

## Main literature for workshop (freely available online)

Anselin, L. (2003). Spatial Econometrics. In B. H. Baltagi (Ed.), *A Companion to Theoretical Econometrics* (pp. 310–330). Blackwell Publishing Ltd. <https://doi.org/10.1002/9780470996249.ch15>

Barbieri, I. S. (2017). *An Introduction to Spatial Econometrics in R*. Ignaciomsarmiento.Github.io. <https://ignaciomsarmiento.github.io/2017/02/07/An-Introduction-to-Spatial-Econometrics-in-R.html>

Bivand, R. (2011). *Comparing Estimation Methods for Spatial Econometrics Techniques Using R*. In Norwegian School of Economics (NHH) - Department of Economics (No. 08046824). <https://doi.org/10.2139/ssrn.1690577>

Bivand, R., Millo, G., & Piras, G. (2021). A review of software for spatial econometrics in r. *Mathematics*, 9(11), 1276. <https://doi.org/10.3390/math911276>

Bivand, R., & Piras, G. (2015). Comparing implementations of estimation methods for spatial econometrics. *Journal of Statistical Software*, 63(18), 1–36. <https://doi.org/10.18637/jss.v063.i18>

Bivand, R. S. (2010). Spatial Econometric Functions in R. In M. M. Fischer & A. Getis (Eds.), *Handbook of Applied Spatial Analysis* (1st ed., Vol. 4, Issue 4, pp. 53–71). Springer. [https://doi.org/10.1007/978-3-642-03647-7\\_4](https://doi.org/10.1007/978-3-642-03647-7_4)

LeSage, J. P. (2008). An introduction to spatial econometrics. *Revue d'Economie Industrielle*, 123(3), 19–44. <https://doi.org/10.4000/rei.3887>

Lilja, D. (2016). Linear Regression Using R: An Introduction to Data Modeling. In *Linear Regression Using R: An Introduction to Data Modeling*. University of Minnesota Libraries Publishing. <https://doi.org/10.24926/8668/1301>

Mendez, C. (2020). *Spatial regression analysis in R*. RPubs. <https://rpubs.com/quarcs-lab/tutorial-spatial-regression>

Paradis, E. (2005). *R for beginners* by Emmanuel Paradis. Cran.r-Project.Org. <https://www.goodreads.com/book/show/40198035-r-for-beginners>

Sarrias, M. (2020). *Notes on Spatial Econometrics*. [https://www.m sarrias.com/material\\_spaecn.html](https://www.m sarrias.com/material_spaecn.html)

## Other recommended literature (copyright limited)

Arbia, G., Espa, G., & Giuliani, D. (2021). *Spatial Microeconomics* (Vol. 1st). Routledge.

Arbia, G. (2014). *A primer for spatial econometrics : with applications in R*. Palgrave Macmillan UK.

Bivand, R. S., Pebesma, E., & Gómez-Rubio, V. (2013). *Applied Spatial Data Analysis with R* (2nd ed.). Springer New York. <https://doi.org/10.1007/978-1-4614-7618-4>

De Siano, R., Leone Sciabolazza, V., & Sapiro, A. (2020). Spatial Econometric Models: Theory. In *Regional Resilience to Climate and Environmental Shocks* (1st ed., pp. 31–43). Springer Nature Switzerland AG. [https://doi.org/10.1007/978-3-030-54588-8\\_3](https://doi.org/10.1007/978-3-030-54588-8_3)

Kelejian, H., & Piras, G. (2017). *Spatial Econometrics* (1st ed.). Academic Press. <https://doi.org/10.1016/C2016-0-04332-2>

Kopczewska, K. (2021). *Applied Spatial Statistics and Econometrics: Data Analysis in R* (K. Kopczewska (ed.); 1st ed.). Routledge.

Haining, R., & Li, G. (2020). Spatial Econometric Models. In *Modelling Spatial and Spatial-Temporal Data* (pp. 333–372). Chapman and Hall/CRC. <https://doi.org/10.1201/9780429088933-10/SPATIAL-ECONOMETRIC-MODELS-ROBERT-HAINING-GUANGQUAN-LI>

Seya, H., Yoshida, T., & Yamagata, Y. (2020). Spatial econometric models. In Y. Yamagata & H. Seya (Eds.), *Spatial Analysis Using Big Data: Methods and Urban Applications* (pp. 113–158). Academic Press. <https://doi.org/10.1016/B978-0-12-813127-5.00005-9>