Citations for R Packages Used

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`car`

John Fox and Sanford Weisberg (2019). An {R} Companion to Applied Regression, Third Edition. Thousand Oaks CA: Sage. URL: https://socialsciences.mcmaster.ca/jfox/Books/Companion/

`emmeans`

Lenth R (2022). *emmeans: Estimated Marginal Means, aka Least-Squares Means*. R package version 1.7.5, https://CRAN.R-project.org/package=emmeans.

`lmerTest`

Kuznetsova A, Brockhoff PB, Christensen RHB (2017). "lmerTest Package: Tests in Linear Mixed Effects Models." *Journal of Statistical Software*, *82*(13), 1-26. doi:10.18637/jss.v082.i13 https://doi.org/10.18637/jss.v082.i13.

`lme4`

(Not called directly, but the underlying LME engine for `lmerTest`) Douglas Bates, Martin Maechler, Ben Bolker, Steve Walker (2015). Fitting Linear Mixed-Effects Models Using lme4. Journal of Statistical Software, 67(1), 1-48. doi:10.18637/jss.v067.i01.

`mgcv`

2011 for generalized additive model method; 2016 for beyond exponential family; 2004 for strictly additive GCV based model method and basics of gamm; 2017 for overview; 2003 for thin plate regression splines.

Wood, S.N. (2011) Fast stable restricted maximum likelihood and marginal likelihood estimation of semi-parametric generalized linear models. Journal of the Royal Statistical Society (B) 73(1):3-36

Wood S.N., N. Pya and B. Saefken (2016) Smoothing parameter and model selection for general smooth models (with discussion). Journal of the American Statistical Association 111:1548-1575.

Wood, S.N. (2004) Stable and efficient multiple smoothing parameter estimation for generalized additive models. Journal of the American Statistical Association. 99:673-686.

Wood, S.N. (2017) Generalized Additive Models: An Introduction with R (2nd edition). Chapman and Hall/CRC.

Wood, S.N. (2003) Thin-plate regression splines. Journal of the Royal Statistical Society (B) 65(1):95-114.

readxl

Wickham H, Bryan J (2022). *readxl: Read Excel Files.* R package version 1.4.0, https://CRAN.R-project.org/package=readxl.

tidyverse

Wickham et al., (2019). Welcome to the tidyverse. Journal of Open Source Software, 4(43), 1686,https://doi.org/10.21105/joss.01686

vegan

Oksanen J. et al. (2022). *vegan:Community Ecology Package.* R package version 2.6-2, https://CRAN.R-project.org/package=vegan.