

Some additional references - APS 2019 Workshop

Paul Esker and Felipe Dalla Lana

Here are some useful online references that related to topics discussed during the workshop.

Modeling

- <https://www3.nd.edu/~steve/Rcourse/Lecture7v1.pdf> (<https://www3.nd.edu/~steve/Rcourse/Lecture7v1.pdf>)
- <https://tutorials.iq.harvard.edu/R/Rstatistics/Rstatistics.html> (<https://tutorials.iq.harvard.edu/R/Rstatistics/Rstatistics.html>)
- <http://www.statslab.cam.ac.uk/~pat/redwsheets.pdf> (<http://www.statslab.cam.ac.uk/~pat/redwsheets.pdf>)

tidyverse

- <https://www.tidyverse.org/> (<https://www.tidyverse.org/>)
- <http://r4ds.had.co.nz/> (<http://r4ds.had.co.nz/>)
- <https://jrnold.github.io/r4ds-exercise-solutions/> (<https://jrnold.github.io/r4ds-exercise-solutions/>)

Correlation and Regression

- <https://www.statmethods.net/stats/regression.html> (<https://www.statmethods.net/stats/regression.html>)
- http://rcompanion.org/handbook/F_12.html (http://rcompanion.org/handbook/F_12.html)

Multiple regression

- <http://www.statmethods.net/stats/regression.html> (<http://www.statmethods.net/stats/regression.html>)
- <http://ww2.coastal.edu/kingw/statistics/R-tutorials/multregr.html> (<http://ww2.coastal.edu/kingw/statistics/R-tutorials/multregr.html>)
- <http://www.r-bloggers.com/r-tutorial-series-multiple-linear-regression/> (<http://www.r-bloggers.com/r-tutorial-series-multiple-linear-regression/>)
- <https://newonlinecourses.science.psu.edu/stat501/node/283/> (<https://newonlinecourses.science.psu.edu/stat501/node/283/>)

Nonlinear regression

- <https://www.jstatsoft.org/article/view/v066i05/v66i05.pdf> (<https://www.jstatsoft.org/article/view/v066i05/v66i05.pdf>)
- <http://www.apsnet.org/edcenter/advanced/topics/EcologyAndEpidemiologyInR/DiseaseProgress/Pages/NonlinearRegression.aspx> (<http://www.apsnet.org/edcenter/advanced/topics/EcologyAndEpidemiologyInR/DiseaseProgress/Pages/NonlinearRegression.aspx>)

Books and other articles

- Nonlinear Regression with R: <https://www.springer.com/la/book/9780387096155> (<https://www.springer.com/la/book/9780387096155>)
- Extending the Linear Model with R: <https://www.crcpress.com/Extending-the-Linear-Model-with-R-Generalized-Linear-Mixed-Effects-and/Faraway/p/book/9781498720960> (<https://www.crcpress.com/Extending-the-Linear-Model-with-R-Generalized-Linear-Mixed-Effects-and/Faraway/p/book/9781498720960>)