R packages used

Joe Brew

December 1, 2017

Bivand, Roger S., Edzer Pebesma, and Virgilio Gomez-Rubio. 2013. Applied Spatial Data Analysis with R, Second Edition. Springer, NY. http://www.asdar-book.org/.

Bivand, Roger, and Colin Rundel. 2016. Rgeos: Interface to Geometry Engine - Open Source (Geos). https://CRAN.R-project.org/package=rgeos.

Brew, Joe. 2016. Cism: The Cism R Package. https://github.com/joebrew/cism.

———. 2017. Databrew: The Databrew R Package. http://databrew.cc.

Cheng, Joe, Bhaskar Karambelkar, and Yihui Xie. 2017. Leaflet: Create Interactive Web Maps with the Javascript 'Leaflet' Library. https://CRAN.R-project.org/package=leaflet.

Hijmans, Robert J. 2016a. Geosphere: Spherical Trigonometry. https://CRAN.R-project.org/package=geosphere.

——. 2016b. Raster: Geographic Data Analysis and Modeling. https://CRAN.R-project.org/package=raster.

Kim, Albert Y., and Jon Wakefield. 2016. SpatialEpi: Methods and Data for Spatial Epidemiology. https://CRAN.R-project.org/package=SpatialEpi.

Müller, Kirill. 2017. Bindrepp: An 'Repp' Interface to Active Bindings. https://CRAN.R-project.org/package=bindrepp.

Neuwirth, Erich. 2014. RColorBrewer: ColorBrewer Palettes. https://CRAN.R-project.org/package=RColorBrewer.

Pebesma, Edzer J., and Roger S. Bivand. 2005. "Classes and Methods for Spatial Data in R." R News 5 (2): 9–13. http://CRAN.R-project.org/doc/Rnews/.

Perpiñán, Oscar, and Robert Hijmans. 2016. raster Vis. http://oscarperpinan.github.io/rastervis/.

Sarkar, Deepayan. 2008. Lattice: Multivariate Data Visualization with R. New York: Springer. http://lmdvr.r-forge.r-project.org.

Sarkar, Deepayan, and Felix Andrews. 2016. LatticeExtra: Extra Graphical Utilities Based on Lattice. https://CRAN.R-project.org/package=latticeExtra.

Turner, Rolf. 2017. Deldir: Delaunay Triangulation and Dirichlet (Voronoi) Tessellation. https://CRAN. R-project.org/package=deldir.

Venables, W. N., and B. D. Ripley. 2002. *Modern Applied Statistics with S.* Fourth. New York: Springer. http://www.stats.ox.ac.uk/pub/MASS4.

Wickham, Hadley. 2009. *Ggplot2: Elegant Graphics for Data Analysis*. Springer-Verlag New York. http://ggplot2.org.

——. 2016. Readxl: Read Excel Files. https://CRAN.R-project.org/package=readxl.

Wickham, Hadley, Romain Francois, Lionel Henry, and Kirill Müller. 2017. Dplyr: A Grammar of Data Manipulation. https://CRAN.R-project.org/package=dplyr.