

Debugging step: Verify installations

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Contents

1	Set up	1
2	Session Info	1

1 Set up

2 Session Info

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## R version 4.4.0 (2024-04-24)
## 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/libopenblas-p0.3.20.so; LAPACK vers
##
## locale:
## [1] C
##
## time zone: Etc/UTC
## tzcode source: system (glibc)
##
## attached base packages:
## [1] grid      stats4    stats      graphics  grDevices  utils      datasets
## [8] methods   base
##
## other attached packages:
##  [1] gg dendro_0.2.0          DT_0.33
##  [3] shinyhelper_0.3.2       ShinyCell_2.1.0
##  [5] glue_1.8.0              gridExtra_2.3
##  [7] reticulate_1.40.0       yaml_2.3.10
##  [9] tinytex_0.54            lubridate_1.9.4
## [11] dplyr_1.1.4             readr_2.1.5
## [13] tidyr_1.3.1             tibble_3.2.1
## [15] tidyverse_2.0.0         tidytext_0.4.2
## [17] stringr_1.5.1           SoupX_1.6.2
## [19] Signac_1.14.9002        shiny_1.10.0
## [21] SeuratWrappers_0.2.0    SeuratObject_5.0.2
## [23] Seurat_4.4.0            R.utils_2.12.3
```

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## [25] R.oo_1.27.0          R.methodsS3_1.8.2
## [27] rlist_0.4.6.2        rliger_2.1.0
## [29] reshape2_1.4.4       RColorBrewer_1.1-3
## [31] purrr_1.0.2          patchwork_1.3.0
## [33] optparse_1.7.5       leiden_0.4.3.1
## [35] knitr_1.49           irlba_2.3.5.1
## [37] igraph_2.1.4         hdf5r_1.3.12
## [39] harmony_1.2.3        Rcpp_1.0.14
## [41] ggthemes_5.1.0       ggrepel_0.9.6
## [43] ggpmisc_0.6.1        ggpp_0.5.8-1
## [45] ggh4x_0.3.0          GGally_2.2.1
## [47] future_1.34.0        fs_1.6.5
## [49] forcats_1.0.0        flextable_0.9.7
## [51] flexmix_2.3-19       lattice_0.22-6
## [53] data.table_1.16.4    cowplot_1.1.3
## [55] clustree_0.5.1       ggraph_2.2.1
## [57] numbat_1.4.2         Matrix_1.7-0
## [59] scooter_0.0.0.9004    infercnv_1.22.0
## [61] SingleR_2.8.0        scDblFinder_1.20.0
## [63] scater_1.34.0        ggplot2_3.5.1
## [65] scuttle_1.16.0       SingleCellExperiment_1.28.1
## [67] SummarizedExperiment_1.36.0 Biobase_2.66.0
## [69] GenomicRanges_1.58.0 GenomeInfoDb_1.42.3
## [71] IRanges_2.40.1       S4Vectors_0.44.0
## [73] BiocGenerics_0.52.0  MatrixGenerics_1.18.1
## [75] matrixStats_1.5.0    remotes_2.5.0
## [77] devtools_2.4.5       usethis_3.1.0
## [79] BiocManager_1.30.25
##
## loaded via a namespace (and not attached):
## [1] ica_1.0-3            plotly_4.10.4
## [3] zlibbioc_1.52.0     tidyselect_1.2.1
## [5] bit_4.5.0.1         doParallel_1.0.17
## [7] rjson_0.2.23        urlchecker_1.0.1
## [9] S4Arrays_1.6.0      parallel_4.4.0
## [11] png_0.1-8           cli_3.6.3
## [13] ggplotify_0.1.2     askpass_1.2.1
## [15] openssl_2.3.1       goftest_1.2-3
## [17] textshaping_1.0.0   BiocIO_1.16.0
## [19] bluster_1.16.0      officer_0.6.7
## [21] BiocNeighbors_2.0.1 tokenizers_0.3.0
## [23] uwot_0.2.2          curl_6.2.0
## [25] mime_0.12           evaluate_1.0.3
## [27] tidytree_0.4.6      coin_1.4-3
## [29] stringi_1.8.4       rjags_4-16
## [31] parallelDist_0.2.6  XML_3.99-0.18
## [33] httpuv_1.6.15       magrittr_2.0.3
## [35] rappdirs_0.3.3      splines_4.4.0
## [37] RcppRoll_0.3.1      getopt_1.20.4
## [39] logger_0.4.0        sctransform_0.4.1
## [41] ggbeeswarm_0.7.2    sessioninfo_1.2.2

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## [43]	jquerylib_0.1.4	withr_3.0.2
## [45]	systemfonts_1.2.1	xgboost_1.7.8.1
## [47]	lmtest_0.9-40	tidygraph_1.3.1
## [49]	formatR_1.14	rtracklayer_1.66.0
## [51]	htmlwidgets_1.6.4	SparseArray_1.6.1
## [53]	zoo_1.8-12	XVector_0.46.0
## [55]	hahmmr_1.0.0	UCSC.utils_1.2.0
## [57]	RhpcBLASctl_0.23-42	timechange_0.3.0
## [59]	foreach_1.5.2	caTools_1.18.3
## [61]	ggtree_3.10.1	quantreg_6.00
## [63]	janeaustrer_1.0.0	gridGraphics_0.5-1
## [65]	ellipsis_0.3.2	lazyeval_0.2.2
## [67]	phyclust_0.1-34	survival_3.5-8
## [69]	scattermore_1.2	crayon_1.5.3
## [71]	RcppAnnoy_0.0.22	progressr_0.15.1
## [73]	scistree_1.2.0	tweenr_2.0.3
## [75]	later_1.4.1	ggridges_0.5.6
## [77]	codetools_0.2-20	profvis_0.4.0
## [79]	Rtsne_0.17	limma_3.62.2
## [81]	gdtools_0.4.1	Rsamtools_2.22.0
## [83]	pkgconfig_2.0.3	xml2_1.3.6
## [85]	spatstat.univar_3.1-1	GenomicAlignments_1.42.0
## [87]	aplot_0.2.4	spatstat.sparse_3.1-0
## [89]	ape_5.8-1	viridisLite_0.4.2
## [91]	xtable_1.8-4	fastcluster_1.2.6
## [93]	plyr_1.8.9	httr_1.4.7
## [95]	tools_4.4.0	globals_0.16.3
## [97]	pkgbuild_1.4.6	beeswarm_0.4.0
## [99]	nlme_3.1-164	futile.logger_1.4.3
## [101]	lambda.r_1.2.4	MatrixModels_0.5-3
## [103]	digest_0.6.37	farver_2.1.2
## [105]	tzdb_0.4.0	yulab.utils_0.2.0
## [107]	SnowballC_0.7.1	viridis_0.6.5
## [109]	cachem_1.1.0	polyclip_1.10-7
## [111]	generics_0.1.3	Biostrings_2.74.1
## [113]	mvtnorm_1.3-3	parallelly_1.41.0
## [115]	pkgload_1.4.0	statmod_1.5.0
## [117]	ragg_1.3.3	ScaledMatrix_1.14.0
## [119]	fontBitstreamVera_0.1.1	pbapply_1.7-2
## [121]	spam_2.11-1	dqrng_0.4.1
## [123]	graphlayouts_1.2.2	gtools_3.9.5
## [125]	GenomeInfoDbData_1.2.13	RCurl_1.98-1.16
## [127]	memoise_2.0.1	rmarkdown_2.29
## [129]	scales_1.3.0	RANN_2.6.2
## [131]	fontLiberation_0.1.0	spatstat.data_3.1-4
## [133]	cluster_2.1.6	spatstat.utils_3.1-2
## [135]	hms_1.1.3	fitdistrplus_1.2-2
## [137]	munsell_0.5.1	colorspace_2.1-1
## [139]	rlang_1.1.5	quadprog_1.5-8
## [141]	DelayedMatrixStats_1.28.1	sparseMatrixStats_1.18.0
## [143]	dotCall64_1.2	ggforce_0.4.2

## [145] xfun_0.50	coda_0.19-4.1
## [147] TH.data_1.1-3	iterators_1.0.14
## [149] modeltools_0.2-23	abind_1.4-8
## [151] libcoin_1.0-10	treeio_1.26.0
## [153] ggsci_3.2.0	futile.options_1.0.1
## [155] bitops_1.0-9	promises_1.3.2
## [157] sandwich_3.1-1	DelayedArray_0.32.0
## [159] compiler_4.4.0	beachmat_2.22.0
## [161] SparseM_1.84-2	polynom_1.4-1
## [163] listenv_0.9.1	fontquiver_0.2.1
## [165] edgeR_4.4.2	BiocSingular_1.22.0
## [167] tensor_1.5	MASS_7.3-60.2
## [169] uuid_1.2-1	BiocParallel_1.40.0
## [171] spatstat.random_3.3-2	R6_2.5.1
## [173] fastmap_1.2.0	multcomp_1.4-28
## [175] fastmatch_1.1-6	vipor_0.4.7
## [177] ROCR_1.0-11	ggstats_0.8.0
## [179] rsvd_1.0.5	nnet_7.3-19
## [181] gtable_0.3.6	phangorn_2.12.1
## [183] KernSmooth_2.23-22	miniUI_0.1.1.1
## [185] deldir_2.0-4	htmltools_0.5.8.1
## [187] RcppParallel_5.1.10	bit64_4.6.0-1
## [189] spatstat.explore_3.3-4	lifecycle_1.0.4
## [191] zip_2.3.1	restfulr_0.0.15
## [193] sass_0.4.9	vctrs_0.6.5
## [195] spatstat.geom_3.3-5	scrان_1.34.0
## [197] ggfun_0.1.8	sp_2.1-4
## [199] future.apply_1.11.3	bslib_0.8.0
## [201] pillar_1.10.1	gplots_3.2.0
## [203] metapod_1.14.0	locfit_1.5-9.10
## [205] jsonlite_1.8.9	argparse_2.2.5