

# Session Info

Ivan Jacob Agaloos Pesigan

## Session

```
sessionInfo()
```

```
#> R version 4.5.2 (2025-10-31)
#> Platform: x86_64-pc-linux-gnu
#> Running under: Ubuntu 24.04.3 LTS
#>
#> Matrix products: default
#> BLAS: /usr/lib/x86_64-linux-gnu/openblas-pthread/libblas.so.3
#> LAPACK: /usr/lib/x86_64-linux-gnu/openblas-pthread/libopenblas-p-r0.3.26.so; LAPACK version 3.12.0
#>
#> locale:
#>  [1] LC_CTYPE=en_US.UTF-8      LC_NUMERIC=C
#>  [3] LC_TIME=en_US.UTF-8      LC_COLLATE=en_US.UTF-8
#>  [5] LC_MONETARY=en_US.UTF-8  LC_MESSAGES=en_US.UTF-8
#>  [7] LC_PAPER=en_US.UTF-8     LC_NAME=C
#>  [9] LC_ADDRESS=C             LC_TELEPHONE=C
#> [11] LC_MEASUREMENT=en_US.UTF-8 LC_IDENTIFICATION=C
#>
#> time zone: Etc/UTC
#> tzcode source: system (glibc)
#>
#> attached base packages:
#> [1] stats      graphics  grDevices  utils      datasets  methods   base
#>
#> other attached packages:
#> [1] rProject_0.0.23
#>
#> loaded via a namespace (and not attached):
#>  [1] backports_1.5.0  R6_2.6.1         lubridate_1.9.4  xfun_0.55
#>  [5] magrittr_2.0.4   glue_1.8.0       stringr_1.6.0    knitr_1.51
#>  [9] timechange_0.3.0 generics_0.1.4    lifecycle_1.0.5  xml2_1.5.2
#> [13] cli_3.6.5.9000   bibtex_0.5.1     compiler_4.5.2   plyr_1.8.9
#> [17] highr_0.11       rprojroot_2.1.1  httr_1.4.7       tools_4.5.2
#> [21] evaluate_1.0.5   Rcpp_1.1.1       RefManageR_1.4.0 otel_0.2.0
```

```
#> [25] rlang_1.1.7      jsonlite_2.0.0    stringi_1.8.7
```

## Packages

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

```
#> [1] "cfr"      "devtools"  "fitDTVARmID"
#> [4] "gert"     "rappdirs"  "rProject"
#> [7] "rstudioapi" "testthat"  "tibble"
#> [10] "tinytex"  "vctrs"     "xml2"
#> [13] "abind"     "Amelia"    "arm"
#> [16] "arrow"     "ash"       "AsioHeaders"
#> [19] "askpass"   "assertthat" "backports"
#> [22] "base64enc" "betaDelta" "betaMC"
#> [25] "betaNB"    "betaSandwich" "BH"
#> [28] "bibtex"    "BiocManager" "BiocVersion"
#> [31] "bit"       "bit64"     "bitops"
#> [34] "blob"      "bootStateSpace" "brew"
#> [37] "brio"      "broom"     "bslib"
#> [40] "cachem"    "callr"     "car"
#> [43] "caracas"   "carData"    "cellranger"
#> [46] "cfr"       "checkmate"  "cli"
#> [49] "clipr"     "clock"      "clusterGeneration"
#> [52] "coda"      "cOde"       "collections"
#> [55] "colorspace" "commonmark" "conflicted"
#> [58] "corpcor"   "covr"       "cowplot"
#> [61] "cpp11"     "crayon"     "credentials"
#> [64] "crosstalk" "cTMed"      "ctsem"
#> [67] "curl"      "data.table" "DBI"
#> [70] "dbplyr"    "Deriv"      "desc"
#> [73] "deSolve"   "devtools"   "diagram"
#> [76] "dials"     "DiceDesign" "diffobj"
#> [79] "digest"    "distributional" "distro"
#> [82] "doBy"      "docopt"     "downlit"
#> [85] "dplyr"     "DT"         "dtplyr"
#> [88] "duckdb"    "dynr"       "dynUtils"
#> [91] "ellipse"   "ellipsis"   "evaluate"
#> [94] "expm"      "fans"       "farver"
#> [97] "fastDummies" "fastmap"    "fclust"
#> [100] "fda"       "fdrtool"    "fds"
#> [103] "fitDTVARmID" "FNN"        "fontawesome"
#> [106] "forcats"   "foreach"    "forecast"
#> [109] "Formula"   "fracdiff"   "fs"
```

```

#> [112] "fst" "fstcore" "furrr"
#> [115] "future" "future.apply" "gargle"
#> [118] "generics" "gert" "ggplot2"
#> [121] "ggrepel" "gh" "gitcreds"
#> [124] "glasso" "glmnet" "globals"
#> [127] "glue" "googledrive" "googlesheets4"
#> [130] "gower" "GPArotation" "GPfit"
#> [133] "graphicalVAR" "gridExtra" "gsubfn"
#> [136] "gtable" "gtools" "hardhat"
#> [139] "haven" "hdcrcde" "here"
#> [142] "highr" "Hmisc" "hms"
#> [145] "htmlTable" "htmltools" "htmlwidgets"
#> [148] "httpgd" "httpuv" "httr"
#> [151] "httr2" "ids" "ifftools"
#> [154] "igraph" "infer" "ini"
#> [157] "inline" "ipred" "isoband"
#> [160] "iterators" "jomo" "jpeg"
#> [163] "jquerylib" "jsonlite" "jsonvalidate"
#> [166] "kernlab" "knitr" "ks"
#> [169] "labeling" "Lahman" "languageserver"
#> [172] "later" "latex2exp" "lava"
#> [175] "lavaan" "lazyeval" "lhs"
#> [178] "lifecycle" "lintr" "listenv"
#> [181] "litedown" "littler" "lme4"
#> [184] "lmtest" "locfit" "longMI"
#> [187] "loo" "lubridate" "magick"
#> [190] "magrittr" "markdown" "MatrixModels"
#> [193] "matrixStats" "mclust" "memoise"
#> [196] "metaSEM" "metaVAR" "mice"
#> [199] "microbenchmark" "mime" "miniUI"
#> [202] "minqa" "mitml" "mize"
#> [205] "mlVAR" "mnormt" "modeldata"
#> [208] "modelenv" "modelr" "MplusAutomation"
#> [211] "multicool" "mvtnorm" "nloptr"
#> [214] "numDeriv" "nycflights13" "OpenMx"
#> [217] "openssl" "ordinal" "otel"
#> [220] "pan" "pander" "parallelly"
#> [223] "parsnip" "patchwork" "pbapply"
#> [226] "pbivnorm" "pbkrtest" "pcaPP"
#> [229] "pdftools" "pillar" "pkgbuild"
#> [232] "pkgconfig" "pkgdown" "pkgload"
#> [235] "plogr" "plyr" "png"
#> [238] "posterior" "pracma" "praise"
#> [241] "prettyunits" "printr" "processx"
#> [244] "proclim" "profvis" "progress"

```

```

#> [247] "progressr"      "promises"      "proto"
#> [250] "ps"             "psych"         "purrr"
#> [253] "qgraph"        "qpdf"         "quadprog"
#> [256] "quantmod"      "quantreg"     "quarto"
#> [259] "QuickJSR"      "R.cache"      "R.methodsS3"
#> [262] "R.oo"          "R.utils"      "R2jags"
#> [265] "R2WinBUGS"     "R6"           "ragg"
#> [268] "rainbow"       "rappdirs"     "rbibutils"
#> [271] "rcmdcheck"     "RColorBrewer" "Rcpp"
#> [274] "RcppArmadillo" "RcppEigen"    "RcppGSL"
#> [277] "RcppParallel"  "RcppTOML"     "RCurl"
#> [280] "Rdpack"        "readr"        "readxl"
#> [283] "recipes"      "RefManageR"   "reformulas"
#> [286] "rematch"       "rematch2"     "remotes"
#> [289] "reprex"       "reshape2"     "reticulate"
#> [292] "rex"          "rhdf5"        "rhdf5filters"
#> [295] "Rhdf5lib"     "rhub"         "rjags"
#> [298] "rlang"        "RMariaDB"     "rmarkdown"
#> [301] "roxygen2"     "rpf"          "RPostgres"
#> [304] "rProject"     "rprojroot"    "rsample"
#> [307] "RSQLite"      "rstan"        "rstantools"
#> [310] "rstudioapi"   "rversions"    "rvest"
#> [313] "Ryacas"       "S7"           "sass"
#> [316] "scales"       "selectr"      "semlbci"
#> [319] "semmcci"     "sessioninfo"  "sfd"
#> [322] "shape"       "shiny"        "simStateSpace"
#> [325] "slider"      "snow"         "snowfall"
#> [328] "sourcetools"  "SparseM"      "sparsevctrs"
#> [331] "SQUAREM"     "StanHeaders"  "stringi"
#> [334] "stringr"     "styler"       "symSEM"
#> [337] "sys"         "systemfonts"  "tailor"
#> [340] "tensorA"     "testthat"     "texreg"
#> [343] "textshaping" "tibble"       "tidymodels"
#> [346] "tidyr"       "tidyselect"   "tidyverse"
#> [349] "timechange"  "timeDate"     "tinytex"
#> [352] "tseries"    "TTR"          "tune"
#> [355] "tzdb"       "ucminf"       "unigd"
#> [358] "urca"       "urlchecker"   "usethis"
#> [361] "utf8"       "uuid"         "V8"
#> [364] "vctrs"      "viridisLite"  "vroom"
#> [367] "waldo"      "warp"         "whisker"
#> [370] "whoami"     "withr"        "workflows"
#> [373] "workflowsets" "xfun"        "xml2"
#> [376] "xmlparsedata" "xopen"       "xtable"
#> [379] "xts"        "yaml"         "yardstick"

```

```

#> [382] "zip"           "zoo"           "base"
#> [385] "boot"          "class"          "cluster"
#> [388] "codetools"     "compiler"       "datasets"
#> [391] "foreign"       "graphics"       "grDevices"
#> [394] "grid"          "KernSmooth"     "lattice"
#> [397] "MASS"          "Matrix"         "methods"
#> [400] "mgcv"          "nlme"           "nnet"
#> [403] "parallel"      "rpart"          "spatial"
#> [406] "splines"       "stats"          "stats4"
#> [409] "survival"      "tcltk"          "tools"
#> [412] "utils"

```

## References

R Core Team. (2025). *R: A language and environment for statistical computing*. R Foundation for Statistical Computing. Vienna, Austria. <https://www.R-project.org/>