarkdown"
#> [121] "roxygen2"     "rProject"     "rprojroot"    "rstudioapi"
#> [125] "rversions"    "rvest"        "sass"         "scales"
#> [129] "selectr"      "sessioninfo"  "shiny"        "sourcetools"
#> [133] "stringi"      "stringr"      "styler"       "sys"
#> [137] "systemfonts"  "testthat"     "textshaping"  "tibble"
#> [141] "tidyr"        "tidyselect"   "tidyverse"    "timechange"
#> [145] "tinytex"      "tzdb"         "urlchecker"   "usethis"
#> [149] "utf8"         "uuid"         "vctrs"        "viridisLite"
#> [153] "vroom"        "waldo"        "whisker"      "whoami"
#> [157] "withr"        "xfun"         "xml2"         "xmlparsedata"
#> [161] "xopen"        "xtable"       "yaml"         "zip"
#> [165] "base"         "boot"         "class"        "cluster"
#> [169] "codetools"    "compiler"     "datasets"     "foreign"
#> [173] "graphics"     "grDevices"    "grid"         "KernSmooth"
#> [177] "lattice"      "MASS"         "Matrix"       "methods"
```

```
#> [181] "mgcv"         "nlme"        "nnet"        "parallel"
#> [185] "rpart"        "spatial"     "splines"     "stats"
#> [189] "stats4"       "survival"    "tcltk"       "tools"
#> [193] "utils"
```

References

R Core Team. (2022). *R: A language and environment for statistical computing.* R Foundation for
Statistical Computing. Vienna, Austria. https://www.R-project.org/