

# 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)
#>
```

```
#> 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] "abind"           "Amelia"           "arm"               "askpass"
#>   [5] "assertthat"      "backports"        "base64enc"         "betaDelta"
#>   [9] "betaSandwich"    "bit"              "bit64"             "blob"
#>  [13] "bmemLavaan"      "brew"             "brio"              "broom"
#>  [17] "bslib"           "cachem"           "callr"             "cellranger"
#>  [21] "cfr"            "cli"              "clipr"             "coda"
#>  [25] "colorspace"      "commonmark"       "conflicted"        "covr"
#>  [29] "cpp11"           "crayon"           "credentials"       "curl"
#>  [33] "cyclocomp"       "data.table"       "DBI"               "dbplyr"
#>  [37] "desc"           "devtools"         "diffobj"           "digest"
#>  [41] "distr"          "downlit"          "dplyr"             "dtplyr"
#>  [45] "ellipsis"        "evaluate"         "fans"             "farver"
#>  [49] "fastmap"         "fontawesome"      "forcats"           "fs"
#>  [53] "gargle"          "generics"         "gert"              "ggplot2"
#>  [57] "gh"             "gitcreds"         "glue"              "googledrive"
#>  [61] "googlesheets4"  "gtable"           "haven"             "highr"
```

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#> [65] "hms" "htmltools" "htmlwidgets" "httpuv"
#> [69] "httr" "httr2" "ids" "ini"
#> [73] "isoband" "jquerylib" "jsonlite" "jsonvalidate"
#> [77] "knitr" "labeling" "later" "lavaan"
#> [81] "lazyeval" "lifecycle" "lintr" "lme4"
#> [85] "lubridate" "magick" "magrittr" "manBetaCIWald"
#> [89] "memoise" "mi" "mice" "microbenchmark"
#> [93] "mime" "miniUI" "minqa" "mnormt"
#> [97] "modelr" "munsell" "nloptr" "numDeriv"
#> [101] "openssl" "parsedate" "pbivnorm" "pdftools"
#> [105] "pillar" "pkgbuild" "pkgconfig" "pkgdown"
#> [109] "pkgload" "praise" "prettyunits" "processx"
#> [113] "profvis" "progress" "promises" "ps"
#> [117] "psych" "purrr" "qpdf" "quadprog"
#> [121] "R.cache" "R.methodsS3" "R.oo" "R.utils"
#> [125] "R6" "ragg" "rappdirs" "rcmdcheck"
#> [129] "RColorBrewer" "Rcpp" "RcppArmadillo" "RcppEigen"
#> [133] "readr" "readxl" "rematch" "rematch2"
#> [137] "remotes" "reprex" "rex" "rhub"
#> [141] "rlang" "rmarkdown" "roxygen2" "rProject"
#> [145] "rprojroot" "rsem" "rstudioapi" "rversions"
#> [149] "rvest" "sass" "scales" "selectr"
#> [153] "sem" "semmccci" "sessioninfo" "shiny"
#> [157] "snow" "snowfall" "sourcetools" "stringi"
#> [161] "stringr" "styler" "sys" "systemfonts"
#> [165] "testthat" "textshaping" "tibble" "tidyr"
#> [169] "tidyselect" "tidyverse" "timechange" "tinytex"

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#> [173] "tzdb"          "urlchecker"    "usethis"       "utf8"
#> [177] "uuid"          "V8"            "vctrs"         "viridisLite"
#> [181] "vroom"         "waldo"         "whisker"       "whoami"
#> [185] "withr"         "xfun"          "xml2"          "xmlparsedata"
#> [189] "xopen"         "xtable"        "yaml"          "zip"
#> [193] "base"          "boot"          "class"         "cluster"
#> [197] "codetools"     "compiler"      "datasets"      "foreign"
#> [201] "graphics"     "grDevices"     "grid"          "KernSmooth"
#> [205] "lattice"       "MASS"          "Matrix"        "methods"
#> [209] "mgcv"          "nlme"          "nnet"          "parallel"
#> [213] "rpart"         "spatial"       "splines"       "stats"
#> [217] "stats4"        "survival"      "tcltk"         "tools"
#> [221] "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/>