

## POUŽITÁ A DOPORUČENÁ LITERATURA

- Allignol A. & Latouche A. 2022. CRAN Task View: Survival Analysis. Version 2022-03-07. Available from <https://CRAN.R-project.org/view=Survival>.
- Amemiya T. 1985. *Advanced Econometrics*. Harvard University Press, Cambridge.
- Bai H., Zhong Y., Gao X. & Xu W. 2020. Multivariate mixed response model with pairwise composite-likelihood method. *Stats* 3(3): 203–220.
- Bartoš F., Martinková P. & Brabec M. 2020. Testing heterogeneity in inter-rater reliability. In: Wiberg M., Molenaar D., Gonzalez J., Böckenholt U. & Kim J.S. (Eds). *Quantitative Psychology. IMPS 2019. Springer Proceedings in Mathematics & Statistics* 322: 347–364.
- Bates D., Mächler M., Bolker B. & Walker S. 2015. Fitting linear mixed-effects models using lme4. *Journal of Statistical Software* 67(1): 1–48.
- Bagdonavicius V. & Nikulin M. 2002. *Accelerated Life Models. Modeling and Statistical Analysis*. Chapman & Hall/CRC, New York.
- Breiman L., Friedman J.H., Olshen R.A. & Stone C.J. 1984. *Classification and Regression Trees*. Chapman and Hall/CRC Press, New York.
- Chiquet J., Mariadassou M. & Robin S. 2021. The Poisson-lognormal model as a versatile framework for the joint analysis of species abundances. *Frontiers in Ecology & Evolution* 9: 588292.
- Clavel J., Aristide L. & Morlon H. 2019. A penalized likelihood framework for high-dimensional phylogenetic comparative methods and an application to New-world monkeys brain evolution. *Systematic Biology* 68(1): 93–116.
- Davidson R. & MacKinnon J.G. 1993. *Estimation and Inference in Econometrics*. Oxford University Press, Oxford.
- De Boor C. 1978. *A Practical Guide to Splines*. Springer-Verlag, New York.
- Donoho D.L. 2000. High-dimensional data analysis: The curses and blessings of dimensionality. *AMS Math Challenges Lecture* 1: 1–32.
- Eilers P.H.C. & Marx B. 1996. Flexible smoothing with B-splines and penalties. *Statistical Science* 11(2): 89–121.
- Fletcher T.D. 2022. QuantPsys: Quantitative Psychology Tools. R package version 1.6. Available from <https://CRAN.R-project.org/package=QuantPsys>.
- Fox G.A. 2001. Failure-time analysis: studying times to events and rates at which events occur. In: *Design and Analysis of Ecological Experiments*, 2<sup>nd</sup> ed. (Scheiner S.M. & Gurevitch J., eds). Oxford: Oxford University Press, pp. 235–266.



- Fox J. & Weisberg S. 2019. *An R Companion to Applied Regression*, 3rd ed. Sage, Thousand Oaks.
- Grolemund G. 2014. *Hands-on Programming in R*. O'Reilly Media, Sebastopol.
- Harrell F.E. Jr. 2001. *Regression Modeling Strategies. With Applications to Linear Models, Logistic Regression, and Survival Analysis*. Springer, New York.
- Horsáková V., Nekola J.C. & Horsák M. 2020. Integrative taxonomic consideration of the Holarctic *Euconulus fulvus* group of land snails (Gastropoda, Stylommatophora). *Systematics and Biodiversity* 18(2): 142–160.
- Hosmer D.W., Lemeshow S. & May S. 2008. *Applied Survival Analysis. Regression Modeling of Time-to-Event Data*. 2<sup>nd</sup> ed. John Wiley & Sons, Hoboken.
- Hothorn T., Buehlmann P., Dudoit S., Molinaro A. & Van Der Laan M. 2006. Survival ensembles. *Biostatistics* 7(3): 355–373.
- Jarek S. 2012. mvnrmtest: Normality test for multivariate variables. R package version 0.1-9. Available from <https://CRAN.R-project.org/package=mvnrmtest>.
- Kartsonaki C. 2016. Survival analysis. *Diagnostic Histopathology* 22(7): 263–270.
- King G. 1989. *Unifying Political Methodology: The Likelihood Theory of Statistical Inference*. Cambridge University Press, Cambridge.
- Lawless J.F. 2003. *Statistical Models and Methods for Lifetime Data*. 2nd ed. John Wiley and Sons, Hoboken.
- Lee L. 2020. NADA: Nondetects and data analysis for environmental data. R package version 1.6-1.1. Available from <https://CRAN.R-project.org/package=NADA>.
- MacDougall D. & Crummett W.B. 1980. Guidelines for data acquisition and data quality evaluation in environmental chemistry. *Analytical Chemistry* 52(14): 2242–2249.
- Martinková P., Bartoš F. & Brabec M. 2023. Assessing inter-rater reliability with heterogeneous variance components models: Flexible approach accounting for contextual variables. *Journal of Educational and Behavioral Statistics* 48(3): 349–383.
- Myšák J., Horsák M., Svobodová E. & Černohorský N. 2013. Small-scale distribution of terrestrial snails: patterns of species richness and abundance related to area. *Journal of Molluscan Studies* 79(2): 118–127.
- Oksanen J., Blanchet F.G., Friendly M., Kindt R., Legendre P., McGlinn D., Minchin P. R., O'Hara R.B., Simpson G.L., Solymos P., Stevens M.H.H., Szoecs E. & Wagner H. 2020. vegan: Community ecology package. R package. version 2.5-7. Available from <https://CRAN.R-project.org/package=vegan>
- Olkin L. & Tate R.F. 1961. Multivariate correlation models with mixed discrete and continuous variables. *Annals of Mathematical Statistics* 32: 448–456.
- Pearl R. 1928. *The Rate of Living*. A. Knopf, New York.
- Pekár S. & Brabec M. 2012. *Moderní analýza biologických dat. 2. Lineární modely s korelacemi v prostředí R*. Masarykova univerzita, Brno.
- Pekár S. & Brabec M. 2019. *Moderní analýza biologických dat. 3. Nelineární modely v prostředí R*. Masarykova univerzita, Brno.



- Pekár S. & Brabec M. 2020. *Moderní analýza biologických dat. 1. Zobecněné lineární modely v prostředí R*. 2. vydání. Masarykova univerzita, Brno.
- Pinheiro J., Bates D., DebRoy S., Sarkar D. & R Core Team 2021. nlme: linear and nonlinear mixed effects models. R package version 3.1-152. Available from <https://CRAN.R-project.org/package=nlme>.
- Pollock L.J., Tingley R., Morris W.K., Golding N., O'Hara R.B., Parris K.M., Veski P.A. & McCarthy M.A. 2014. Understanding co-occurrence by modelling species simultaneously with a Joint Species Distribution Model (JSDM). *Methods in Ecology & Evolution* 5(5): 397–406.
- R Core Team 2023. R: A language and environment for statistical computing. R Foundation for Statistical Computing, Vienna, Austria. Available from <https://www.R-project.org/>.
- Rausand M. & Hoyland A. 2004. *System Reliability Theory: Models, Statistical Methods, and Applications*. John Wiley & Sons, Hoboken.
- Revelle W. 2022. psych: procedures for personality and psychological research, Version = 2.2.5. Available from <https://CRAN.R-project.org/package=psych>.
- Sears M.W. 2005. Geographic variation in the life history of the sagebrush lizard: the role of thermal constraints on activity. *Oecologia* 143(1): 25–36.
- Shaked M. & Shanthikumar J.G. 1994. *Stochastic Orders and Their Applications*. Springer, New York.
- Stoffel M.A., Nakagawa S. & Schielzeth H. 2017. rptR: repeatability estimation and variance decomposition by generalized linear mixed-effects models. *Methods in Ecology & Evolution* 8: 1639–1644.
- Tableman M. & Kim J.S. 2004. *Survival Analysis Using S. Analysis of Time-to-Event Data*. Chapman & Hall/CRC, Boca Raton.
- Therneau T. 2021. A package for survival analysis in R. R package version 3.2-10. Available from <https://CRAN.R-project.org/package=survival>.
- Therneau T., Atkinson B. & Ripley B. 2015. rpart: Recursive Partitioning and Regression Trees. R package version 4.1-10. Available from <https://CRAN.R-project.org/package=rpart>.
- Therneau T.M. & Grambsch P.M. 2000. *Modeling Survival Data. Extending the Cox Model*. Springer-Verlag, New York.
- Tikhonov G., Opedal Ø.H., Abrego N., Lehikoinen A., de Jonge M.M., Oksanen J. & Ovaskainen O. 2020. Joint species distribution modelling with the R-package Hmsc. *Methods in Ecology & Evolution* 11(3): 442–447.
- Tippmann S. 2014. Programming tools: Adventures with R. *Nature News* 517(7532): 109–110.
- Venables W.N. & Ripley B.D. 2002. *Modern Applied Statistics with S*. 4th ed. Springer, New York.
- Wei L.J. 1992. The accelerated failure time model: A useful alternative to the Cox regression model in survival analysis. *Statistics in Medicine* 11(14/15): 1871–1879.



- Xu Y. & Schifano E.D. 2017. Diagnostics for the Cox model. *Communications for Statistical Applications and Methods* 24: 583–604.
- Yan J. & Fine J.P. 2004. Estimating equations for association structures. *Statistics in Medicine* 23: 859–880.