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.