Missing Data Analysis
Gentle Introductory Reading List

Compiled by Kyle M. Lang

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The sources listed below offer a gentle introduction to missing data analysis. These readings focus on broad conceptual overviews without much technical detail or mathematical rigor (i.e., very few equations).

These sources are generaly oriented toward a social-scientific/psychological audience, so readers from other disciplines may find the examples somewhat less helpful.

Books

Allison, P. D. (2002). *Missing data.* Thousand Oaks, CA: Sage Publictions.

Enders, C. K. (2010). *Applied missing data analysis.* New York, NY: The Guilford Press.

Graham, J. W. (2012). *Missing data: Analysis and design.* New York, NY: Springer. doi: 10.1007/978-1-4614-4018-5

Introductions/Reviews

Baraldi, A. N., & Enders, C. K. (2010). An introduction to modern missing data analyses. *Journal of School Psychology*, *48*(1), 5–37.

Enders, C. K. (2013). Dealing with missing data in developmental research. *Child Development Perspectives*, *7*(1), 27–31.

Graham, J. W. (2009). Missing data analysis: Making it work in the real world. *Annual review of psychology*, *60*, 549–576.

Lang, K. M., & Little, T. D. (2018). Principled missing data treatments. *Prevention Science*, *19*(3), 284–294.

Little, T. D., Jorgensen, T. D., Lang, K. M., & Moore, E. W. G. (2013). On the joys of missing data. *Journal of Pediatric Psychology*, 1–12. doi: 10.1093/jpepsy/jsto48

Schafer, J. L., & Graham, J. W. (2002). Missing data: Our view of state of the art. *Psychological Methods*, *7*(2), 147–177. doi: 10.1037//1082-989X.7.2.147

MI-Focused

Rubin, D. B. (1996). Multiple imputation after 18+ years. *Journal of the American Statistical Association*, *91*(434), 473–489.

ML-Focused

Enders, C. K. (2001a). The performance of the full information maximum likelihood estimator in multiple regression models with missing data. *Educational and Psychological Measurement*, *61*(5), 713–740.

Enders, C. K. (2001b). A primer on maximum likelihood algorithms available for use with missing data. *Structural Equation Modeling*, *8*(1), 128–141.

Enders, C. K., & Bandalos, D. L. (2001). The relative performance of full information maximum likelihood estimation for missing data in structural equation models. *Structural Equation Modeling*, *8*(3), 430–457.