A non-exhaustive listing of readings and resources related to multilevel modeling

Foundational Books

Raudenbush, S. W. and Bryk, A. S. (2002). Hierarchical Linear Models: Applications and Data Analysis Methods (2nd Ed.). Newbury Park, CA: Sage Publications, Inc.

Hox, J. (2002). Multilevel Analysis: Techniques and Applications. Mahwah, NJ: Erlbaum.

Kreft, I. and de Leeuw, J. (1998). Introduction to Multilevel Modeling. London: Sage.

More advanced treatments

Demidenko, E. (2004). Mixed Models: Theory and Applications. New York: Wiley.

Goldstein, H. (1995). Multilevel Statistical Models. (2nd Ed.). New York: Wiley.

Longford, N. (1993). Random Coefficient Models. Oxford: Clarendon.

Snijders, T. and Bosker, R. (2011). Multilevel Analysis: An Introduction to Basic and Advanced Multilevel Modeling, Second Edition. London: Sage.

Resources directly related to multilevel modeling in various software packages

Albright, J. J., & Marinova, D. M. (2015). Estimating multilevel models using SPSS, Stata, SAS and R. https://scholarworks.iu.edu/dspace/bitstream/handle/2022/19737/Estimating%20Multilevel%20Models%20using%20SPSS,%20Stata,%20SAS%20and%20R.pdf?sequence=1

Finch, W. H., Bolin, J. E., & Kelley, K. (2019). Multilevel modeling using R. CRC Press.

Peugh, J.L., & Enders, C.K. (2005). Using the SPSS mixed procedure to fit cross-sectional and longitudinal multilevel models. Education and Psychological Measurement, 65, 717-741.

Rabe-Hesketh, S. & Skrondal, A. (2012). Multilevel and longitudinal modeling using Stata (3rd Ed.) College Station, TX: Stata Press.

Singer, J.D. (1998). Using SAS PROC MIXED to fit multilevel models, hierarchical models, and individual growth models. Journal of Educational and Behavioral Statistics, 23, 323-355.