

# Session Info

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## Session

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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)
#>
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#> 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_1.43
#> [7] xfun_0.39           evaluate_0.21
```

## Packages

```
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] "cfr"          "cli"           "clipr"         "colorspace"
#>  [21] "commonmark"   "conflicted"    "covr"          "cpp11"
#>  [25] "crayon"       "credentials"   "curl"          "cyclocomp"
#>  [29] "data.table"   "DBI"           "dbplyr"        "desc"
#>  [33] "devtools"     "diffobj"       "digest"        "distribro"
#>  [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"
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#> [65] "httr2"      "ids"      "ini"      "isoband"
#> [69] "jquerylib"  "jsonlite" "jsonvalidate" "knitr"
#> [73] "labeling"   "later"    "lavaan"    "lazyeval"
#> [77] "lifecycle"  "lintr"    "lubridate" "magick"
#> [81] "magrittr"   "memoise"  "mice"      "microbenchmark"
#> [85] "mime"       "miniUI"   "mnormt"    "modelr"
#> [89] "munsell"    "numDeriv" "openssl"   "parsedate"
#> [93] "pbivnorm"   "pdftools" "pillar"    "pkgbuild"
#> [97] "pkgconfig"  "pkgdown"  "pkgload"   "praise"
#> [101] "prettyunits" "processx" "profvis"   "progress"
#> [105] "promises"   "ps"       "purrr"     "qpdf"
#> [109] "quadprog"   "R.cache"  "R.methodsS3" "R.oo"
#> [113] "R.utils"    "R6"       "ragg"      "rappdirs"
#> [117] "rcmdcheck"  "RColorBrewer" "Rcpp"      "readr"
#> [121] "readxl"     "rematch"   "rematch2"  "remotes"
#> [125] "reprex"     "rex"       "rhub"      "rlang"
#> [129] "rmarkdown"  "roxygen2"  "rProject"  "rprojroot"
#> [133] "rstudioapi" "rversions" "rvest"     "sass"
#> [137] "scales"     "selectr"   "sessioninfo" "shiny"
#> [141] "sourcetools" "stringi"   "stringr"   "styler"
#> [145] "sys"        "systemfonts" "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"

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#> [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/>