

General R Tips

- Restart R whenever you start a new analysis - and create a new Project for each analysis - you don't want old variable names clogging up your workspace.
- Make sure you remember to install the library packages you need. Remember to check for updates!
- Chances are you are making a mistake related to syntax, capitalisation, or trying to run a package you haven't installed/updated.
- If you get really stuck, look at some of the R advice forums such as on stackoverflow.com

Further Reading

Baayen, R.H., Davidson, D.J., Bates, D.M. (2008). Mixed-effects modeling with crossed random effects for subjects and items. *Journal of Memory and Language*, 59, 390-412.

Barr, D.J., Levy, R., Scheepers, C., & Tilly, H. J. (2013). Random effects structure for confirmatory hypothesis testing: Keep it maximal. *Journal of Memory and Language*, 68, 255–278.

Kliegl, R., Masson, M. E. J., and Richter, E. M. (2010). A linear mixed model analysis of masked repetition priming. *Visual Cognition*, 18, 655–681.

Lo, S., and Andrews, S. (2015). To transform or not to transform: using generalized linear mixed models to analyse reaction time data. *Frontiers in Psychology*, 6:1171.

Mirman, D. (2014). *Growth curve analysis and visualization using R*. New York, NY: CRC Press.

Winter, B. (2013). Linear models and linear mixed effects models in R with linguistic applications. arXiv:1308.5499. [<http://arxiv.org/pdf/1308.5499.pdf>]