



	key	annotation
Biesanz-Falk-Savalei-2010	Biesanz-Falk-Savalei-2010	NULL
Blanca-Arnau-LopezMontiel-et al-2013	Blanca-Arnau-LopezMontiel-et al-2013	NULL
Boettiger-Eddelbuettel-2017	Boettiger-Eddelbuettel-2017	container, container-docker, container-singularity
Chow-Ho-Hamaker-et al-2010	Chow-Ho-Hamaker-et al-2010	ild, sem, ssm
Deboeck-Preacher-2015	Deboeck-Preacher-2015	ild, ild-mediation
Dudgeon-2017	Dudgeon-2017	NULL
Eddelbuettel-Francois-2011	Eddelbuettel-Francois-2011	r, r-packages
Hayes-Scharkow-2013	Hayes-Scharkow-2013	NULL
Hunter-2017	Hunter-2017	ild, ild-software, sem, sem-software
Jones-Waller-2013a	Jones-Waller-2013a	NULL
Jones-Waller-2015	Jones-Waller-2015	standardized-regression, standardized-regression
Koopman-Howe-Hollenbeck-et al-2015	Koopman-Howe-Hollenbeck-et al-2015	NULL
Kurtzer-Sochat-Bauer-2017	Kurtzer-Sochat-Bauer-2017	container, container-singularity
Kwan-Chan-2011	Kwan-Chan-2011	NULL
Kwan-Chan-2014	Kwan-Chan-2014	NULL
Merkel-2014	Merkel-2014	container, container-docker
Neale-Hunter-Pritikin-et al-2015	Neale-Hunter-Pritikin-et al-2015	r, r-packages, sem, sem-software
Ou-Hunter-Chow-2019	Ou-Hunter-Chow-2019	ild, ild-software, r, r-packages
Preacher-Selig-2012	Preacher-Selig-2012	mediation, mediation-montecarlo
Rosseel-2012	Rosseel-2012	r, r-packages, sem, sem-software
Schouten-Lugtig-Vink-2018	Schouten-Lugtig-Vink-2018	NULL
Tofighi-Kelley-2019	Tofighi-Kelley-2019	mediation, mediation-bayesian, mediation-montecarlo
Tofighi-MacKinnon-2015	Tofighi-MacKinnon-2015	mediation, mediation-bootstrap, mediation-montecarlo
vanBuuren-GroothuisOudshoorn-2011	vanBuuren-GroothuisOudshoorn-2011	NULL
Wu-Jia-2013	Wu-Jia-2013	NULL
Yuan-Chan-2011	Yuan-Chan-2011	standardized-regression, standardized-regression
Yzerbyt-Muller-Batailler-et al-2018	Yzerbyt-Muller-Batailler-et al-2018	NULL
Zhang-Wang-2012	Zhang-Wang-2012	NULL

## References

- Biesanz, J. C., Falk, C. F., & Savalei, V. (2010). Assessing mediational models: Testing and interval estimation for indirect effects. *Multivariate Behavioral Research*, 45(4), 661–701. <https://doi.org/10.1080/00273171.2010.498292>
- Blanca, M., Arnau, J., López-Montiel, D., Bono, R., & Bendayan, R. (2013). Skewness and kurtosis in real data samples. *Methodology*, 9(2), 78–84. <https://doi.org/10.1027/1614-2241/a000057>
- Boettiger, C., & Eddelbuettel, D. (2017). An introduction to Rocker: Docker containers for R. *The R Journal*, 9(2), 527. <https://doi.org/10.32614/rj-2017-065>
- Chow, S.-M., Ho, M.-h. R., Hamaker, E. L., & Dolan, C. V. (2010). Equivalence and differences between structural equation modeling and state-space modeling techniques. *Structural Equation Modeling: A Multidisciplinary Journal*, 17(2), 303–332. <https://doi.org/10.1080/10705511003661553>
- Deboeck, P. R., & Preacher, K. J. (2015). No need to be discrete: A method for continuous time mediation analysis. *Structural Equation Modeling: A Multidisciplinary Journal*, 23(1), 61–75. <https://doi.org/10.1080/10705511.2014.973960>
- Dudgeon, P. (2017). Some improvements in confidence intervals for standardized regression coefficients. *Psychometrika*, 82(4), 928–951. <https://doi.org/10.1007/s11336-017-9563-z>
- Eddelbuettel, D., & François, R. (2011). Rcpp: Seamless R and C++ integration. *Journal of Statistical Software*, 40(8). <https://doi.org/10.18637/jss.v040.i08>
- Hayes, A. F., & Scharkow, M. (2013). The relative trustworthiness of inferential tests of the indirect effect in statistical mediation analysis. *Psychological Science*, 24(10), 1918–1927. <https://doi.org/10.1177/0956797613480187>
- Hunter, M. D. (2017). State space modeling in an open source, modular, structural equation modeling environment. *Structural Equation Modeling: A Multidisciplinary Journal*, 25(2), 307–324. <https://doi.org/10.1080/10705511.2017.1369354>

- Jones, J. A., & Waller, N. G. (2013). Computing confidence intervals for standardized regression coefficients. *Psychological Methods*, 18(4), 435–453. <https://doi.org/10.1037/a0033269>
- Jones, J. A., & Waller, N. G. (2015). The normal-theory and asymptotic distribution-free (ADF) covariance matrix of standardized regression coefficients: Theoretical extensions and finite sample behavior. *Psychometrika*, 80(2), 365–378. <https://doi.org/10.1007/s11336-013-9380-y>
- Koopman, J., Howe, M., Hollenbeck, J. R., & Sin, H.-P. (2015). Small sample mediation testing: Misplaced confidence in bootstrapped confidence intervals. *Journal of Applied Psychology*, 100(1), 194–202. <https://doi.org/10.1037/a0036635>
- Kurtzer, G. M., Sochat, V., & Bauer, M. W. (2017). Singularity: Scientific containers for mobility of compute (A. Gursoy, Ed.). *PLOS ONE*, 12(5), e0177459. <https://doi.org/10.1371/journal.pone.0177459>
- Kwan, J. L. Y., & Chan, W. (2011). Comparing standardized coefficients in structural equation modeling: A model reparameterization approach. *Behavior Research Methods*, 43(3), 730–745. <https://doi.org/10.3758/s13428-011-0088-6>
- Kwan, J. L. Y., & Chan, W. (2014). Comparing squared multiple correlation coefficients using structural equation modeling. *Structural Equation Modeling: A Multidisciplinary Journal*, 21(2), 225–238. <https://doi.org/10.1080/10705511.2014.882673>
- Merkel, D. (2014). Docker: Lightweight Linux containers for consistent development and deployment. *Linux Journal*, 2014(239), 2. <https://www.linuxjournal.com/content/docker-lightweight-linux-containers-consistent-development-and-deployment>
- Neale, M. C., Hunter, M. D., Pritikin, J. N., Zahery, M., Brick, T. R., Kirkpatrick, R. M., Estabrook, R., Bates, T. C., Maes, H. H., & Boker, S. M. (2015). OpenMx 2.0: Extended structural equation and statistical modeling. *Psychometrika*, 81(2), 535–549. <https://doi.org/10.1007/s11336-014-9435-8>
- Ou, L., Hunter, M. D., & Chow, S.-M. (2019). What’s for dynr: A package for linear and nonlinear dynamic modeling in R. *The R Journal*, 11(1), 91. <https://doi.org/10.32614/rj-2019-012>

- Preacher, K. J., & Selig, J. P. (2012). Advantages of monte carlo confidence intervals for indirect effects. *Communication Methods and Measures*, 6(2), 77–98. <https://doi.org/10.1080/19312458.2012.679848>
- Rosseel, Y. (2012). lavaan: An R package for structural equation modeling. *Journal of Statistical Software*, 48(2). <https://doi.org/10.18637/jss.v048.i02>
- Schouten, R. M., Lugtig, P., & Vink, G. (2018). Generating missing values for simulation purposes: A multivariate amputation procedure. *Journal of Statistical Computation and Simulation*, 88(15), 2909–2930. <https://doi.org/10.1080/00949655.2018.1491577>
- Tofighi, D., & Kelley, K. (2019). Indirect effects in sequential mediation models: Evaluating methods for hypothesis testing and confidence interval formation. *Multivariate Behavioral Research*, 55(2), 188–210. <https://doi.org/10.1080/00273171.2019.1618545>
- Tofighi, D., & MacKinnon, D. P. (2015). Monte Carlo confidence intervals for complex functions of indirect effects. *Structural Equation Modeling: A Multidisciplinary Journal*, 23(2), 194–205. <https://doi.org/10.1080/10705511.2015.1057284>
- van Buuren, S., & Groothuis-Oudshoorn, K. (2011). mice: Multivariate imputation by chained equations in R. *Journal of Statistical Software*, 45(3). <https://doi.org/10.18637/jss.v045.i03>
- Wu, W., & Jia, F. (2013). A new procedure to test mediation with missing data through nonparametric bootstrapping and multiple imputation. *Multivariate Behavioral Research*, 48(5), 663–691. <https://doi.org/10.1080/00273171.2013.816235>
- Yuan, K.-H., & Chan, W. (2011). Biases and standard errors of standardized regression coefficients. *Psychometrika*, 76(4), 670–690. <https://doi.org/10.1007/s11336-011-9224-6>
- Yzerbyt, V., Muller, D., Batailler, C., & Judd, C. M. (2018). New recommendations for testing indirect effects in mediational models: The need to report and test component paths. *Journal of Personality and Social Psychology*, 115(6), 929–943. <https://doi.org/10.1037/pspa0000132>
- Zhang, Z., & Wang, L. (2012). Methods for mediation analysis with missing data. *Psychometrika*, 78(1), 154–184. <https://doi.org/10.1007/s11336-012-9301-5>