| **All R-Packages Utilized and Dependencies** | | | |
| --- | --- | --- | --- |
| *Supplemental Table 3* | | | |
| Packagename | Version | Maintainer | Citation |
| bestglm | 0.37.3 | Yuanhao Lai <ylai72@uwo.ca> | McLeod A, Xu C, Lai Y (2020). \_bestglm: Best Subset GLM and Regression  Utilities\_. R package version 0.37.3,  <https://CRAN.R-project.org/package=bestglm>. |
| caret | 6.0.93 | Max Kuhn <mxkuhn@gmail.com> | Kuhn M (2022). \_caret: Classification and Regression Training\_. R package  version 6.0-93, <https://CRAN.R-project.org/package=caret>. |
| circlize | 0.4.15 | Zuguang Gu <z.gu@dkfz.de> | Gu, Z. (2014) circlize implements and enhances circular visualization in R.  Bioinformatics. |
| ComplexHeatmap | 2.14.0 | Zuguang Gu <z.gu@dkfz.de> | Gu, Z. (2016) Complex heatmaps reveal patterns and correlations in  multidimensional genomic data. Bioinformatics. |
| conflicted | 1.1.0 | Hadley Wickham <hadley@rstudio.com> | Wickham H (2021). \_conflicted: An Alternative Conflict Resolution Strategy\_.  R package version 1.1.0, <https://CRAN.R-project.org/package=conflicted>. |
| cowplot | 1.1.1 | Claus O. Wilke <wilke@austin.utexas.edu> | Wilke C (2020). \_cowplot: Streamlined Plot Theme and Plot Annotations for  'ggplot2'\_. R package version 1.1.1,  <https://CRAN.R-project.org/package=cowplot>. |
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| DiagrammeRsvg | 0.1 | Richard Iannone <riannone@me.com> | Iannone R (2016). \_DiagrammeRsvg: Export DiagrammeR Graphviz Graphs as SVG\_.  R package version 0.1, <https://CRAN.R-project.org/package=DiagrammeRsvg>. |
| doParallel | 1.0.17 | Folashade Daniel <fdaniel@microsoft.com> | Corporation M, Weston S (2022). \_doParallel: Foreach Parallel Adaptor for  the 'parallel' Package\_. R package version 1.0.17,  <https://CRAN.R-project.org/package=doParallel>. |
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| epiR | 2.0.53 | Mark Stevenson <mark.stevenson1@unimelb.edu.au> | Stevenson M, Nunes ESwcfT, Heuer C, Marshall J, Sanchez J, Thornton R,  Reiczigel J, Robison-Cox J, Sebastiani P, Solymos P, Yoshida K, Jones G,  Pirikahu S, Firestone S, Kyle R, Popp J, Jay M, Reynard C, Cheung A,  Singanallur N, Szabo A, Rabiee. A (2022). \_epiR: Tools for the Analysis of  Epidemiological Data\_. R package version 2.0.53,  <https://CRAN.R-project.org/package=epiR>. |
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