

Further resources

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This is a collection of resources I would recommend for topics that are not covered (well enough) on this website.

In general, you should browse through the [Big Book of R](#), which is curated collection of over 300 R programming books on different topics.

1 Generalized Linear Models

- The [online version](#) of “Beyond Multiple Linear Regression - Applied Generalized Linear Models and Multilevel Models in R” by Roback and Legler (2021)
- The [open access PDF version](#) “Generalized Linear Mixed Models with Applications in Agriculture and Biology” by Ruíz et al. (2023)

2 Maps

- [Chapter 6: Maps](#) in Wickham (2016)
- Drawing beautiful maps programmatically with R, sf and ggplot2 [Part 1](#), [Part 2](#) and [Part 3](#)
- [#30DayMapChallenge](#) - check out the posts of previous years, e.g. [all the contributions of user bydata](#) and [the R code](#) that created them.

3 Meta analyses

- The [online version](#) of “Doing Meta-Analysis with R: A Hands-On Guide” by Harrer et al. (2021)

Harrer, Mathias, Pim Cuijpers, Toshi A. Furukawa, and David D. Ebert. 2021. *Doing Meta-Analysis with r*. Chapman; Hall/CRC. <https://doi.org/10.1201/9781003107347>.

Roback, Paul, and Julie Legler. 2021. *Beyond Multiple Linear Regression*. Chapman; Hall/CRC. <https://doi.org/10.1201/9780429066665>.

Ruíz, Josafhat Salinas, Osval Antonio Montesinos López, Gabriela Hernández Ramírez, and Jose Crossa Hiriart. 2023. *Generalized Linear Mixed Models with Applications in Agriculture and Biology*. Springer International Publishing. <https://doi.org/10.1007/978-3-031-32800-8>.

Wickham, Hadley. 2016. *Ggplot2 Elegant Graphics for Data Analysis*. Use r! Springer International Publishing. <https://doi.org/10.1007/978-3-319-24277-4>.