

A practical history of R-sig-geo — references

Roger Bivand*

20 August 2018

References

- Abelson, H. and Sussman, G. J. (1996). *Structure and Interpretation of Computer Programs*. MIT Press, Boston, MA.
- Bao, S., Anselin, L., Martin, D., and Stralberg, D. (2000). Seamless integration of spatial statistics and GIS: The S-PLUS for ArcView and the S+Grassland links. *Journal of Geographical Systems*, 2(2):287–306.
- Becker, R. and Chambers, J. (1984). *S: An Interactive Environment for Data Analysis and Graphics*. Wadsworth & Brooks/Cole, Pacific Grove, CA, USA.
- Becker, R. and Chambers, J. (1985). *Extending the S System*. Wadsworth & Brooks/Cole, Pacific Grove, CA, USA.
- Becker, R. A., Chambers, J. M., and Wilks, A. R. (1988). *The New S Language*. Chapman & Hall, London.
- Bivand, R. (2002). Spatial econometrics functions in R: Classes and methods. *Journal of Geographical Systems*, 4(4):405–421.
- Bivand, R. (2006). Implementing spatial data analysis software tools in R. *Geographical Analysis*, 38(1):23–40.
- Bivand, R. and Gebhardt, A. (2000). Implementing functions for spatial statistical analysis using the R language. *Journal of Geographical Systems*, 2(3):307–317.
- Bivand, R. and Neteler, M. (2000). *Open Source geocomputation: using the R data analysis language integrated with GRASS GIS and PostgreSQL data base systems*. Proceedings of the 5th International Conference on GeoComputation.

*Department of Economics, Norwegian School of Economics, Helleveien 30, N-5045 Bergen, Norway; E-mail: `Roger.Bivand@nhh.no`

- Bivand, R. S. (2000). Using the R statistical data analysis language on GRASS 5.0 GIS database files. *Computers & Geosciences*, 26(9):1043 – 1052.
- Chambers, J. M. (1998). *Programming with Data*. Springer, New York.
- Chambers, J. M. (2016). *Extending R*. Chapman & Hall, Boca Raton.
- Chambers, J. M. and Hastie, T. J. (1992). *Statistical Models in S*. Chapman & Hall, London.
- Gómez-Rubio, V., Ferrándiz-Ferragud, J., and López-Quílez, A. (2005). Detecting clusters of disease with R. *Journal of Geographical Systems*, 7:189–206.
- Gómez-Rubio, V. and López-Quílez, A. (2005). RArcInfo: Using GIS data with R. *Computers and Geosciences*, 31:1000–1006.
- Ihaka, R. and Gentleman, R. (1996). R: A language for data analysis and graphics. *Journal of Computational and Graphical Statistics*, 5(3):299–314.
- Pebesma, E. J. (2004). Multivariable geostatistics in S: the gstat package. *Computers and Geosciences*, 30:683–691.
- Pebesma, E. J. and Bivand, R. S. (2005). Classes and methods for spatial data in R. *R News*, 5(2):9–13.
- Pebesma, E. J. and Wesseling, C. G. (1998). Gstat, a program for geostatistical modelling, prediction and simulation. *Computers and Geosciences*, 24:17–31.
- Rowlingson, B. and Diggle, P. J. (1993). Splancs: spatial point pattern analysis code in S-Plus. *Computers and Geosciences*, 19:627–655.
- Tierney, L. (1990). *LISP-STAT: An Object-Oriented Environment for Statistical Computing and Dynamic Graphics*. Wiley, New York, NY.
- Tierney, L. (1996). Recent developments and future directions in Lisp-Stat. *Journal of Computational and Graphical Statistics*, 5(3):250–262.
- Tierney, L. (2005). Some notes on the past and future of Lisp-Stat. *Journal of Statistical Software*, 13(9):1–15.
- Venables, W. N. and Ripley, B. D. (2000). *S Programming*. Springer, New York.
- Wickham, H. (2014). *Advanced R*. Chapman & Hall, Boca Raton, FL.