## Session Info

### Ivan Jacob Agaloos Pesigan

### Session

```
sessionInfo()
#> R version 4.5.1 (2025-06-13)
#> 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/libopenblasp-r0.3.26.so; LAPACK version 3.12
#>
#> 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_0.0.21
#>
#> loaded via a namespace (and not attached):
#> [1] backports_1.5.0 R6_2.6.1
                                 lubridate_1.9.4 xfun_0.53
#> [5] magrittr_2.0.4 glue_1.8.0 stringr_1.5.2 knitr_1.50
#> [9] timechange_0.3.0 generics_0.1.4 lifecycle_1.0.4 xml2_1.4.0
#> [13] cli_3.6.5.9000 bibtex_0.5.1
                                       compiler_4.5.1 highr_0.11
#> [17] rprojroot_2.1.1 plyr_1.8.9
                                       httr_1.4.7
                                                       tools_4.5.1
                                      RefManageR_1.4.0 rlang_1.1.6
#> [21] evaluate_1.0.5 Rcpp_1.1.0
```

## **Packages**

```
unname(installed.packages()[, 1])
#>
     [1] "simStateSpace"
                             "abind"
                                                 "Amelia"
     [4] "arm"
                                                 "ash"
#>
                             "arrow"
    [7] "askpass"
                             "assertthat"
                                                 "backports"
#>
#> [10] "base64enc"
                             "betaDelta"
                                                 "betaMC"
                             "betaSandwich"
                                                 "BH"
#> [13] "betaNB"
#> [16] "bibtex"
                             "BiocManager"
                                                 "bit"
#> [19] "bit64"
                                                 "blob"
                             "bitops"
#> [22] "bootStateSpace"
                             "brew"
                                                 "brio"
#> [25] "broom"
                             "bslib"
                                                 "cachem"
#> [28] "callr"
                             "car"
                                                 "caracas"
#> [31] "carData"
                             "cellranger"
                                                 "cffr"
                             "cli"
                                                 "clipr"
#> [34] "checkmate"
                             "clusterGeneration" "coda"
#> [37] "clock"
#> [40] "c0de"
                             "collections"
                                                 "colorspace"
#> [43] "commonmark"
                             "conflicted"
                                                 "corpcor"
#> [46] "covr"
                             "cowplot"
                                                 "cpp11"
#> [49] "crayon"
                             "credentials"
                                                 "crosstalk"
#> [52] "cTMed"
                             "ctsem"
                                                 "curl"
#> [55] "data.table"
                             "DBI"
                                                 "dbplyr"
#> [58] "Deriv"
                             "desc"
                                                 "deSolve"
#> [61] "devtools"
                             "diagram"
                                                 "dials"
#> [64] "DiceDesign"
                                                 "digest"
                             "diffobj"
                                                 "doBy"
#> [67] "distributional"
                             "distro"
                                                 "dplyr"
#> [70] "docopt"
                             "downlit"
#> [73] "DT"
                                                 "duckdb"
                             "dtplyr"
#> [76] "dynr"
                             "dynUtils"
                                                 "ellipse"
#> [79] "ellipsis"
                             "evaluate"
                                                 "expm"
                             "farver"
                                                 "fastDummies"
#> [82] "fansi"
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#> [85] "fastmap"
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#> [88] "fdrtool"
                             "fds"
                                                 "fitDTVARMx"
#> [91] "FNN"
                             "fontawesome"
                                                 "forcats"
                                                 "fs"
#> [94] "foreach"
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#> [97] "fst"
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                                                 "furrr"
#> [100] "future"
                             "future.apply"
                                                 "gargle"
#> [103] "generics"
                             "gert"
                                                 "ggplot2"
#> [106] "ggrepel"
                             "gh"
                                                 "gitcreds"
#> [109] "glasso"
                             "glmnet"
                                                 "globals"
```

```
#> [112] "glue"
                               "googledrive"
                                                    "googlesheets4"
#> [115] "gower"
                                                    "GPfit"
                              "GPArotation"
#> [118] "graphicalVAR"
                                                    "gsubfn"
                               "gridExtra"
                                                    "hardhat"
#> [121] "gtable"
                               "gtools"
#> [124] "haven"
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                                                    "here"
                                                    "hms"
#> [127] "highr"
                              "Hmisc"
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#> [133] "httpuv"
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#> [139] "infer"
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#> [142] "ipred"
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                                                    "jquerylib"
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                              "pbkrtest"
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```

```
#> [247] "R6"
                                                   "rainbow"
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                                                   "nnet"
                              "rpart"
#> [376] "parallel"
                                                   "spatial"
#> [379] "splines"
                              "stats"
                                                   "stats4"
```

# References

R Core Team. (2024). R: A language and environment for statistical computing. R Foundation for Statistical Computing. Vienna, Austria. https://www.R-project.org/