

# Session Info

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## Session

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sessionInfo()

#> R version 4.2.2 (2022-10-31)
#> 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
#>
```

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#> loaded via a namespace (and not attached):
#> [1] compiler_4.2.2      rprojroot_2.0.3      tools_4.2.2
#> [4] rProject_0.0.0.9000 highr_0.10            knitr_1.42
#> [7] xfun_0.37           evaluate_0.20
```

## Packages

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

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

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#> [73] "lintr"          "lubridate"      "magick"         "magrittr"
#> [77] "memoise"        "microbenchmark" "mime"           "miniUI"
#> [81] "mnormt"         "modelr"         "munsell"        "numDeriv"
#> [85] "openssl"        "parsedate"      "pbivnorm"       "pdftools"
#> [89] "pillar"         "pkgbuild"       "pkgconfig"      "pkgdown"
#> [93] "pkgload"        "praise"         "prettyunits"    "processx"
#> [97] "profvis"        "progress"       "promises"       "ps"
#> [101] "purrr"          "qpdf"           "quadprog"       "R.cache"
#> [105] "R.methodsS3"    "R.oo"           "R.utils"         "R6"
#> [109] "ragg"           "rappdirs"       "rcmdcheck"       "RColorBrewer"
#> [113] "Rcpp"           "readr"          "readxl"          "rematch"
#> [117] "rematch2"       "remotes"        "reprex"          "rex"
#> [121] "rhub"           "rlang"          "rmarkdown"       "roxygen2"
#> [125] "rProject"       "rprojroot"      "rstudioapi"      "rversions"
#> [129] "rvest"          "sass"           "scales"          "selectr"
#> [133] "sessioninfo"    "shiny"          "sourcetools"     "stringi"
#> [137] "stringr"        "styler"         "sys"             "systemfonts"
#> [141] "testthat"       "textshaping"    "tibble"          "tidyr"
#> [145] "tidyselect"     "tidyverse"      "timechange"       "tinytex"
#> [149] "tzdb"           "urlchecker"     "usethis"         "utf8"
#> [153] "uuid"           "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"

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#> [181] "MASS"          "Matrix"        "methods"       "mgcv"
#> [185] "nlme"          "nnet"          "parallel"      "rpart"
#> [189] "spatial"       "splines"       "stats"         "stats4"
#> [193] "survival"      "tcltk"         "tools"         "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/>