

POUŽITÁ A DOPORUČENÁ LITERATURA

- Bergland A. O., Chae H.-S., Kim Y.-J. & Tatar M. (2012) Fine-scale mapping of natural variation in fly fecundity identifies neuronal domain of expression and function of an aquaporin. *PLoS Genetics* **8**(4): e1002631.
- Björck, Å. (1996) *Numerical Methods for Least Squares Problems*. SIAM, Philadelphia.
- Briere J. F., Pracros P., Le Roux A. Y. & Pierre J. S. (1999) A novel rate model of temperature-dependent development for arthropods. *Environmental Entomology* **28**(1): 22–29.
- Burnham K. P. & Anderson D. R. (2002) *Model Selection and Multimodel Inference*. Springer, New York.
- Canty A. & Ripley B. (2017) boot: Bootstrap R (S-Plus) functions. R package version 1.3–19.
- Casella G. & Berger R. L. (2002) *Statistical Inference*. 2nd ed. Pacific Grove, Duxbury.
- Faraway J. J. (2006) *Extending the Linear Model with R. Generalized Linear, Mixed Effects and Nonparametric Regression Models*. Chapman & Hall/CRC, Boca Raton.
- Hastie T. J. & Tibshirani R. J. (1990) *Generalized Additive Models. Volume 43, Monographs on Statistics and Applied Probability*. Chapman and Hall/CRC Press.
- Holling C. S. (1965) The functional response of predators to prey density and its role in mimicry and population regulation. *Memoirs of the Entomological Society of Canada* **45**: 1–60.
- Jackson C. H. (2011) Multi-state models for panel data: The msm package for R. *Journal of Statistical Software* **38**(8): 1–29.
- Killick R., Fearnhead P. & Eckley I. A. (2012) Optimal detection of change points with a linear computational cost. *Journal of the American Statistical Association* **107**(500): 1590–1598.
- Kontodimas D. C., Eliopoulos P. A., Stathas G. J. & Economou L. P. (2004) Comparative temperature-dependent development of *Nephus includens* (Kirsch) and *Nephus bisignatus* (Bohemian) (Coleoptera: Coccinellidae) preying on *Planococcus citri* (Risso) (Homoptera: Pseudococcidae): evaluation of a linear and various nonlinear models using specific criteria. *Environmental Entomology* **33**(1): 1–11.
- Lactin D. J., Holliday N. J., Johnson D. L. & Craigen R. (1995) Improved rate model of temperature-dependent development by arthropods. *Environmental Entomology* **24**(1): 68–75.
- Lepš J. & Šmilauer P. (2016) *Biostatistika*. EPISTEME, České Budějovice.

- Logan J. A., Wollkind D. J., Hoyt S. C. & Tanigoshi L. K. (1976) An analytic model for description of temperature dependent rate phenomena in arthropods. *Environmental Entomology* **5(6)**: 1133–1140.
- Martyushev L. M. & Terentiev P. S. (2015) A universal model of ontogenetic growth. *Science of Nature* **102(5-6)**: 1–12.
- McMillan I., Fitz-Earle M. & Robson D. S. (1970) Quantitative genetics of fertility. I. Lifetime egg production of *Drosophila melanogaster* – theoretical. *Genetics* **65**: 349–353.
- Meloun M. & Militký J. (2004) *Statistická analýza experimentálních dat*. Academia, Praha.
- Paradis E., Claude J. & Strimmer K. (2004) APE: analyses of phylogenetics and evolution in R language. *Bioinformatics* **20**: 289–290.
- Paradis E. (2006) *Analysis of Phylogenetics and Evolution with R*. 1 edn. Springer, New York.
- Pekár S. & Brabec M. (2009) *Moderní analýza biologických dat. 1. Zobecněné lineární modely v prostředí R*. Scientia, Praha.
- Pekár S. & Brabec M. (2012) *Moderní analýza biologických dat. 2. Lineární modely s korelacemi v prostředí R*. MUNI Press, Brno.
- Pinheiro J. C. & Bates D. M. (2000) *Mixed-Effects Models in S and S-PLUS*. Springer, New York.
- Pinheiro J., Bates D., DebRoy S., Sarkar D. & R Core Team (2017) *nlme: Linear and Nonlinear Mixed Effects Models*. R package version 3.1–131.
- R Core Team (2017) R: A language and environment for statistical computing. R Foundation for Statistical Computing, Vienna, Austria. URL <http://www.R-project.org/>.
- Richards F. J. (1959) A flexible growth function for empirical use. *Journal of Experimental Botany* **10(2)**: 290–300.
- Ritz C. & Streibig J. C. (2008) *Nonlinear Regression with R*. Springer, Chicago.
- Sarkar D. (2008) *Lattice: Multivariate Data Visualization with R*. Springer, New York.
- Stasinopoulos D. M., Rigby R. A., Heller G., Voudouris V. & De Bastiani F. (2017) *Flexible Regression and Smoothing Using GAMMSS in R*. Chapman and Hall/CRC.
- Wheldon T. E. (1988) *Mathematical Models in Cancer Research*. Adam Hilger, Bristol.
- Wood S. N. (2006) *Generalized Additive Models. An Introduction with R*. Chapman & Hall/CRC.
- Zuur A. F., Ieno E. N., Walker N. J., Saveliev A. A. & Smith G. M. (2009) *Mixed Effects Models and Extensions in Ecology with R*. Springer, New York.