Session Info

Ivan Jacob Agaloos Pesigan

Session

```
sessionInfo()
#> R version 4.4.1 (2024-06-14)
#> Platform: x86_64-pc-linux-gnu
#> Running under: Ubuntu 22.04.4 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-r0.3.20.so; LAPACK version 3.10
#>
#> 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_0.0.13
#>
#> loaded via a namespace (and not attached):
#> [1] backports_1.5.0 R6_2.5.1
                               lubridate_1.9.3 xfun_0.45
#> [5] magrittr_2.0.3 glue_1.7.0 stringr_1.5.1 knitr_1.47
#> [9] timechange_0.3.0 generics_0.1.3 lifecycle_1.0.4 xml2_1.3.6
tools_4.4.1
#> [21] evaluate_0.24.0 Rcpp_1.0.12 RefManageR_1.4.0 rlang_1.1.4
```

Packages

#> [1] "fitCTVARMX" "pkgdown" "pkgload" "ps" [5] "roxygen2" "rProject" "tinytex" "yaml" [7] "abind" "arrow" "ash" "basc64enc" [8] "askpass" "assertthat" "backports" "base64enc" [8] "BH" "bitbex" "BiocManager" "bit" [9] "bit64" "bitops" "blob" "brew" [21] "BH" "bitops" "blob" "brew" [22] "brio" "broom" "bslib" "cachem" [23] "callr" "car" "caracas" "carPata" "caracas" "carData" "carlad" "coda" "cOde" "code" "code" "code" "code" "code" "code" "code" "coffr" "corplot" "cpp11" "corplot" "cpp11" "credentials" "crayon" "corplot" "cpp11" "credentials" "crosstalk" "cTMed" "coff" "data.table" "data.tab	unn	ame(i	nstalled.packages()[, 1])		
	#>	Г17	"fitCTVARMx"	"pkgdown"	"pkgload"	"ps"
#> [9] "abind" "arrow" "ash" "AsioHeaders" [13] "askpass" "assertthat" "backports" "base64enc"		[5]				
#> [13] "askpass" "assertthat" "backports" "bataSandwich"	#>		3 0			
#> [17] "betaDelta" "betaMC" "bitox" "BiocManager" "bit"						
#> [21] "BH" "bibtex" "BiocManager" "bit" #> [25] "bit64" "bitops" "blob" "brew" #> [29] "brio" "broom" "bslib" "cachem" #> [33] "callr" "car" "carcas" "carData" #> [37] "cellranger" "cffr" "checkmate" "cli" #> [41] "clipr" "clock" "coda" "code" #> [45] "collections" "colorspace" "commonmark" "conflicted" #> [46] "corpcor" "covr" "cowplot" "cpp11" #> [53] "crayon" "credentials" "crosstalk" "cTMed" #> [57] "ctsem" "curl" "cyclocomp" "data.table" #> [61] "DBI" "dbplyr" "Deriv" "desc" #> [68] "DiceDesign" "diffobj" "diggsat" "distributional" #> [73] "distro" "doBy" "docopt" "doFuture" #> [81] "duckdb" "dynr" "DT" "dtplyr" #> [85] "ellipsis" "evaluate" "expm" "fansi" #> [89] "farver" "fastDummies" "fastmap" "fclust" #> [89] "fontawesome" "forcats" "foreach" "Formula" #> [97] "fontawesome" "forcats" "foreach" "Formula" #> [101] "fs" "gstored" "ggrepel" "generics" #> [102] "gert" "ggoletive" "ggoglesheets4" "gower" #> [113] "gitcreds" "glasso" "glamet" "globals" #> [125] "gtools" "hardhat" "haven" "http2" "jas" #> [129] "here" "highr" "Hmisc" "httpgd" #> [131] "httpuv" "http" "http2" "jas" #> [141] "ifaTools" "igraph" "infer" "ini"	#>					"betaSandwich"
#> [25] "bit64" "bitops" "blob" "blib" "cachem" [29] "brio" "broom" "bslib" "carchem" [28] "callr" "car" "caracas" "carData" [28] "callr" "cellranger" "cffr" "checkmate" "cli" [41] "clipr" "clock" "coda" "code" [41] "clipr" "clock" "coda" "commonmark" "conflicted" [45] "corpcor" "covr" "cowplot" "cpp11" "cpp11" "ctsem" "credentials" "crosstalk" "cTMed" [45] "caryon" "credentials" "crosstalk" "cTMed" [45] "ctsem" "curl" "cyclocomp" "data.table" "componsible" "diagram" "dials" "componsible" "diagram" "dials" "dises" "diagram" "dials" "dises" "diagram" "diagram" "dials" "dises" "docopt" "doFuture" "fastmap" "fastmap" "fansi" "fast" "fastmap" "fastmap" "forust" "fastmap" "forust" "foreach" "Formula" "foreach" "Formula" "fid" "fid" "fid" "fid" "fid" "fid" "fid" "fid" "generics" "googlesheets4" "gower" "googlesheets4" "gower" "googlesheets4" "gower" "googlesheets4" "gower" "hardhat" "haven" "haven" "harded" "hardhat" "ha	#>					
#> [29] "brio" "broom" "bslib" "cachem"	#>					
#> [33] "call" "car" "caracas" "carData" #> [37] "cellranger" "cffr" "checkmate" "cli" #> [41] "clipr" "clock" "coda" "codd" #> [45] "collections" "colorspace" "componmark" "conflicted" #> [46] "corpor" "covr" "cowplot" "cpftd" #> [53] "crayon" "credentials" "crosstalk" "cTMed" #> [57] "ctsem" "curl" "cyclocomp" "data.table" #> [61] "DBI" "devtools" "diagram" "dials" #> [65] "deSolve" "devtools" "diagram" "distributional" #> [69] "DiceDesign" "diffobj" "digest" "distributional" #> [77] "downlit" "dplyr" "DT" "dtplyr" #> [81] "duckdb" "dynr" "DT" "dtplyr" #> [85] "ellipsis" "evaluate" "expm" "fansi" #> [85] "ellipsis" "evaluate" "fastDumnies" "fastmap" "fclust" #> [89] "farver" "fastDumnies" "fastmap" "fclust" #> [97] "fontawesome" "forcats" "foreach" "Formula" #> [101] "fs" "fst" "fstture.apply" "gargle" "generics" #> [103] "gert" "gogplot2" "ggrepel" "gh" #> [117] "glue" "googledrive" "googlesheets4" "gower" #> [121] "GPfit" "gridExtra" "gsubfn" "gtable" #> [122] "here" "highr" "htmlcols" "htmlwidgets" "httpgd" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [141] "ifaTools" "igraph" "infer" "ini"	#>					
#> [37] "cellranger" "cffr" "clock" "coda" "cOde" #> [41] "clipr" "clock" "coda" "code" #> [45] "collections" "colorspace" "commonmark" "conflicted" #> [49] "corpcor" "covr" "cowplot" "cpp11" #> [53] "crayon" "credentials" "crosstalk" "cTMed" #> [57] "ctsem" "curl" "cyclocomp" "data.table" #> [61] "DBI" "dbplyr" "Deriv" "desc" #> [65] "deSolve" "devtools" "diagram" "dials" #> [69] "DiceDesign" "diffobj" "digest" "distributional" #> [73] "distro" "doBy" "docopt" "doFuture" #> [73] "downlit" "dylyr" "DT" "dtplyr" #> [85] "ellipsis" "evaluate" "expm" "fansi" #> [85] "ellipsis" "evaluate" "expm" "fansi" #> [89] "farver" "fastDummies" "fastmap" "fclust" #> [89] "fontawesome" "forcats" "foreach" "Formula" #> [97] "fontawesome" "forcats" "foreach" "Formula" #> [101] "fs" "fst" "fst" "fstcore" "furrr" #> [105] "future" "ggplot2" "ggrepel" "gh" #> [113] "gitcreds" "glasso" "glmnet" "globals" #> [121] "GPfit" "gridExtra" "gsubfn" "gtable" #> [125] "gtools" "hardhat" "haven" "htmlydets" "htmgd" #> [137] "httpuv" "httr" "httro" "ids" #> [137] "httpuv" "httr" "httro" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"	#>				"caracas"	
#> [41] "clipr" "clock" "coda" "cOde" #> [45] "collections" "colorspace" "commonark" "conflicted" #> [49] "corpcor" "covr" "cowplot" "cpp11" #> [53] "crayon" "credentials" "crosstalk" "cTMed" #> [57] "ctsem" "curl" "cyclocomp" "data.table" #> [61] "DBI" "debplyr" "Deriv" "desc" #> [65] "deSolve" "devtools" "diagram" "dials" #> [69] "DiceDesign" "diffobj" "digest" "distributional" #> [73] "distro" "doBy" "docopt" "doFuture" #> [77] "downlit" "dplyr" "DT" "dtplyr" #> [81] "duckdb" "dynr" "dynUtils" "ellipse" #> [85] "ellipsis" "evaluate" "expm" "fansi" #> [89] "farver" "fastDummies" "fastmap" "fclust" #> [93] "fdd" "forcats" "foreach" "FNN" #> [97] "fontawesome" "forcats" "foreach" "Formula" #> [101] "fs" "fst" "garpen" "gargle" "generics" #> [105] "future" "gglasso" "glmnet" "globals" #> [113] "gitcreds" "glasso" "glmnet" "googlesheets4" "gower" #> [121] "GPfit" "gridExtra" "gsubfn" "gtable" #> [125] "gtools" "hardhat" "haven" "hdrcde" #> [129] "here" "highr" "Hmisc" "httpgd" #> [133] "htmlTable" "htttr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"	#>				"checkmate"	
#> [45] "collections" "colorspace" "commonmark" "conflicted" #> [49] "corpcor" "covr" "cowplot" "cpp11" #> [53] "crayon" "credentials" "crosstalk" "cTMed" #> [57] "ctsem" "curl" "cyclocomp" "data.table" #> [61] "DBI" "debyr" "Deriv" "discr" #65] "deSolve" "devtools" "diagram" "dials" #> [65] "deSolve" "devtools" "diagram" "distributional" #> [69] "DiceDesign" "diffobj" "docopt" "doFuture" #> [73] "distro" "doBy" "docopt" "doFuture" #> [77] "downlit" "dylyr" "DT" "dtplyr" #> [81] "duckdb" "dynr" "DT" "dtplyr" #> [85] "ellipsis" "evaluate" "expm" "fansi" #> [89] "farver" "fastDummies" "fastmap" "fclust" #> [93] "fda" "forcats" "foreach" "FNN" #> [93] "fda" "fforcats" "foreach" "foreach" "Formula" #> [101] "fs" "fstt" "fstcore" "furrr" #> [105] "future" "future.apply" "gargle" "generics" #> [109] "gert" "ggplot2" "ggrepel" "gh" #> [113] "gitcreds" "glasso" "glmnet" "globals" #> [117] "glue" "googledrive" "googlesheets4" "gower" #> [121] "Gffit" "gridExtra" "gsubfn" "gtable" #> [125] "gtools" "hardhat" "haven" "hdrcde" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [137] "httpuv" "httr" "httr2" "ids" #> [137] "httpuv" "httr" "httr2" "ids" #> [137] "httpuv" "httr" "httr2" "ids"	#>					"cOde"
#> [49] "corpcor" "covr" "cowplot" "cpp11" #> [53] "crayon" "credentials" "crosstalk" "cTMed" #> [57] "ctsem" "curl" "cyclocomp" "data.table" #> [61] "DBI" "debyr" "Deriv" "diasr" "dials" #> [65] "deSolve" "devtools" "diagram" "dials" #> [69] "DiceDesign" "diffobj" "digest" "distributional" #> [73] "distro" "doBy" "docopt" "doFuture" #> [77] "downlit" "dplyr" "DT" "dtplyr" #> [81] "duckdb" "dynr" "dynUtils" "ellipse" #> [85] "ellipsis" "evaluate" "expm" "fansi" #> [89] "farver" "fastDummies" "fastmap" "fclust" #> [93] "fda" "forcats" "foreach" "FNN" #> [97] "fontawesome" "forcats" "foreach" "Formula" #> [101] "fs" "fst" "fstcore" "furrr" #> [102] "gert" "ggplot2" "ggrepel" "gh" #> [113] "gitcreds" "glasso" "glmnet" "globals" #> [117] "glue" "googledrive" "googlesheets4" "gower" #> [121] "GPfit" "gridExtra" "gsubfn" "gtable" #> [125] "gtools" "hardhat" "haven" "hhdrcde" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"	#>					
#> [53] "crayon" "credentials" "crosstalk" "cTMed" #> [57] "ctsem" "curl" "cyclocomp" "data.table" #> [61] "DBI" "devtools" "diagram" "dials" #> [69] "DiceDesign" "diffobj" "digest" "distributional" #> [73] "distro" "doBy" "docopt" "dtplyr" #> [77] "downlit" "dplyr" "DT" "dtplyr" #> [81] "duckdb" "dynr" "DT" "dtplyr" #> [85] "ellipsis" "evaluate" "expm" "fansi" #> [89] "farver" "fastDummies" "fastmap" "fclust" #> [93] "fda" "forcats" "foreach" "FNN" #> [97] "fontawesome" "forcats" "foreach" "Formula" #> [101] "fs" "fst" "fstcore" "furrr" #> [102] "gert" "ggplot2" "ggrepel" "gh" #> [113] "gitcreds" "glasso" "glmnet" "globals" #> [117] "glue" "googledrive" "googlesheets4" "gower" #> [121] "GPfit" "gridExtra" "gsubfn" "gtable" #> [122] "here" "highr" "Hmisc" "httpgd" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"	#>					
#> [57] "ctsem" "curl" "cyclocomp" "data.table" #> [61] "DBI" "dbplyr" "Deriv" "desc" #> [65] "deSolve" "devtools" "diagram" "dials" #> [69] "DiceDesign" "diffobj" "digest" "doFuture" #> [73] "distro" "doBy" "docopt" "doFuture" #> [77] "downlit" "dylyr" "DT" "dtplyr" #> [81] "duckdb" "dynr" "dynUtils" "ellipse" #> [85] "ellipsis" "evaluate" "expm" "fansi" #> [89] "farver" "fastDummies" "fastmap" "fclust" #> [93] "fdd" "forcats" "foreach" "Formula" #> [101] "fs" "fst" "fst" "fstcore" "furrr" #> [105] "future" "ggplot2" "ggrepel" "generics" #> [109] "gert" "ggplot2" "ggrepel" "gh" #> [117] "glue" "googledrive" "googlesheets4" "gower" #> [121] "GPfit" "gridExtra" "gsubfn" "gtable" #> [125] "gtools" "hardhat" "haven" "hdrcde" #> [129] "here" "highr" "Hmisc" "httpd" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpd" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"	#>					
#> [61] "DBI" "devols" "diagram" "dials" #> [65] "deSolve" "devtools" "diagram" "dials" #> [69] "DiceDesign" "diffobj" "digest" "doFuture" #> [73] "distro" "doBy" "docopt" "doFuture" #> [77] "downlit" "dplyr" "DT" "dtplyr" #> [81] "duckdb" "dynr" "dynUtils" "ellipse" #> [85] "ellipsis" "evaluate" "expm" "fansi" #> [89] "farver" "fastDummies" "fastmap" "fclust" #> [93] "fdd" "fdrtool" "fdds" "FNN" #> [97] "fontawesome" "forcats" "foreach" "Formula" #> [101] "fs" "fst" "fstcore" "furrr" #> [105] "future" "ggplot2" "ggrepel" "generics" #> [109] "gert" "googledrive" "googlesheets4" "gower" #> [111] "GPfit" "gridExtra" "gsubfn" "gtable" #> [125] "gtools" "hardhat" "haven" "hdrcde" #> [129] "here" "highr" "Hmisc" "httpgd" #> [133] "httpuv" "httr" "httr2" "ids" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"	#>			"curl"	"cyclocomp"	"data.table"
#> [65] "deSolve" "devtools" "diagram" "dials" #> [69] "DiceDesign" "diffobj" "digest" "dostributional" #> [73] "distro" "doBy" "docopt" "dtplyr" #> [77] "downlit" "dplyr" "DT" "dtplyr" #> [81] "duckdb" "dynr" "dynUtils" "ellipse" #> [85] "ellipsis" "evaluate" "expm" "fansi" #> [89] "farver" "fastDummies" "fastmap" "fclust" #> [93] "fda" "fdrtool" "fds" "FNN" #> [97] "fontawesome" "forcats" "foreach" "Formula" #> [101] "fs" "fst" "fstcore" "furrr" #> [105] "future" "future.apply" "gargle" "generics" #> [109] "gert" "ggplot2" "ggrepel" "gh" #> [113] "gitcreds" "glasso" "glmnet" "globals" #> [117] "glue" "googledrive" "googlesheets4" "gower" #> [121] "GPfit" "gridExtra" "gsubfn" "gtable" #> [125] "gtools" "hardhat" "haven" "hdrcde" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "inii"	#>	[61]	"DBI"	"dbplyr"		"desc"
#> [69] "DiceDesign" "diffobj" "digest" "distributional" #> [73] "distro" "doBy" "docopt" "doFuture" #> [77] "downlit" "dplyr" "DT" "dtplyr" #> [81] "duckdb" "dynr" "dynUtils" "ellipse" #> [85] "ellipsis" "evaluate" "expm" "fansi" #> [89] "farver" "fastDummies" "fastmap" "fclust" #> [93] "fda" "fdrtool" "fds" "FNN" #> [97] "fontawesome" "forcats" "foreach" "Formula" #> [101] "fs" "fst" "fstcore" "furrr" #> [105] "future" "future.apply" "gargle" "generics" #> [109] "gert" "ggplot2" "ggrepel" "gh" #> [113] "gitcreds" "glasso" "glmnet" "globals" #> [117] "glue" "googledrive" "googlesheets4" "gower" #> [121] "GPfit" "gridExtra" "gsubfn" "gtable" #> [125] "gtools" "hardhat" "haven" "hdrcde" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"	#>	[65]	"deSolve"		"diagram"	"dials"
#> [73] "distro" "doBy" "docopt" "doFuture" #> [77] "downlit" "dplyr" "DT" "dtplyr" #> [81] "duckdb" "dynr" "dynUtils" "ellipse" #> [85] "ellipsis" "evaluate" "expm" "fansi" #> [89] "farver" "fastDummies" "fastmap" "fclust" #> [93] "fda" "fdrtool" "fds" "FNN" #> [97] "fontawesome" "forcats" "foreach" "Formula" #> [101] "fs" "fst" "fstcore" "furrr" #> [105] "future" "future.apply" "gargle" "generics" #> [109] "gert" "ggplot2" "ggrepel" "gh" #> [113] "gitcreds" "glasso" "glmnet" "globals" #> [117] "glue" "googledrive" "googlesheets4" "gower" #> [121] "GPfit" "gridExtra" "gsubfn" "gtable" #> [125] "gtools" "hardhat" "haven" "hdrcde" #> [129] "here" "highr" "Hmisc" "httpgd" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"	#>	[69]	"DiceDesign"	"diffobj"		"distributional"
#> [81] "duckdb" "dynr" "dynUtils" "ellipse" #> [85] "ellipsis" "evaluate" "expm" "fansi" #> [89] "farver" "fastDummies" "fastmap" "fclust" #> [93] "fda" "fdrtool" "fds" "FNN" #> [97] "fontawesome" "forcats" "foreach" "Formula" #> [101] "fs" "fst" "fstcore" "furrr" #> [105] "future" "future.apply" "gargle" "generics" #> [109] "gert" "ggplot2" "ggrepel" "gh" #> [113] "gitcreds" "glasso" "glmnet" "globals" #> [117] "glue" "googledrive" "googlesheets4" "gower" #> [121] "GPfit" "gridExtra" "gsubfn" "gtable" #> [125] "gtools" "hardhat" "haven" "hdrcde" #> [129] "here" "highr" "Hmisc" "hms" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"	#>	[73]	"distro"	"doBy"	"docopt"	"doFuture"
#> [81] "duckdb" "dynr" "dynUtils" "ellipse" #> [85] "ellipsis" "evaluate" "expm" "fansi" #> [89] "farver" "fastDummies" "fastmap" "fclust" #> [93] "fda" "fdrtool" "fds" "FNN" #> [97] "fontawesome" "forcats" "foreach" "Formula" #> [101] "fs" "fst" "fstcore" "furrr" #> [105] "future" "future.apply" "gargle" "generics" #> [109] "gert" "ggplot2" "ggrepel" "gh" #> [113] "gitcreds" "glasso" "glmnet" "globals" #> [117] "glue" "googledrive" "googlesheets4" "gower" #> [121] "GPfit" "gridExtra" "gsubfn" "gtable" #> [125] "gtools" "hardhat" "haven" "hdrcde" #> [129] "here" "highr" "Hmisc" "hms" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"	#>	[77]	"downlit"	"dplyr"	"DT"	"dtplyr"
#> [89] "farver" "fastDummies" "fastmap" "fclust" #> [93] "fda" "fdrtool" "fds" "FNN" #> [97] "fontawesome" "forcats" "foreach" "Formula" #> [101] "fs" "fst" "fstcore" "furrr" #> [105] "future" "future.apply" "gargle" "generics" #> [109] "gert" "ggplot2" "ggrepel" "gh" #> [113] "gitcreds" "glasso" "glmnet" "globals" #> [117] "glue" "googledrive" "googlesheets4" "gower" #> [121] "GPfit" "gridExtra" "gsubfn" "gtable" #> [125] "gtools" "hardhat" "haven" "hdrcde" #> [129] "here" "highr" "Hmisc" "hms" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"	#>				"dynUtils"	"ellipse"
#> [93] "fda" "fdrtool" "fds" "FNN" #> [97] "fontawesome" "forcats" "foreach" "Formula" #> [101] "fs" "fst" "fstcore" "furrr" #> [105] "future" "future.apply" "gargle" "generics" #> [109] "gert" "ggplot2" "ggrepel" "gh" #> [113] "gitcreds" "glasso" "glmnet" "globals" #> [117] "glue" "googledrive" "googlesheets4" "gower" #> [121] "GPfit" "gridExtra" "gsubfn" "gtable" #> [125] "gtools" "hardhat" "haven" "hdrcde" #> [129] "here" "highr" "Hmisc" "hms" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"	#>	[85]	"ellipsis"	"evaluate"	"expm"	"fansi"
#> [97] "fontawesome" "forcats" "foreach" "Formula" #> [101] "fs" "fst" "fstcore" "furrr" #> [105] "future" "future.apply" "gargle" "generics" #> [109] "gert" "ggplot2" "ggrepel" "gh" #> [113] "gitcreds" "glasso" "glmnet" "globals" #> [117] "glue" "googledrive" "googlesheets4" "gower" #> [121] "GPfit" "gridExtra" "gsubfn" "gtable" #> [125] "gtools" "hardhat" "haven" "hdrcde" #> [129] "here" "highr" "Hmisc" "hms" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"	#>			"fastDummies"	"fastmap"	"fclust"
#> [101] "fs" "fst" "fstcore" "furrr" #> [105] "future" "future.apply" "gargle" "generics" #> [109] "gert" "ggplot2" "ggrepel" "gh" #> [113] "gitcreds" "glasso" "glmnet" "globals" #> [117] "glue" "googledrive" "googlesheets4" "gower" #> [121] "GPfit" "gridExtra" "gsubfn" "gtable" #> [125] "gtools" "hardhat" "haven" "hdrcde" #> [129] "here" "highr" "Hmisc" "hms" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"	#>	[93]	"fda"	"fdrtool"	"fds"	"FNN"
#> [105] "future" "future.apply" "gargle" "generics" #> [109] "gert" "ggplot2" "ggrepel" "gh" #> [113] "gitcreds" "glasso" "glmnet" "globals" #> [117] "glue" "googledrive" "googlesheets4" "gower" #> [121] "GPfit" "gridExtra" "gsubfn" "gtable" #> [125] "gtools" "hardhat" "haven" "hdrcde" #> [129] "here" "highr" "Hmisc" "hms" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"	#>	[97]	"fontawesome"	"forcats"	"foreach"	"Formula"
#> [109] "gert" "ggplot2" "ggrepel" "gh" #> [113] "gitcreds" "glasso" "glmnet" "globals" #> [117] "glue" "googledrive" "googlesheets4" "gower" #> [121] "GPfit" "gridExtra" "gsubfn" "gtable" #> [125] "gtools" "hardhat" "haven" "hdrcde" #> [129] "here" "highr" "Hmisc" "hms" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"				"fst"		"furrr"
#> [113] "gitcreds" "glasso" "glmnet" "globals" #> [117] "glue" "googledrive" "googlesheets4" "gower" #> [121] "GPfit" "gridExtra" "gsubfn" "gtable" #> [125] "gtools" "hardhat" "haven" "hdrcde" #> [129] "here" "highr" "Hmisc" "hms" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"					"gargle"	
#> [117] "glue" "googledrive" "googlesheets4" "gower" #> [121] "GPfit" "gridExtra" "gsubfn" "gtable" #> [125] "gtools" "hardhat" "haven" "hdrcde" #> [129] "here" "highr" "Hmisc" "hms" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"						
#> [121] "GPfit" "gridExtra" "gsubfn" "gtable" #> [125] "gtools" "hardhat" "haven" "hdrcde" #> [129] "here" "highr" "Hmisc" "hms" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"				"glasso"		
#> [125] "gtools" "hardhat" "haven" "hdrcde" #> [129] "here" "highr" "Hmisc" "hms" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"						
#> [129] "here" "highr" "Hmisc" "hms" #> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"						
#> [133] "htmlTable" "htmltools" "htmlwidgets" "httpgd" #> [137] "httpuv" "httr" "httr2" "ids" #> [141] "ifaTools" "igraph" "infer" "ini"						
#> [137] "httpuv" "httr" "httr2" "ids" "						
#> [141] "ifaTools" "igraph" "infer" "ini"						
9 1						
#> [145] "inline" "ipred" "isoband" "iterators"						
	#>	[145]	"inline"	"ipred"	"isoband"	"iterators"

#>	[149]	"jomo"	"jpeg"	"jquerylib"	"jsonlite"
#>	[153]	"jsonvalidate"	"kernlab"	"knitr"	"ks"
#>	[157]	"labeling"	"Lahman"	"languageserver"	"later"
#>	[161]	"latex2exp"	"lava"	"lavaan"	"lazyeval"
#>	[165]	"lhs"	"lifecycle"	"lintr"	"listenv"
#>	[169]	"littler"	"lme4"	"locfit"	"longMI"
#>	[173]	"loo"	"lubridate"	"magick"	"magrittr"
#>	[177]	"markdown"	"MatrixModels"	"matrixStats"	"mclust"
#>	[181]	"memoise"	"metaSEM"	"mice"	"microbenchmark"
#>	[185]	"mime"	"miniUI"	"minqa"	"mitml"
#>	[189]	"mize"	"mnormt"	"modeldata"	"modelenv"
#>	[193]	"modelr"	"MplusAutomation"	"multicool"	"munsell"
#>	[197]	"mvtnorm"	"nloptr"	"numDeriv"	"nycflights13"
#>	[201]	"OpenMx"	"openssl"	"ordinal"	"pan"
#>	[205]	"pander"	"parallelly"	"parsnip"	"patchwork"
#>	[209]	"pbapply"	"pbivnorm"	"pbkrtest"	"pcaPP"
#>	[213]	"pdftools"	"pillar"	"pkgbuild"	"pkgconfig"
#>	[217]	"pkgdown"	"pkgload"	"plogr"	"plyr"
#>	[221]	"png"	"posterior"	"pracma"	"praise"
#>	[225]	"prettyunits"	"printr"	"processx"	"prodlim"
#>	[229]	"profvis"	"progress"	"progressr"	"promises"
#>	[233]	"proto"	"ps"	"psych"	"purrr"
#>	[237]	"qgraph"	"qpdf"	"quadprog"	"quantreg"
#>	[241]	"quarto"	"QuickJSR"	"R.cache"	"R.methodsS3"
#>	[245]	"R.oo"	"R.utils"	"R6"	"ragg"
#>	[249]	"rainbow"	"rappdirs"	"rbibutils"	"rcmdcheck"
#>	[253]	"RColorBrewer"	"Rcpp"	"RcppArmadillo"	"RcppEigen"
#>	[257]	"RcppGSL"	"RcppParallel"	"RcppTOML"	"RCurl"
#>	[261]	"Rdpack"	"readr"	"readxl"	"recipes"
#>	[265]	"RefManageR"	"rematch"	"rematch2"	"remotes"
#>	[269]	"reprex"	"reshape2"	"reticulate"	"rex"
#>	[273]	"rhub"	"rlang"	"RMariaDB"	"rmarkdown"
#>	[277]	"roxygen2"	"rpf"	"RPostgres"	"rProject"
#>	[281]	"rprojroot"	"rsample"	"RSQLite"	"rstan"
#>	[285]	"rstantools"	"rstudioapi"	"rversions"	"rvest"
#>	[289]	"Ryacas"	"sass"	"scales"	"selectr"
#>	[293]	"semlbci"	"semmcci"	"sessioninfo"	"shape"
		"shiny"	"simStateSpace"	"slider"	"snow"
#>		"snowfall"	"sourcetools"	"SparseM"	"SQUAREM"
#>		"StanHeaders"	"statmod"	"stringi"	"stringr"
#>		"styler"	"symSEM"	"sys"	"systemfonts"
#>		"tensorA"	"testthat"	"texreg"	"textshaping"
#>		"tibble"	"tidymodels"	"tidyr"	"tidyselect"
#>		"tidyverse"	"timechange"	"timeDate"	"tinytex"
#>	[325]	"tune"	"tzdb"	"ucminf"	"unigd"

#>	[329]	"urlchecker"	"usethis"	"utf8"	"uuid"
#>	[333]	"V8"	"vctrs"	"viridis"	"viridisLite"
#>	[337]	"vroom"	"waldo"	"warp"	"whisker"
#>	[341]	"whoami"	"withr"	"workflows"	"workflowsets"
#>	[345]	"xfun"	"xml2"	"xmlparsedata"	"xopen"
#>	[349]	"xtable"	"yaml"	"yardstick"	"zip"
#>	[353]	"base"	"boot"	"class"	"cluster"
#>	[357]	"codetools"	"compiler"	"datasets"	"foreign"
#>	[361]	"graphics"	"grDevices"	"grid"	"KernSmooth"
#>	[365]	"lattice"	"MASS"	"Matrix"	"methods"
#>	[369]	"mgcv"	"nlme"	"nnet"	"parallel"
#>	[373]	"rpart"	"spatial"	"splines"	"stats"
#>	[377]	"stats4"	"survival"	"tcltk"	"tools"
#>	[381]	"utils"			

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/