

# 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 20.04.5 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; 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

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

#>   [1] "askpass"      "assertthat"    "backports"     "base64enc"
#>   [5] "betaMC"       "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"
```

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

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