BBreprex

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# Session info

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EnsDb.Hsapiens.v75 2.99.0 2023-09-20 [1] Bioconductor ## EnsDb.Hsapiens.v86 2.99.0 2023-11-17 [1] Bioconductor ## ensembldb 2.26.0 2023-10-26 [1] Bioconductor ## ensemblr 0.1.0 2024-02-06 [1] Github (ramiromagno/ensemblr@8507fc9) ## ensemblVEP 1.44.0 2023-11-02 [1] Bioconductor ## EnvStats 2.8.1 2023-08-22 [1] CRAN (R 4.3.0) ## EpiCompare 1.6.5 2024-02-13 [1] Bioconductor 3.18 (R 4.3.2) ## estimability 1.5 2024-02-20 [1] CRAN (R 4.3.1) ## etm 1.1.1 2020-09-08 [1] CRAN (R 4.3.0) ## europepmc 0.4.3 2023-09-20 [1] CRAN (R 4.3.1) ## evaluate 0.23 2023-11-01 [1] CRAN (R 4.3.1) ## EWCE 1.11.3 2024-01-26 [1] Github (NathanSkene/EWCE@3838e2c) ## ewceData 1.10.0 2023-10-26 [1] Bioconductor ## Exact 3.2 2022-09-25 [1] CRAN (R 4.3.0) ## ExperimentHub 2.10.0 2023-10-26 [1] Bioconductor ## expm 0.999-9 2024-01-11 [1] CRAN (R 4.3.1) ## FactoMineR 2.10 2024-02-29 [1] CRAN (R 4.3.1) ## fANCOVA 0.6-1 2020-11-13 [1] CRAN (R 4.3.0) ## fansi 1.0.6 2023-12-08 [1] CRAN (R 4.3.1) ## farver 2.1.1 2022-07-06 [1] CRAN (R 4.3.0) ## fastcluster 1.2.6 2024-01-12 [1] CRAN (R 4.3.1) ## fastDummies 1.7.3 2023-07-06 [1] CRAN (R 4.3.0) ## fastICA 1.2-4 2023-11-27 [1] CRAN (R 4.3.1) ## fastmap 1.1.1 2023-02-24 [1] CRAN (R 4.3.0) ## fastmatch 1.1-4 2023-08-18 [1] CRAN (R 4.3.0) ## fauxpas 0.5.2 2023-05-03 [1] CRAN (R 4.3.0) ## ff 4.0.12 2024-01-12 [1] CRAN (R 4.3.1) ## fgsea 1.28.0 2023-10-26 [1] Bioconductor ## filelock 1.0.3 2023-12-11 [1] CRAN (R 4.3.1) ## fitdistrplus 1.1-11 2023-04-25 [1] CRAN (R 4.3.0) ## flashClust 1.01-2 2012-08-21 [1] CRAN (R 4.3.0) ## flock 0.7 2016-11-12 [1] CRAN (R 4.3.0) ## FNN 1.1.4 2024-01-12 [1] CRAN (R 4.3.1) ## fontawesome 0.5.2 2023-08-19 [1] CRAN (R 4.3.0) ## forcats 1.0.0 2023-01-29 [1] CRAN (R 4.3.0) ## foreach 1.5.2 2022-02-02 [1] CRAN (R 4.3.0) ## forecast 8.22.0 2024-03-04 [1] CRAN (R 4.3.1) ## foreign 0.8-86 2023-11-28 [1] CRAN (R 4.3.1) ## formatR 1.14 2023-01-17 [1] CRAN (R 4.3.0) ## Formula 1.2-5 2023-02-24 [1] CRAN (R 4.3.0) ## formula.tools 1.7.1 2018-03-01 [1] CRAN (R 4.3.0) ## fracdiff 1.5-3 2024-02-01 [1] CRAN (R 4.3.1) ## fresh 0.2.0 2020-05-29 [1] CRAN (R 4.3.0) ## fs 1.6.3 2023-07-20 [1] CRAN (R 4.3.0) ## furrr 0.3.1 2022-08-15 [1] CRAN (R 4.3.0) ## futile.logger 1.4.3 2016-07-10 [1] CRAN (R 4.3.0) ## futile.options 1.0.1 2018-04-20 [1] CRAN (R 4.3.0) ## future 1.33.1 2023-12-22 [1] CRAN (R 4.3.1) ## future.apply 1.11.1 2023-12-21 [1] CRAN (R 4.3.1) ## gargle 1.5.2 2023-07-20 [1] CRAN (R 4.3.0) ## gclus 1.3.2 2019-01-07 [1] CRAN (R 4.3.0) ## gdata 3.0.0 2023-10-16 [1] CRAN (R 4.3.1) ## GeneOverlap 1.38.0 2023-10-26 [1] Bioconductor ## generics 0.1.3 2022-07-05 [1] CRAN (R 4.3.0) ## genetics.binaRies 0.1.1 2023-10-20 [1] Github (MRCIEU/genetics.binaRies@b0324f1) ## genomation 1.34.0 2023-10-26 [1] Bioconductor ## GenomeInfoDb 1.38.7 2024-03-09 [1] Bioconductor 3.18 (R 4.3.3) ## GenomeInfoDbData 1.2.11 2023-10-19 [1] Bioconductor ## GenomicAlignments 1.38.2 2024-01-20 [1] Bioconductor 3.18 (R 4.3.2) ## GenomicFeatures 1.54.4 2024-03-12 [1] Bioconductor 3.18 (R 4.3.3) ## GenomicFiles 1.38.0 2023-10-26 [1] Bioconductor ## GenomicInteractions 1.36.0 2023-10-26 [1] Bioconductor ## GenomicRanges 1.54.1 2023-10-30 [1] Bioconductor ## GenomicSEM 0.0.5 2023-12-13 [1] Github (GenomicSEM/GenomicSEM@a723459) ## geodata 0.5-9 2023-10-13 [1] CRAN (R 4.3.1) ## GEOmetadb 1.64.0 2023-10-26 [1] Bioconductor ## GEOquery 2.70.0 2023-10-26 [1] Bioconductor ## gert 2.0.1 2023-12-04 [1] CRAN (R 4.3.1) ## getopt 1.20.4 2023-10-01 [1] CRAN (R 4.3.1) ## GetoptLong 1.0.5 2020-12-15 [1] CRAN (R 4.3.0) ## GGally 2.2.1 2024-02-14 [1] CRAN (R 4.3.1) ## ggbeeswarm 0.7.2 2023-04-29 [1] CRAN (R 4.3.0) ## ggbio 1.50.0 2023-11-01 [1] Bioconductor ## ggbreak 0.1.2 2023-06-26 [1] CRAN (R 4.3.0) ## ggcorrplot 0.1.4.1 2023-09-05 [1] CRAN (R 4.3.0) ## ggdendro 0.2.0 2024-02-23 [1] CRAN (R 4.3.1) ## ggdist 3.3.2 2024-03-05 [1] CRAN (R 4.3.1) ## ggforce 0.4.2 2024-02-19 [1] CRAN (R 4.3.1) ## ggfun 0.1.4 2024-01-19 [1] CRAN (R 4.3.1) ## ggimage 0.3.3 2023-06-19 [1] CRAN (R 4.3.0) ## gginnards 0.1.2 2023-05-24 [1] CRAN (R 4.3.0) ## ggiraph 0.8.9 2024-02-24 [1] CRAN (R 4.3.1) ## ggnetwork 0.5.13 2024-02-14 [1] CRAN (R 4.3.1) ## ggnewscale 0.4.10 2024-02-08 [1] CRAN (R 4.3.1) ## ggpattern 1.0.1 2022-11-09 [1] CRAN (R 4.3.0) ## ggplot2 3.5.0 2024-02-23 [1] CRAN (R 4.3.1) ## ggplotify 0.1.2 2023-08-09 [1] CRAN (R 4.3.0) ## ggpubr 0.6.0 2023-02-10 [1] CRAN (R 4.3.0) ## ggraph 2.2.1 2024-03-07 [1] CRAN (R 4.3.1) ## ggrastr 1.0.2 2023-06-01 [1] CRAN (R 4.3.0) ## ggrepel 0.9.5 2024-01-10 [1] CRAN (R 4.3.1) ## ggridges 0.5.6 2024-01-23 [1] CRAN (R 4.3.1) ## ggsci 3.0.1 2024-03-02 [1] CRAN (R 4.3.1) ## ggside 0.3.1 2024-03-01 [1] CRAN (R 4.3.1) ## ggsignif 0.6.4 2022-10-13 [1] CRAN (R 4.3.0) ## ggstats 0.5.1 2023-11-21 [1] CRAN (R 4.3.1) ## ggstatsplot 0.12.2 2024-01-14 [1] CRAN (R 4.3.1) ## ggtext 0.1.2 2022-09-16 [1] CRAN (R 4.3.0) ## ggtree 3.10.1 2024-02-27 [1] Bioconductor 3.18 (R 4.3.2) ## gh 1.4.0 2023-02-22 [1] CRAN (R 4.3.0) ## gitcreds 0.1.2 2022-09-08 [1] CRAN (R 4.3.0) ## githubinstall 0.2.2 2018-02-18 [1] CRAN (R 4.3.0) ## gld 2.6.6 2022-10-23 [1] CRAN (R 4.3.0) ## glmGamPoi 1.14.3 2024-02-10 [1] Bioconductor 3.18 (R 4.3.2) ## glmnet 4.1-8 2023-08-22 [1] CRAN (R 4.3.0) ## GlobalOptions 0.1.2 2020-06-10 [1] CRAN (R 4.3.0) ## globals 0.16.3 2024-03-08 [1] CRAN (R 4.3.1) ## glue 1.7.0 2024-01-09 [1] CRAN (R 4.3.1) ## gmp 0.7-4 2024-01-15 [1] CRAN (R 4.3.1) ## GO.db 3.18.0 2023-10-13 [1] Bioconductor ## goftest 1.2-3 2021-10-07 [1] CRAN (R 4.3.0) ## googleAuthR 2.0.1 2023-04-11 [1] CRAN (R 4.3.0) ## googledrive 2.1.1 2023-06-11 [1] CRAN (R 4.3.0) ## googlesheets4 1.1.1 2023-06-11 [1] CRAN (R 4.3.0) ## GOSemSim 2.28.1 2024-01-20 [1] Bioconductor 3.18 (R 4.3.2) ## gower 1.0.1 2022-12-22 [1] CRAN (R 4.3.0) ## GPfit 1.0-8 2019-02-08 [1] CRAN (R 4.3.0) ## gplots 3.1.3.1 2024-02-02 [1] CRAN (R 4.3.1) ## gprofiler2 0.2.3 2024-02-23 [1] CRAN (R 4.3.1) ## graph 1.80.0 2023-10-26 [1] Bioconductor ## P graphics \* 4.3.1 2023-06-16 [1] local ## graphlayouts 1.1.1 2024-03-09 [1] CRAN (R 4.3.1) ## P grDevices \* 4.3.1 2023-06-16 [1] local ## grid 4.3.1 2023-06-16 [?] local ## gridBase 0.4-7 2014-02-24 [1] CRAN (R 4.3.0) ## gridExtra 2.3 2017-09-09 [1] CRAN (R 4.3.0) ## gridGraphics 0.5-1 2020-12-13 [1] CRAN (R 4.3.0) ## gridpattern 1.1.1 2023-10-25 [1] CRAN (R 4.3.1) ## gridtext 0.1.5 2022-09-16 [1] CRAN (R 4.3.0) ## grImport2 0.3-1 2023-10-27 [1] CRAN (R 4.3.1) ## grr 0.9.5 2016-08-26 [1] CRAN (R 4.3.0) ## gson 0.1.0 2023-03-07 [1] CRAN (R 4.3.0) ## gtable 0.3.4 2023-08-21 [1] CRAN (R 4.3.0) ## gtools 3.9.5 2023-11-20 [1] CRAN (R 4.3.1) ## Gviz 1.46.1 2023-11-18 [1] Bioconductor 3.18 (R 4.3.2) ## h2o 3.44.0.3 2024-01-11 [1] CRAN (R 4.3.1) ## haploR 4.0.7 2023-10-09 [1] CRAN (R 4.3.1) ## hardhat 1.3.1 2024-02-02 [1] CRAN (R 4.3.1) ## harmony 1.2.0 2023-11-29 [1] CRAN (R 4.3.1) ## haven 2.5.4 2023-11-30 [1] CRAN (R 4.3.1) ## HDF5Array 1.30.1 2024-02-17 [1] Bioconductor 3.18 (R 4.3.2) ## hdf5r 1.3.10 2024-03-02 [1] CRAN (R 4.3.1) ## HDO.db 0.99.1 2023-10-13 [1] Bioconductor ## heatmaply 1.5.0 2023-10-06 [1] CRAN (R 4.3.1) ## here 1.0.1 2020-12-13 [1] CRAN (R 4.3.0) ## hexbin 1.28.3 2023-03-21 [1] CRAN (R 4.3.0) ## hexSticker 0.4.9 2020-12-05 [1] CRAN (R 4.3.0) ## HGNChelper 0.8.1 2019-10-24 [1] CRAN (R 4.3.0) ## highr 0.10 2022-12-22 [1] CRAN (R 4.3.0) ## Hmisc 5.1-2 2024-03-11 [1] CRAN (R 4.3.1) ## hms 1.1.3 2023-03-21 [1] CRAN (R 4.3.0) ## homologene 1.4.68.19.3.27 2019-03-28 [1] CRAN (R 4.3.0) ## HPO.db 0.99.2 2023-06-28 [1] Bioconductor ## HPOExplorer 1.0.0 2024-03-15 [1] Bioconductor ## HSMMSingleCell 1.22.0 2023-10-26 [1] Bioconductor ## htmlTable 2.4.2 2023-10-29 [1] CRAN (R 4.3.1) ## htmltools 0.5.7 2023-11-03 [1] CRAN (R 4.3.1) ## htmlwidgets 1.6.4 2023-12-06 [1] CRAN (R 4.3.1) ## httpcode 0.3.0 2020-04-10 [1] CRAN (R 4.3.0) ## httpuv 1.6.14 2024-01-26 [1] CRAN (R 4.3.1) ## httr 1.4.7 2023-08-15 [1] CRAN (R 4.3.0) ## httr2 1.0.0 2023-11-14 [1] CRAN (R 4.3.1) ## hunspell 3.0.3 2023-10-06 [1] CRAN (R 4.3.1) ## hypergeo 1.2-13 2016-04-07 [1] CRAN (R 4.3.0) ## ica 1.0-3 2022-07-08 [1] CRAN (R 4.3.0) ## ids 1.0.1 2017-05-31 [1] CRAN (R 4.3.0) ## igraph 2.0.3 2024-03-13 [1] CRAN (R 4.3.1) ## impute 1.76.0 2023-10-26 [1] Bioconductor ## infer 1.0.6 2024-01-31 [1] CRAN (R 4.3.1) ## ini 0.3.1 2018-05-20 [1] CRAN (R 4.3.0) ## innsight 0.3.0 2023-12-21 [1] CRAN (R 4.3.1) ## insight 0.19.8 2024-01-31 [1] CRAN (R 4.3.1) ## InteractionSet 1.30.0 2023-10-26 [1] Bioconductor ## interactiveDisplayBase 1.40.0 2023-10-26 [1] Bioconductor ## interp 1.1-6 2024-01-26 [1] CRAN (R 4.3.1) ## ipred 0.9-14 2023-03-09 [1] CRAN (R 4.3.0) ## IRanges 2.36.0 2023-10-26 [1] Bioconductor ## irlba 2.3.5.1 2022-10-03 [1] CRAN (R 4.3.0) ## isoband 0.2.7 2022-12-20 [1] CRAN (R 4.3.0) ## ISOcodes 2024.02.12 2024-02-12 [1] CRAN (R 4.3.1) ## iterators 1.0.14 2022-02-05 [1] CRAN (R 4.3.0) ## itertools 0.1-3 2014-03-12 [1] CRAN (R 4.3.0) ## jamba 0.0.96.900 2023-10-12 [1] Github (jmw86069/jamba@40c1a1c) ## jamma 0.0.33.900 2023-10-12 [1] Github (jmw86069/jamma@169b1d7) ## janeaustenr 1.0.0 2022-08-26 [1] CRAN (R 4.3.0) ## jpeg 0.1-10 2022-11-29 [1] CRAN (R 4.3.0) ## jquerylib 0.1.4 2021-04-26 [1] CRAN (R 4.3.0) ## jsonlite 1.8.8 2023-12-04 [1] CRAN (R 4.3.1) ## kableExtra 1.4.0 2024-01-24 [1] CRAN (R 4.3.1) ## KEGGREST 1.42.0 2023-10-26 [1] Bioconductor ## keras 2.13.0 2023-08-15 [1] CRAN (R 4.3.0) ## kernlab 0.9-32 2023-01-31 [1] CRAN (R 4.3.0) ## KernSmooth 2.23-22 2023-07-10 [1] CRAN (R 4.3.0) ## KGExplorer 0.99.0 2024-03-15 [1] Bioconductor ## knitr 1.45 2023-10-30 [1] CRAN (R 4.3.1) ## KnowledgeNets 0.99.0 2023-12-10 [1] local ## ks 1.14.2 2024-01-15 [1] CRAN (R 4.3.1) ## kSamples 1.2-10 2023-10-07 [1] CRAN (R 4.3.1) ## labdsv 2.1-0 2023-04-10 [1] CRAN (R 4.3.0) ## labeling 0.4.3 2023-08-29 [1] CRAN (R 4.3.0) ## labelled 2.12.0 2023-06-21 [1] CRAN (R 4.3.0) ## lambda.r 1.2.4 2019-09-18 [1] CRAN (R 4.3.0) ## languageserver 0.3.16 2023-08-18 [1] CRAN (R 4.3.0) ## later 1.3.2 2023-12-06 [1] CRAN (R 4.3.1) ## lattice 0.22-5 2023-10-24 [1] CRAN (R 4.3.1) ## latticeExtra 0.6-30 2022-07-04 [1] CRAN (R 4.3.0) ## lava 1.8.0 2024-03-05 [1] CRAN (R 4.3.1) ## lavaan 0.6-17 2023-12-20 [1] CRAN (R 4.3.1) ## lazyeval 0.2.2 2019-03-15 [1] CRAN (R 4.3.0) ## leaflet 2.2.1 2023-11-13 [1] CRAN (R 4.3.1) ## leaflet.providers 2.0.0 2023-10-17 [1] CRAN (R 4.3.1) ## leaps 3.1 2020-01-16 [1] CRAN (R 4.3.0) ## leiden 0.4.3.1 2023-11-17 [1] CRAN (R 4.3.1) ## leidenbase 0.1.27 2023-12-01 [1] CRAN (R 4.3.1) ## lemur 1.0.5 2023-12-06 [1] Bioconductor 3.18 (R 4.3.1) ## lhs 1.1.6 2022-12-17 [1] CRAN (R 4.3.0) ## libcoin 1.0-10 2023-09-27 [1] CRAN (R 4.3.1) ## lifecycle 1.0.4 2023-11-07 [1] CRAN (R 4.3.1) ## limma 3.58.1 2023-10-31 [1] Bioconductor ## lintr 3.1.1 2023-11-07 [1] CRAN (R 4.3.1) ## listenv 0.9.1 2024-01-29 [1] CRAN (R 4.3.1) ## lme4 1.1-35.1 2023-11-05 [1] CRAN (R 4.3.1) ## lmerTest 3.1-3 2020-10-23 [1] CRAN (R 4.3.0) ## lmom 3.0 2023-08-29 [1] CRAN (R 4.3.0) ## lmtest 0.9-40 2022-03-21 [1] CRAN (R 4.3.0) ## locfit 1.5-9.9 2024-03-01 [1] CRAN (R 4.3.1) ## LoomExperiment 1.20.0 2023-10-24 [1] Bioconductor ## loomR 0.2.0 2023-10-10 [1] Github (mojaveazure/loomR@df0144b) ## lubridate 1.9.3 2023-09-27 [1] CRAN (R 4.3.1) ## luz 0.4.0 2023-04-17 [1] CRAN (R 4.3.0) ## MACSr 1.10.0 2023-10-26 [1] Bioconductor ## magick 2.8.3 2024-02-18 [1] CRAN (R 4.3.1) ## MAGMA.Celltyping 2.0.11 2023-09-20 [1] Github (neurogenomics/MAGMA\_Celltyping@b4b9192) ## magrittr 2.0.3 2022-03-30 [1] CRAN (R 4.3.0) ## maotai 0.2.5 2023-03-29 [1] CRAN (R 4.3.0) ## mapproj 1.2.11 2023-01-12 [1] CRAN (R 4.3.0) ## maps 3.4.2 2023-12-15 [1] CRAN (R 4.3.1) ## markdown 1.12 2023-12-06 [1] CRAN (R 4.3.1) ## MASS 7.3-60.0.1 2024-01-13 [1] CRAN (R 4.3.1) ## MAST 1.28.0 2023-10-24 [1] Bioconductor ## Matrix 1.6-5 2024-01-11 [1] CRAN (R 4.3.1) ## MatrixGenerics 1.14.0 2023-10-26 [1] Bioconductor ## MatrixModels 0.5-3 2023-11-06 [1] CRAN (R 4.3.1) ## matrixStats 1.2.0 2023-12-11 [1] CRAN (R 4.3.1) ## mclust 6.1 2024-02-23 [1] CRAN (R 4.3.1) ## mclustcomp 0.3.3 2021-06-13 [1] CRAN (R 4.3.0) ## memoise 2.0.1.9000 2023-12-21 [1] Github (r-lib/memoise@40db995) ## P methods \* 4.3.1 2023-06-16 [1] local ## metR 0.15.0 2024-02-09 [1] CRAN (R 4.3.1) ## mgcv 1.9-1 2023-12-21 [1] CRAN (R 4.3.1) ## mgsub 1.7.3 2021-07-28 [1] CRAN (R 4.3.0) ## microbenchmark 1.4.10 2023-04-28 [1] CRAN (R 4.3.0) ## mime 0.12 2021-09-28 [1] CRAN (R 4.3.0) ## miniUI 0.1.1.1 2018-05-18 [1] CRAN (R 4.3.0) ## minpack.lm 1.2-4 2023-09-11 [1] CRAN (R 4.3.0) ## minqa 1.2.6 2023-09-11 [1] CRAN (R 4.3.0) ## mixsqp 0.3-54 2023-12-20 [1] CRAN (R 4.3.1) ## mlogit 1.1-1 2020-10-02 [1] CRAN (R 4.3.0) ## mnormt 2.1.1 2022-09-26 [1] CRAN (R 4.3.0) ## mockery 0.4.4 2023-09-26 [1] CRAN (R 4.3.1) ## modeldata 1.3.0 2024-01-21 [1] CRAN (R 4.3.1) ## modelenv 0.1.1 2023-03-08 [1] CRAN (R 4.3.0) ## ModelMetrics 1.2.2.2 2020-03-17 [1] CRAN (R 4.3.0) ## modelr 0.1.11 2023-03-22 [1] CRAN (R 4.3.0) ## modeltools 0.2-23 2020-03-05 [1] CRAN (R 4.3.0) ## MOFA2 1.12.1 2024-01-13 [1] Bioconductor 3.18 (R 4.3.2) ## monarchr 0.2.1 2024-03-14 [1] local ## monocle 2.30.0 2023-10-26 [1] Bioconductor ## monocle3 1.3.4 2023-10-10 [1] Github (cole-trapnell-lab/monocle3@2b17745) ## motifbreakR 2.16.0 2023-10-26 [1] Bioconductor ## MotifDb 1.44.0 2023-10-26 [1] Bioconductor ## motifmatchr 1.24.0 2023-10-24 [1] Bioconductor ## motifStack 1.46.0 2023-10-24 [1] Bioconductor ## MPO.db 0.99.7 2023-05-31 [1] Bioconductor ## MSTExplorer 1.0.0 2024-03-18 [1] Bioconductor ## multcomp 1.4-25 2023-06-20 [1] CRAN (R 4.3.0) ## multcompView 0.1-10 2024-03-08 [1] CRAN (R 4.3.1) ## multicool 1.0.1 2024-02-05 [1] CRAN (R 4.3.1) ## MultiEWCE 1.0.0 2024-02-24 [1] Bioconductor ## MungeSumstats 1.11.6 2024-02-11 [1] Github (neurogenomics/MungeSumstats@009dfd8) ## munsell 0.5.0 2018-06-12 [1] CRAN (R 4.3.0) ## mvtnorm 1.2-4 2023-11-27 [1] CRAN (R 4.3.1) ## nabor 0.5.0 2018-07-11 [1] CRAN (R 4.3.0) ## nanotime 0.3.7 2022-10-24 [1] CRAN (R 4.3.0) ## natserv 1.0.0 2020-05-16 [1] CRAN (R 4.3.0) ## Nebulosa 1.12.1 2024-03-02 [1] Bioconductor 3.18 (R 4.3.2) ## neo2R 2.4.2 2024-01-18 [1] CRAN (R 4.3.1) ## neo4r 0.1.1 2019-02-15 [1] CRAN (R 4.3.0) ## network 1.18.2 2023-12-05 [1] CRAN (R 4.3.1) ## networkD3 0.4 2017-03-18 [1] CRAN (R 4.3.0) ## nlme 3.1-164 2023-11-27 [1] CRAN (R 4.3.1) ## nloptr 2.0.3 2022-05-26 [1] CRAN (R 4.3.0) ## NLP 0.2-1 2020-10-14 [1] CRAN (R 4.3.0) ## nnet 7.3-19 2023-05-03 [1] CRAN (R 4.3.1) ## nortest 1.0-4 2015-07-30 [1] CRAN (R 4.3.0) ## numDeriv 2016.8-1.1 2019-06-06 [1] CRAN (R 4.3.0) ## oaqc 1.0 2017-11-14 [1] CRAN (R 4.3.0) ## OmaDB 2.18.0 2023-10-26 [1] Bioconductor ## ontologyIndex 2.12 2024-02-27 [1] CRAN (R 4.3.1) ## ontologyPlot 1.7 2024-02-20 [1] CRAN (R 4.3.1) ## ontologySimilarity 2.5 2021-02-10 [1] CRAN (R 4.3.0) ## OntologyTermAggregator 0.1.0 2023-12-10 [1] Github (KrishnaTO/OntologyTermAggregator@4c71ac6) ## ontoProc 1.24.0 2023-10-26 [1] Bioconductor ## openalexR 1.2.3 2023-11-16 [1] CRAN (R 4.3.1) ## openssl 2.1.1 2023-09-25 [1] CRAN (R 4.3.1) ## openxlsx 4.2.5.2 2023-02-06 [1] CRAN (R 4.3.0) ## operator.tools 1.6.3 2017-02-28 [1] CRAN (R 4.3.0) ## optimParallel 1.0-2 2021-02-11 [1] CRAN (R 4.3.0) ## optparse 1.7.4 2024-01-16 [1] CRAN (R 4.3.1) ## org.Hs.eg.db 3.18.0 2023-10-19 [1] Bioconductor ## OrganismDbi 1.44.0 2023-10-26 [1] Bioconductor ## orthogene 1.9.1 2023-12-22 [1] Bioconductor ## osfr 0.2.9 2022-09-25 [1] CRAN (R 4.3.0) ## osqp 0.6.3.2 2023-10-20 [1] CRAN (R 4.3.1) ## packrat 0.9.2 2023-09-05 [1] CRAN (R 4.3.0) ## padr 0.6.2 2022-11-23 [1] CRAN (R 4.3.0) ## pagedown 0.20 2022-12-13 [1] CRAN (R 4.3.0) ## paintmap 1.0 2016-08-31 [1] CRAN (R 4.3.0) ## paletteer 1.6.0 2024-01-21 [1] CRAN (R 4.3.1) ## palmerpenguins 0.1.1 2022-08-15 [1] CRAN (R 4.3.0) ## pals 1.9 2024-01-26 [1] Github (kwstat/pals@73eea8f) ## pandoc 0.2.0 2023-08-24 [1] CRAN (R 4.3.0) ## parallel 4.3.1 2023-06-16 [?] local ## parallelly 1.37.1 2024-02-29 [1] CRAN (R 4.3.1) ## parameters 0.21.5 2024-02-07 [1] CRAN (R 4.3.1) ## parsnip 1.2.0 2024-02-16 [1] CRAN (R 4.3.1) ## patchwork 1.2.0 2024-01-08 [1] CRAN (R 4.3.1) ## pbapply 1.7-2 2023-06-27 [1] CRAN (R 4.3.0) ## pbivnorm 0.6.0 2015-01-23 [1] CRAN (R 4.3.0) ## pbkrtest 0.5.2 2023-01-19 [1] CRAN (R 4.3.0) ## pbmcapply 1.5.1 2022-04-28 [1] CRAN (R 4.3.0) ## pcaMethods 1.94.0 2023-10-26 [1] Bioconductor ## pdftools 3.4.0 2023-09-25 [1] CRAN (R 4.3.1) ## PeakyFinders 0.99.4 2023-10-19 [1] Github (neurogenomics/PeakyFinders@f918067) ## performance 0.10.9 2024-02-17 [1] CRAN (R 4.3.1) ## PerformanceAnalytics 2.0.4 2020-02-06 [1] CRAN (R 4.3.0) ## permute 0.9-7 2022-01-27 [1] CRAN (R 4.3.0) ## phangorn 2.11.1 2023-01-23 [1] CRAN (R 4.3.0) ## pheatmap 1.0.12 2019-01-04 [1] CRAN (R 4.3.0) ## phenomix 0.99.6 2024-03-16 [1] Bioconductor ## phenoRx 0.99.0 2024-03-01 [1] local ## phylobase 0.8.12 2024-01-30 [1] CRAN (R 4.3.1) ## phytools 2.1-1 2024-01-09 [1] CRAN (R 4.3.1) ## piggyback 0.1.5 2023-07-10 [1] CRAN (R 4.3.0) ## pillar 1.9.0 2023-03-22 [1] CRAN (R 4.3.0) ## pingr 2.0.3 2023-12-10 [1] CRAN (R 4.3.1) ## pixmap 0.4-12 2021-01-29 [1] CRAN (R 4.3.0) ## pkgbuild 1.4.3 2023-12-10 [1] CRAN (R 4.3.1) ## pkgconfig 2.0.3 2019-09-22 [1] CRAN (R 4.3.0) ## pkgdown 2.0.7 2022-12-14 [1] CRAN (R 4.3.0) ## pkgload 1.3.4 2024-01-16 [1] CRAN (R 4.3.1) ## pkgnet 0.4.2 2021-12-23 [1] CRAN (R 4.3.0) ## plogr 0.2.0 2018-03-25 [1] CRAN (R 4.3.0) ## plotly 4.10.4 2024-01-13 [1] CRAN (R 4.3.1) ## plotrix 3.8-4 2023-11-10 [1] CRAN (R 4.3.1) ## PlotTools 0.3.0 2023-10-30 [1] CRAN (R 4.3.1) ## pluralize 0.2.0 2020-06-09 [1] CRAN (R 4.3.0) ## plyr 1.8.9 2023-10-02 [1] CRAN (R 4.3.1) ## plyranges 1.22.0 2023-10-24 [1] Bioconductor ## PMCMRplus 1.9.10 2023-12-10 [1] CRAN (R 4.3.1) ## png 0.1-8 2022-11-29 [1] CRAN (R 4.3.0) ## Polychrome 1.5.1 2022-05-03 [1] CRAN (R 4.3.0) ## polyclip 1.10-6 2023-09-27 [1] CRAN (R 4.3.1) ## polynom 1.4-1 2022-04-11 [1] CRAN (R 4.3.0) ## poweRlaw 0.80.0 2024-01-25 [1] CRAN (R 4.3.1) ## pracma 2.4.4 2023-11-10 [1] CRAN (R 4.3.1) ## praise 1.0.0 2015-08-11 [1] CRAN (R 4.3.0) ## preprocessCore 1.64.0 2023-10-26 [1] Bioconductor ## prettyunits 1.2.0 2023-09-24 [1] CRAN (R 4.3.1) ## prismatic 1.1.1 2022-08-15 [1] CRAN (R 4.3.0) ## pROC 1.18.5 2023-11-01 [1] CRAN (R 4.3.1) ## processx 3.8.3 2023-12-10 [1] CRAN (R 4.3.1) ## prodlim 2023.08.28 2023-08-28 [1] CRAN (R 4.3.0) ## profvis 0.3.8 2023-05-02 [1] CRAN (R 4.3.0) ## progress 1.2.3 2023-12-06 [1] CRAN (R 4.3.1) ## progressr 0.14.0 2023-08-10 [1] CRAN (R 4.3.0) ## promises 1.2.1 2023-08-10 [1] CRAN (R 4.3.0) ## ProtGenerics 1.34.0 2023-10-26 [1] Bioconductor ## proxy 0.4-27 2022-06-09 [1] CRAN (R 4.3.0) ## ps 1.7.6 2024-01-18 [1] CRAN (R 4.3.1) ## pscl 1.5.9 2024-01-31 [1] CRAN (R 4.3.1) ## pubmedR 0.0.3 2020-07-09 [1] CRAN (R 4.3.0) ## purrr 1.0.2 2023-08-10 [1] CRAN (R 4.3.0) ## qap 0.1-2 2022-06-27 [1] CRAN (R 4.3.0) ## qlcMatrix 0.9.7 2018-04-20 [1] CRAN (R 4.3.0) ## qpdf 1.3.2 2023-03-17 [1] CRAN (R 4.3.0) ## quadprog 1.5-8 2019-11-20 [1] CRAN (R 4.3.0) ## Quandl 2.11.0 2021-08-11 [1] CRAN (R 4.3.0) ## quantmod 0.4.26 2024-02-14 [1] CRAN (R 4.3.1) ## quantreg 5.97 2023-08-19 [1] CRAN (R 4.3.0) ## quartificate 0.0.0.9000 2024-03-08 [1] Github (ropenscilabs/quartificate@bed4c63) ## quarto 1.4 2024-03-06 [1] CRAN (R 4.3.1) ## qvalue 2.34.0 2023-10-26 [1] Bioconductor ## R.cache 0.16.0 2022-07-21 [1] CRAN (R 4.3.0) ## R.methodsS3 1.8.2 2022-06-13 [1] CRAN (R 4.3.0) ## R.oo 1.26.0 2024-01-24 [1] CRAN (R 4.3.1) ## R.utils 2.12.3 2023-11-18 [1] CRAN (R 4.3.1) ## R6 2.5.1 2021-08-19 [1] CRAN (R 4.3.0) ## ragg 1.3.0 2024-03-13 [1] CRAN (R 4.3.1) ## RANN 2.6.1 2019-01-08 [1] CRAN (R 4.3.0) ## rappdirs 0.3.3 2021-01-31 [1] CRAN (R 4.3.0) ## raster 3.6-26 2023-10-14 [1] CRAN (R 4.3.1) ## ratelimitr 0.4.1 2018-10-07 [1] CRAN (R 4.3.0) ## RBGL 1.78.0 2023-10-26 [1] Bioconductor ## rbibutils 2.2.16 2023-10-25 [1] CRAN (R 4.3.1) ## RCircos 1.2.2 2021-12-19 [1] CRAN (R 4.3.0) ## rcmdcheck 1.4.0 2021-09-27 [1] CRAN (R 4.3.0) ## RColorBrewer 1.1-3 2022-04-03 [1] CRAN (R 4.3.0) ## Rcpp 1.0.12 2024-01-09 [1] CRAN (R 4.3.1) ## RcppAnnoy 0.0.22 2024-01-23 [1] CRAN (R 4.3.1) ## RcppArmadillo 0.12.8.1.0 2024-03-03 [1] CRAN (R 4.3.1) ## RcppCCTZ 0.2.12 2022-11-06 [1] CRAN (R 4.3.0) ## RcppDate 0.0.3 2021-05-19 [1] CRAN (R 4.3.0) ## RcppDE 0.1.7 2022-12-20 [1] CRAN (R 4.3.0) ## RcppDist 0.1.1 2018-10-28 [1] CRAN (R 4.3.0) ## RcppEigen 0.3.4.0.0 2024-02-28 [1] CRAN (R 4.3.1) ## RcppGSL 0.3.13 2023-01-13 [1] CRAN (R 4.3.0) ## RcppHNSW 0.6.0 2024-02-04 [1] CRAN (R 4.3.1) ## RcppInt64 0.0.4 2023-12-09 [1] CRAN (R 4.3.1) ## RcppParallel 5.1.7 2023-02-27 [1] CRAN (R 4.3.0) ## RcppProgress 0.4.2 2020-02-06 [1] CRAN (R 4.3.0) ## RcppRoll 0.3.0 2018-06-05 [1] CRAN (R 4.3.0) ## RcppSpdlog 0.0.16 2024-01-12 [1] CRAN (R 4.3.1) ## RcppTOML 0.2.2 2023-01-29 [1] CRAN (R 4.3.0) ## RcppZiggurat 0.1.6 2020-10-20 [1] CRAN (R 4.3.0) ## RCurl 1.98-1.14 2024-01-09 [1] CRAN (R 4.3.1) ## Rdiagnosislist 1.2 2023-04-18 [1] CRAN (R 4.3.0) ## Rdimtools 1.1.2 2022-12-15 [1] CRAN (R 4.3.0) ## Rdpack 2.6 2023-11-08 [1] CRAN (R 4.3.1) ## readr 2.1.5 2024-01-10 [1] CRAN (R 4.3.1) ## readxl 1.4.3 2023-07-06 [1] CRAN (R 4.3.0) ## recipes 1.0.10 2024-02-18 [1] CRAN (R 4.3.1) ## reghelper 1.1.2 2023-09-02 [1] CRAN (R 4.3.0) ## regioneR 1.34.0 2023-10-26 [1] Bioconductor ## registry 0.5-1 2019-03-05 [1] CRAN (R 4.3.0) ## remaCor 0.0.18 2024-02-08 [1] CRAN (R 4.3.1) ## rematch 2.0.0 2023-08-30 [1] CRAN (R 4.3.0) ## rematch2 2.1.2 2020-05-01 [1] CRAN (R 4.3.0) ## remotes 2.4.2.9000 2023-11-17 [1] Github (r-lib/remotes@6fe8836) ## rentrez 1.2.3 2020-11-10 [1] CRAN (R 4.3.0) ## renv 1.0.5 2024-02-29 [1] CRAN (R 4.3.1) ## repmis 0.5 2016-02-07 [1] CRAN (R 4.3.0) ## reprex 2.1.0 2024-01-11 [1] CRAN (R 4.3.1) ## reshape 0.8.9 2022-04-12 [1] CRAN (R 4.3.0) ## reshape2 1.4.4 2020-04-09 [1] CRAN (R 4.3.0) ## ResidualMatrix 1.12.0 2023-10-24 [1] Bioconductor ## restfulr 0.0.15 2022-06-16 [1] CRAN (R 4.3.0) ## reticulate 1.35.0 2024-01-31 [1] CRAN (R 4.3.1) ## rex 1.2.1 2021-11-26 [1] CRAN (R 4.3.0) ## Rfast 2.1.0 2023-11-09 [1] CRAN (R 4.3.1) ## rgl 1.3.1 2024-03-05 [1] CRAN (R 4.3.1) ## Rgraphviz 2.46.0 2023-10-26 [1] Bioconductor ## rhdf5 2.46.1 2023-12-02 [1] Bioconductor 3.18 (R 4.3.2) ## rhdf5filters 1.14.1 2023-11-06 [1] Bioconductor ## Rhdf5lib 1.24.2 2024-02-10 [1] Bioconductor 3.18 (R 4.3.2) ## RhpcBLASctl 0.23-42 2023-02-11 [1] CRAN (R 4.3.0) ## Rhtslib 2.4.1 2024-01-20 [1] Bioconductor 3.18 (R 4.3.2) ## riingo 0.3.1 2020-09-12 [1] CRAN (R 4.3.0) ## RISmed 2.3.0 2021-07-05 [1] CRAN (R 4.3.0) ## ritis 1.0.0 2021-02-02 [1] CRAN (R 4.3.0) ## rJava 1.0-11 2024-01-26 [1] CRAN (R 4.3.1) ## rjson 0.2.21 2022-01-09 [1] CRAN (R 4.3.0) ## RJSONIO 1.3-1.9 2023-11-27 [1] CRAN (R 4.3.1) ## rlang 1.1.3 2024-01-10 [1] CRAN (R 4.3.1) ## rlist 0.4.6.2 2021-09-03 [1] CRAN (R 4.3.0) ## rmarkdown 2.26 2024-03-05 [1] CRAN (R 4.3.1) ## rmio 0.4.0 2022-02-17 [1] CRAN (R 4.3.0) ## Rmpfr 0.9-5 2024-01-21 [1] CRAN (R 4.3.1) ## RMySQL 0.10.27 2023-12-04 [1] CRAN (R 4.3.1) ## rncl 0.8.7 2023-01-08 [1] CRAN (R 4.3.0) ## RNeXML 2.4.11 2023-02-01 [1] CRAN (R 4.3.0) ## RNOmni 1.0.1.2 2023-09-11 [1] CRAN (R 4.3.0) ## ROCR 1.0-11 2020-05-02 [1] CRAN (R 4.3.0) ## rols 2.30.2 2024-02-17 [1] Bioconductor 3.18 (R 4.3.2) ## ROMOP 0.3.0 2023-11-16 [1] Github (BenGlicksberg/ROMOP@dc37ea9) ## rootSolve 1.8.2.4 2023-09-21 [1] CRAN (R 4.3.1) ## rorcid 0.7.0 2021-01-20 [1] CRAN (R 4.3.0) ## rotl 3.1.0 2023-06-15 [1] CRAN (R 4.3.0) ## roxygen2 7.3.1 2024-01-22 [1] CRAN (R 4.3.1) ## rpart 4.1.23 2023-12-05 [1] CRAN (R 4.3.1) ## rphenoscape 0.3.0 2024-01-26 [1] Github (phenoscape/rphenoscape@5842b56) ## rphylopic 1.3.0 2023-12-20 [1] CRAN (R 4.3.1) ## rprojroot 2.0.4 2023-11-05 [1] CRAN (R 4.3.1) ## rredlist 0.7.1 2022-11-11 [1] CRAN (R 4.3.0) ## rsample 1.2.0 2023-08-23 [1] CRAN (R 4.3.0) ## Rsamtools 2.18.0 2023-10-26 [1] Bioconductor ## rsconnect 1.2.1 2024-01-31 [1] CRAN (R 4.3.1) ## rscopus 0.6.6 2019-09-17 [1] CRAN (R 4.3.0) ## RSpectra 0.16-1 2022-04-24 [1] CRAN (R 4.3.0) ## RSQLite 2.3.5 2024-01-21 [1] CRAN (R 4.3.1) ## rstackdeque 1.1.1 2015-04-13 [1] CRAN (R 4.3.0) ## rstatix 0.7.2 2023-02-01 [1] CRAN (R 4.3.0) ## rstudioapi 0.15.0 2023-07-07 [1] CRAN (R 4.3.0) ## rsvd 1.0.5 2021-04-16 [1] CRAN (R 4.3.0) ## rsvg 2.6.0 2023-10-08 [1] CRAN (R 4.3.1) ## rtracklayer 1.62.0 2023-10-26 [1] Bioconductor ## Rtsne 0.17 2023-12-07 [1] CRAN (R 4.3.1) ## RUnit 0.4.33 2024-02-22 [1] CRAN (R 4.3.1) ## rvcheck 0.2.1 2021-10-22 [1] CRAN (R 4.3.0) ## rversions 2.1.2 2022-08-31 [1] CRAN (R 4.3.0) ## rvest 1.0.4 2024-02-12 [1] CRAN (R 4.3.1) ## rworkflows 1.0.1 2024-01-03 [1] Bioconductor ## s2 1.1.6 2023-12-19 [1] CRAN (R 4.3.1) ## S4Arrays 1.2.1 2024-03-05 [1] Bioconductor 3.18 (R 4.3.2) ## S4Vectors 0.40.2 2023-11-25 [1] Bioconductor 3.18 (R 4.3.2) ## safetensors 0.1.2 2023-09-12 [1] CRAN (R 4.3.0) ## sandwich 3.1-0 2023-12-11 [1] CRAN (R 4.3.1) ## sass 0.4.8 2023-12-06 [1] CRAN (R 4.3.1) ## SAVER 1.1.2 2019-11-13 [1] CRAN (R 4.3.0) ## ScaledMatrix 1.10.0 2023-10-24 [1] Bioconductor ## scales 1.3.0 2023-11-28 [1] CRAN (R 4.3.1) ## scattermore 1.2 2023-06-12 [1] CRAN (R 4.3.0) ## scatterpie 0.2.1 2023-06-07 [1] CRAN (R 4.3.0) ## scatterplot3d 0.3-44 2023-05-05 [1] CRAN (R 4.3.0) ## sceasy 0.0.7 2023-10-10 [1] Github (cellgeni/sceasy@0cfc0e3) ## scKirby 0.1.4 2023-11-29 [1] Bioconductor ## scNLP 0.1.2 2023-10-10 [1] Github (neurogenomics/scNLP@db0dddd) ## scOntoMatch 0.1.1 2023-10-27 [1] CRAN (R 4.3.1) ## SCopeLoomR 0.13.0 2023-10-10 [1] Github (aertslab/SCopeLoomR@20f4e0a) ## scs 3.2.4 2023-04-11 [1] CRAN (R 4.3.0) ## sctransform 0.4.1 2023-10-19 [1] CRAN (R 4.3.1) ## scuttle 1.12.0 2023-10-24 [1] Bioconductor ## secretbase 0.3.0.1 2024-03-01 [1] CRAN (R 4.3.1) ## segmented 2.0-3 2024-02-16 [1] CRAN (R 4.3.1) ## selectr 0.4-2 2019-11-20 [1] CRAN (R 4.3.0) ## seqinr 4.2-36 2023-12-08 [1] CRAN (R 4.3.1) ## seqLogo 1.68.0 2023-10-26 [1] Bioconductor ## seqminer 9.4 2024-02-03 [1] CRAN (R 4.3.1) ## seqPattern 1.34.0 2023-10-26 [1] Bioconductor ## seriation 1.5.4 2023-12-12 [1] CRAN (R 4.3.1) ## servr 0.29 2024-02-09 [1] CRAN (R 4.3.1) ## sessioninfo 1.2.2 2021-12-06 [1] CRAN (R 4.3.0) ## Seurat 5.0.2 2024-02-29 [1] CRAN (R 4.3.1) ## SeuratDisk 0.0.0.9020 2023-10-10 [1] Github (mojaveazure/seurat-disk@9b89970) ## SeuratObject 5.0.1 2023-11-17 [1] CRAN (R 4.3.1) ## SeuratWrappers 0.3.4 2024-03-07 [1] Github (satijalab/seurat-wrappers@d9594f6) ## sf 1.0-15 2023-12-18 [1] CRAN (R 4.3.1) ## shadowtext 0.1.3 2024-01-19 [1] CRAN (R 4.3.1) ## shape 1.4.6.1 2024-02-23 [1] CRAN (R 4.3.1) ## shapes 1.2.7 2023-02-03 [1] CRAN (R 4.3.0) ## shiny 1.8.0 2023-11-17 [1] CRAN (R 4.3.1) ## shinycssloaders 1.0.0 2020-07-28 [1] CRAN (R 4.3.0) ## shinydashboard 0.7.2 2021-09-30 [1] CRAN (R 4.3.0) ## shinydashboardPlus 2.0.4.9000 2023-10-12 [1] Github (RinteRface/shinydashboardPlus@96d0150) ## shinyjqui 0.4.1 2022-02-03 [1] CRAN (R 4.3.0) ## shinyjs 2.1.0 2021-12-23 [1] CRAN (R 4.3.0) ## shinythemes 1.2.0 2021-01-25 [1] CRAN (R 4.3.0) ## shinyWidgets 0.8.2 2024-03-01 [1] CRAN (R 4.3.1) ## showtext 0.9-7 2024-03-02 [1] CRAN (R 4.3.1) ## showtextdb 3.0 2020-06-04 [1] CRAN (R 4.3.0) ## Signac 1.12.0 2023-11-08 [1] CRAN (R 4.3.1) ## simona 1.0.10 2024-02-06 [1] Bioconductor 3.18 (R 4.3.2) ## SingleCellExperiment 1.24.0 2023-10-24 [1] Bioconductor ## sitmo 2.0.2 2021-10-13 [1] CRAN (R 4.3.0) ## slam 0.1-50 2022-01-08 [1] CRAN (R 4.3.0) ## slider 0.3.1 2023-10-12 [1] CRAN (R 4.3.1) ## sna 2.7-2 2023-12-06 [1] CRAN (R 4.3.1) ## snow 0.4-4 2021-10-27 [1] CRAN (R 4.3.0) ## SnowballC 0.7.1 2023-04-25 [1] CRAN (R 4.3.0) ## SNPlocs.Hsapiens.dbSNP144.GRCh37 0.99.20 2023-10-20 [1] Bioconductor ## SNPlocs.Hsapiens.dbSNP144.GRCh38 0.99.20 2023-10-20 [1] Bioconductor ## snpStats 1.52.0 2023-10-26 [1] Bioconductor ## solrium 1.2.0 2021-05-19 [1] CRAN (R 4.3.0) ## sourcetools 0.1.7-1 2023-02-01 [1] CRAN (R 4.3.0) ## sp 2.1-3 2024-01-30 [1] CRAN (R 4.3.1) ## spam 2.10-0 2023-10-23 [1] CRAN (R 4.3.1) ## sparklyr 1.8.4 2023-10-30 [1] CRAN (R 4.3.1) ## SparseArray 1.2.4 2024-02-10 [1] Bioconductor 3.18 (R 4.3.2) ## SparseM 1.81 2021-02-18 [1] CRAN (R 4.3.0) ## sparseMatrixStats 1.14.0 2023-10-26 [1] Bioconductor ## sparsesvd 0.2-2 2023-01-14 [1] CRAN (R 4.3.0) ## spatial 7.3-17 2023-07-20 [1] CRAN (R 4.3.0) ## spatstat.data 3.0-4 2024-01-15 [1] CRAN (R 4.3.1) ## spatstat.explore 3.2-6 2024-02-01 [1] CRAN (R 4.3.1) ## spatstat.geom 3.2-9 2024-02-28 [1] CRAN (R 4.3.1) ## spatstat.random 3.2-3 2024-02-29 [1] CRAN (R 4.3.1) ## spatstat.sparse 3.0-3 2023-10-24 [1] CRAN (R 4.3.1) ## spatstat.utils 3.0-4 2023-10-24 [1] CRAN (R 4.3.1) ## spData 2.3.0 2023-07-06 [1] CRAN (R 4.3.0) ## spdep 1.3-3 2024-02-07 [1] CRAN (R 4.3.1) ## spdl 0.0.5 2023-06-18 [1] CRAN (R 4.3.0) ## speedglm 0.3-5 2023-05-06 [1] Github (cran/speedglm@1e34560) ## splicejam 0.0.77.900 2023-10-12 [1] Github (jmw86069/splicejam@04d7c2d) ## splines 4.3.1 2023-06-16 [?] local ## splitstackshape 1.4.8 2019-04-21 [1] CRAN (R 4.3.0) ## SqlRender 1.16.1 2023-10-07 [1] CRAN (R 4.3.1) ## SQUAREM 2021.1 2021-01-13 [1] CRAN (R 4.3.0) ## statmod 1.5.0 2023-01-06 [1] CRAN (R 4.3.0) ## statnet.common 4.9.0 2023-05-24 [1] CRAN (R 4.3.0) ## P stats \* 4.3.1 2023-06-16 [1] local ## stats4 4.3.1 2023-06-16 [?] local ## statsExpressions 1.5.3 2024-01-13 [1] CRAN (R 4.3.1) ## stopwords 2.3 2021-10-28 [1] CRAN (R 4.3.0) ## stringdist 0.9.12 2023-11-28 [1] CRAN (R 4.3.1) ## stringi 1.8.3 2023-12-11 [1] CRAN (R 4.3.1) ## stringr 1.5.1 2023-11-14 [1] CRAN (R 4.3.1) ## styler 1.10.2 2023-08-29 [1] CRAN (R 4.3.0) ## SummarizedExperiment 1.32.0 2023-10-24 [1] Bioconductor ## SuppDists 1.1-9.7 2022-01-03 [1] CRAN (R 4.3.0) ## supraHex 1.40.0 2023-10-26 [1] Bioconductor ## survival 3.5-8 2024-02-14 [1] CRAN (R 4.3.1) ## susieR 0.12.35 2023-02-17 [1] CRAN (R 4.3.0) ## svglite 2.1.3 2023-12-08 [1] CRAN (R 4.3.1) ## sys 3.4.2 2023-05-23 [1] CRAN (R 4.3.0) ## sysfonts 0.8.9 2024-03-02 [1] CRAN (R 4.3.1) ## sysreqs 1.0.0.9000 2024-01-22 [1] Github (r-hub/sysreqs@f068afa) ## systemfonts 1.0.6 2024-03-07 [1] CRAN (R 4.3.1) ## targets 1.6.0 2024-03-13 [1] CRAN (R 4.3.1) ## taxize 0.9.100 2022-04-22 [1] CRAN (R 4.3.0) ## tcltk 4.3.1 2023-06-16 [?] local ## templateR 0.99.0 2023-12-09 [1] local ## tensor 1.5 2012-05-05 [1] CRAN (R 4.3.0) ## tensorflow 2.15.0 2024-01-31 [1] CRAN (R 4.3.1) ## terra 1.7-71 2024-01-31 [1] CRAN (R 4.3.1) ## testthat 3.2.1 2023-12-02 [1] CRAN (R 4.3.1) ## textnets 0.1.1 2023-10-06 [1] Github (cbail/textnets@42d2366) ## textshaping 0.3.7 2023-10-09 [1] CRAN (R 4.3.1) ## textutils 0.3-2 2023-04-01 [1] CRAN (R 4.3.0) ## tfautograph 0.3.2 2021-09-17 [1] CRAN (R 4.3.0) ## TFBSTools 1.40.0 2023-10-24 [1] Bioconductor ## TFMPvalue 0.0.9 2022-10-21 [1] CRAN (R 4.3.0) ## tfruns 1.5.2 2024-01-26 [1] CRAN (R 4.3.1) ## TH.data 1.1-2 2023-04-17 [1] CRAN (R 4.3.0) ## thesis 0.98.0 2023-10-23 [1] local ## threed 0.1.2 2023-10-06 [1] Github (coolbutuseless/threed@35d1085) ## tibble 3.2.1 2023-03-20 [1] CRAN (R 4.3.0) ## tidygraph 1.3.1 2024-01-30 [1] CRAN (R 4.3.1) ## tidyjson 0.3.2 2023-01-07 [1] CRAN (R 4.3.0) ## tidymodels 1.1.1 2023-08-24 [1] CRAN (R 4.3.0) ## tidypmc 1.7 2019-08-01 [1] CRAN (R 4.3.0) ## tidyquant 1.0.7 2023-03-31 [1] CRAN (R 4.3.0) ## tidyr 1.3.1 2024-01-24 [1] CRAN (R 4.3.1) ## tidyselect 1.2.1 2024-03-11 [1] CRAN (R 4.3.1) ## tidytext 0.4.1 2023-01-07 [1] CRAN (R 4.3.0) ## tidytree 0.4.6 2023-12-12 [1] CRAN (R 4.3.1) ## tidyverse 2.0.0 2023-02-22 [1] CRAN (R 4.3.0) ## tiledb 0.24.0 2024-02-22 [1] CRAN (R 4.3.1) ## R tiledbsoma <NA> <NA> [?] <NA> ## timechange 0.3.0 2024-01-18 [1] CRAN (R 4.3.1) ## timeDate 4032.109 2023-12-14 [1] CRAN (R 4.3.1) ## timetk 2.9.0 2023-10-31 [1] CRAN (R 4.3.1) ## tinytex 0.49 2023-11-22 [1] CRAN (R 4.3.1) ## tm 0.7-12 2024-03-11 [1] CRAN (R 4.3.1) ## tokenizers 0.3.0 2022-12-22 [1] CRAN (R 4.3.0) ## P tools 4.3.1 2023-06-16 [1] local ## topGO 2.54.0 2023-10-26 [1] Bioconductor ## torch 0.12.0 2023-12-15 [1] CRAN (R 4.3.1) ## torchaudio 0.3.1 2023-02-08 [1] CRAN (R 4.3.0) ## torchvision 0.5.1 2023-04-14 [1] CRAN (R 4.3.0) ## trackdown 1.1.1 2021-12-19 [1] CRAN (R 4.3.0) ## treeio 1.26.0 2023-10-24 [1] Bioconductor ## TreeTools 1.10.0 2023-08-19 [1] CRAN (R 4.3.0) ## triebeard 0.4.1 2023-03-04 [1] CRAN (R 4.3.0) ## tseries 0.10-55 2023-12-06 [1] CRAN (R 4.3.1) ## tsfeatures 1.1.1 2023-08-28 [1] CRAN (R 4.3.0) ## TSP 1.2-4 2023-04-04 [1] CRAN (R 4.3.0) ## TTR 0.24.4 2023-11-28 [1] CRAN (R 4.3.1) ## tufte 0.13 2023-06-22 [1] CRAN (R 4.3.0) ## tune 1.1.2 2023-08-23 [1] CRAN (R 4.3.0) ## tweenr 2.0.3 2024-02-26 [1] CRAN (R 4.3.1) ## TxDb.Hsapiens.UCSC.hg19.knownGene 3.2.2 2023-10-13 [1] Bioconductor ## TxDb.Hsapiens.UCSC.hg38.knownGene 3.18.0 2023-10-19 [1] Bioconductor ## TxDb.Mmusculus.UCSC.mm10.knownGene 3.10.0 2023-10-13 [1] Bioconductor ## TxDb.Mmusculus.UCSC.mm9.knownGene 3.2.2 2023-10-13 [1] Bioconductor ## tzdb 0.4.0 2023-05-12 [1] CRAN (R 4.3.0) ## udpipe 0.8.11 2023-01-06 [1] CRAN (R 4.3.0) ## umap 0.2.10.0 2023-02-01 [1] CRAN (R 4.3.0) ## units 0.8-5 2023-11-28 [1] CRAN (R 4.3.1) ## UpSetR 1.4.0 2019-05-22 [1] CRAN (R 4.3.0) ## urca 1.3-3 2022-08-29 [1] CRAN (R 4.3.0) ## urlchecker 1.0.1 2021-11-30 [1] CRAN (R 4.3.0) ## urltools 1.7.3 2019-04-14 [1] CRAN (R 4.3.0) ## usethis 2.2.3 2024-02-19 [1] CRAN (R 4.3.1) ## utf8 1.2.4 2023-10-22 [1] CRAN (R 4.3.1) ## P utils \* 4.3.1 2023-06-16 [1] local ## uuid 1.2-0 2024-01-14 [1] CRAN (R 4.3.1) ## uwot 0.1.16 2023-06-29 [1] CRAN (R 4.3.0) ## V8 4.4.2 2024-02-15 [1] CRAN (R 4.3.1) ## VarfromPDB 2.2.10 2018-09-13 [1] CRAN (R 4.3.0) ## variancePartition 1.32.5 2024-02-17 [1] Bioconductor 3.18 (R 4.3.2) ## VariantAnnotation 1.48.1 2023-11-18 [1] Bioconductor 3.18 (R 4.3.2) ## vcr 1.2.2 2023-06-25 [1] CRAN (R 4.3.0) ## vctrs 0.6.5 2023-12-01 [1] CRAN (R 4.3.1) ## vegan 2.6-4 2022-10-11 [1] CRAN (R 4.3.0) ## VGAM 1.1-10 2024-02-29 [1] CRAN (R 4.3.1) ## vipor 0.4.7 2023-12-18 [1] CRAN (R 4.3.1) ## viridis 0.6.5 2024-01-29 [1] CRAN (R 4.3.1) ## viridisLite 0.4.2 2023-05-02 [1] CRAN (R 4.3.0) ## visNetwork 2.1.2 2022-09-29 [1] CRAN (R 4.3.0) ## vroom 1.6.5 2023-12-05 [1] CRAN (R 4.3.1) ## waiter 0.2.5 2022-01-03 [1] CRAN (R 4.3.0) ## waldo 0.5.2 2023-11-02 [1] CRAN (R 4.3.1) ## warp 0.2.1 2023-11-02 [1] CRAN (R 4.3.1) ## webmockr 0.9.0 2023-02-28 [1] CRAN (R 4.3.0) ## webshot 0.5.5 2023-06-26 [1] CRAN (R 4.3.0) ## webshot2 0.1.1 2023-08-11 [1] CRAN (R 4.3.0) ## websocket 1.4.1 2021-08-18 [1] CRAN (R 4.3.0) ## wesanderson 0.3.7 2023-10-31 [1] CRAN (R 4.3.1) ## WGCNA 1.72-5 2023-12-07 [1] CRAN (R 4.3.1) ## whisker 0.4.1 2022-12-05 [1] CRAN (R 4.3.0) ## WikidataQueryServiceR 1.0.0 2020-06-16 [1] CRAN (R 4.3.0) ## WikidataR 2.3.3 2021-11-16 [1] CRAN (R 4.3.0) ## WikipediR 1.5.0 2017-02-05 [1] CRAN (R 4.3.0) ## wikitaxa 0.4.0 2020-06-29 [1] CRAN (R 4.3.0) ## withr 3.0.0 2024-01-16 [1] CRAN (R 4.3.1) ## wk 0.9.1 2023-11-29 [1] CRAN (R 4.3.1) ## workflows 1.1.4 2024-02-19 [1] CRAN (R 4.3.1) ## workflowsets 1.0.1 2023-04-06 [1] CRAN (R 4.3.0) ## worrms 0.4.3 2023-06-20 [1] CRAN (R 4.3.0) ## writexl 1.5.0 2024-02-09 [1] CRAN (R 4.3.1) ## WRS2 1.1-6 2024-03-15 [1] CRAN (R 4.3.1) ## xfun 0.42 2024-02-08 [1] CRAN (R 4.3.1) ## xgboost 1.7.7.1 2024-01-25 [1] CRAN (R 4.3.1) ## XGR 1.1.9 2023-09-20 [1] Github (hfang-bristol/XGR@7b94708) ## xlsx 0.6.5 2020-11-10 [1] CRAN (R 4.3.0) ## xlsxjars 0.6.1 2014-08-22 [1] CRAN (R 4.3.0) ## XML 3.99-0.16.1 2024-01-22 [1] CRAN (R 4.3.1) ## xml2 1.3.6 2023-12-04 [1] CRAN (R 4.3.1) ## XML2R 0.0.6 2014-03-10 [1] CRAN (R 4.3.0) ## xmlconvert 0.1.2 2021-03-27 [1] CRAN (R 4.3.0) ## xmlparsedata 1.0.5 2021-03-06 [1] CRAN (R 4.3.0) ## xopen 1.0.0 2018-09-17 [1] CRAN (R 4.3.0) ## xtable 1.8-4 2019-04-21 [1] CRAN (R 4.3.0) ## xts 0.13.2 2024-01-21 [1] CRAN (R 4.3.1) ## XVector 0.42.0 2023-10-26 [1] Bioconductor ## yaml 2.3.8 2023-12-11 [1] CRAN (R 4.3.1) ## yardstick 1.3.0 2024-01-19 [1] CRAN (R 4.3.1) ## yesno 0.1.2 2020-07-10 [1] CRAN (R 4.3.0) ## yulab.utils 0.1.4 2024-01-28 [1] CRAN (R 4.3.1) ## zeallot 0.1.0 2018-01-28 [1] CRAN (R 4.3.0) ## zellkonverter 1.12.1 2023-11-14 [1] Bioconductor ## zip 2.3.1 2024-01-27 [1] CRAN (R 4.3.1) ## zlibbioc 1.48.0 2023-10-26 [1] Bioconductor ## zoo 1.8-12 2023-04-13 [1] CRAN (R 4.3.0) ##  ## [1] /Library/Frameworks/R.framework/Versions/4.3-arm64/Resources/library ##  ## P ── Loaded and on-disk path mismatch. ## R ── Package was removed from disk. ##  ## ─ Python configuration ──────────────────────────────────────────────────── ## Python is not available ##  ## ─────────────────────────────────────────────────────────────────────────── |