Bibliography

- Almquist, Zack W. and Carter T. Butts (2018). "Dynamic network analysis with missing data: theory and methods". In: *Statistica Sinica* 28.3, pp. 1245–1264.
- Barabási, Albert-László and Réka Albert (1999). "Emergence of scaling in random networks". In: *science* 286.5439, pp. 509–512.
- Blau, Peter Michael (1977). Inequality and heterogeneity: A primitive theory of social structure. Vol. 7. Free Press New York.
- Block, Per, Christoph Stadtfeld, and Tom A.B. Snijders (2019). "Forms of dependence: Comparing SAOMs and ERGMs from basic principles". In: Sociological Methods & Research 48.1, pp. 202–239.
- Block, Per et al. (2018). "Change we can believe in: Comparing longitudinal network models on consistency, interpretability and predictive power". In: *Social Networks* 52, pp. 180–191.
- Block, Per et al. (2022). "Circular specifications and "predicting" with information from the future: Errors in the empirical SAOM–TERGM comparison of Leifeld & Cranmer". In: *Network Science* 10.1, pp. 3–14.
- Caimo, Alberto and Nial Friel (2011). "Bayesian inference for exponential random graph models". In: *Social Networks* 33.1, pp. 41–55.
- Caimo, Alberto and Nial Friel (2014). "Bergm: Bayesian exponential random graphs in R". In: Journal of Statistical Software 61, pp. 1–27.
- Coleman, James S. (1991). Grundlagen der Sozialtheorie. Handlungen und Handlungssysteme. Vol. 1. München: R. Oldenbourg Verlag.
- de la Haye, Kayla et al. (2017). "Analytic strategies for longitudinal networks with missing data". In: *Social networks* 50, pp. 17–25.
- Elmer, Timon, Kieran Mepham, and Christoph Stadtfeld (2020). "Students under lockdown: Comparisons of students' social networks and mental health before and during the COVID-19 crisis in Switzerland". In: *Plos one* 15.7, e0236337.
- Esser, Hartmut (2000). Soziologie. Spezielle Grundlagen. Opportunitäten und Restriktionen. Vol. 4. Frankfurt am Main and New York: Campus Verlag.
- Feld, Scott L. (1981). "The Focused Organization of Social Ties". In: American Journal of Sociology 86.5, pp. 1015–1035.

- Gile, Krista and Mark S. Handcock (2006). "Model-based assessment of the impact of missing data on inference for networks". In: Center for Statistics and the Social Sciences, University of Washington, Seattle, Working Paper 66. https://csss.uw.edu/Papers/wp66.pdf [Zul. abgerufen am: 09. Januar 2022].
- Granovetter, Mark S. (1973). "The strength of weak ties". In: American journal of sociology 78.6, pp. 1360–1380.
- Hanneke, Steve, Wenjie Fu, and Eric P. Xing (2010). "Discrete temporal models of social networks". In: *Electronic journal of statistics* 4, pp. 585–605.
- Hipp, John R. et al. (2015). "Research note: The consequences of different methods for handling missing network data in stochastic actor based models". In: *Social networks* 41, pp. 56–71.
- Huisman, Mark and Tom A.B. Snijders (2003). "Statistical analysis of longitudinal network data with changing composition". In: *Sociological methods & research* 32.2, pp. 253–287.
- Huisman, Mark and Christian Steglich (2008). "Treatment of non-response in longitudinal network studies". In: *Social networks* 30.4, pp. 297–308.
- Koskinen, Johan H., Garry L. Robins, and Philippa E. Pattison (2010). "Analysing exponential random graph (p-star) models with missing data using Bayesian data augmentation". In: *Statistical Methodology* 7.3, pp. 366–384.
- Krause, Robert W. (2019). Multiple Imputation for RSiena. URL: https://www.stats.ox.ac.uk/~snijders/siena/AdSUMMissingDataMD.html (visited on 06/24/2022).
- Krause, Robert W., Mark Huisman, and Tom A.B. Snijders (2018). "Multiple imputation for longitudinal network data". In: *Statistica Applicata-Italian Journal of Applied Statistics* 30.1, pp. 33–57.
- Krause, Robert W. et al. (2020). "Missing data in cross-sectional networks—An extensive comparison of missing data treatment methods". In: *Social Networks* 62, pp. 99–112.
- Krivitsky, Pavel N. and Mark S. Handcock (2014). "A separable model for dynamic networks". In: *Journal of the Royal Statistical Society. Series B, Statistical Methodology* 76.1, p. 29.
- Leifeld, Philip and Skyler J. Cranmer (2019). "A theoretical and empirical comparison of the temporal exponential random graph model and the stochastic actor-oriented model". In: *Network science* 7.1, pp. 20–51.

- Lemon, Jim et al. (Sept. 2021). *Package 'plotrix'*. https://cran.r-project.org/web/packages/plotrix/plotrix.pdf [Zul. abgerufen am: 25. Juli 2022].
- Lepkowski, James M. (1989). "Treatment of wave nonresponse in panel surveys". In: *Panel surveys*, pp. 348–374.
- Leszczensky, Lars and Sebastian Pink (2015). "Ethnic segregation of friendship networks in school: Testing a rational-choice argument of differences in ethnic homophily between classroom-and grade-level networks". In: *Social Networks* 42, pp. 18–26.
- Liu, Xian (2016). Methods and Applications of Longitudinal Data Analysis. Oxford: Academic Press.
- Pedersen, Thomas Lin (Feb. 2021). Package 'ggraph'. https://cran.r-project.org/web/packages/ggraph/ggraph.pdf [Zul. abgerufen am: 25. Juli 2022].
- Perc, Matjaž (2014). "The Matthew effect in empirical data". In: *Journal of The Royal Society Interface* 11.20140378.
- Price, Derek de Solla (1976). "A general theory of bibliometric and other cumulative advantage processes". In: *Journal of the American society for Information science* 27.5, pp. 292–306.
- R Core Team (2021). R: A Language and Environment for Statistical Computing. R Foundation for Statistical Computing. Vienna, Austria. URL: https://www.R-project.org/.
- Ripley, Ruth M. et al. (Oct. 2021). *Manual for RSiena*. 19th ed. University of Oxford/University of Groningen.
- Roth, Philip and Laura Göbel (2022). "Kontaktlos Kennenlernen". In: *Arbeit* 31.1-2, pp. 55–75.
- Rubin, Donald B. (1976). "Inference and missing data". In: *Biometrika* 63.3, pp. 581–592.
- (1988). "An overview of multiple imputation". In: Proceedings of the survey research methods section of the American statistical association. Citeseer, pp. 79–84.
- Snijders, Tom A.B. (1996). "Stochastic actor-oriented models for network change". In: Journal of mathematical sociology 21.1-2, pp. 149–172.
- (2001). "The statistical evaluation of social network dynamics". In: Sociological methodology 31.1, pp. 361–395.
- Snijders, Tom A.B. and Johan H. Koskinen (2013). "Longitudinal Models". In: Exponential random graph models for social networks: Theory, methods, and applications. Ed. by

- Dean Lusher, Johan H. Koskinen, and Garry Robins. Cambridge et al.: Cambridge University Press. Chap. 11, pp. 130–140.
- Snijders, Tom A.B. and Christian Steglich (2015). "Representing micro–macro linkages by actor-based dynamic network models". In: *Sociological methods & research* 44.2, pp. 222–271.
- Snijders, Tom A.B., Gerhard G. Van de Bunt, and Christian Steglich (2010). "Introduction to stochastic actor-based models for network dynamics". In: *Social networks* 32.1, pp. 44–60.
- Stadtfeld, Christoph et al. (2019). "Integration in emerging social networks explains academic failure and success". In: *Proceedings of the National Academy of Sciences* 116.3, pp. 792–797.
- Stadtfeld, Christoph et al. (2020). "Statistical power in longitudinal network studies". In: Sociological Methods & Research 49.4, pp. 1103–1132.
- Stauder, Johannes (2008). "Opportunitäten und Restriktionen des Kennenlernens". In: KZfSS Kölner Zeitschrift für Soziologie und Sozialpsychologie 60.2, pp. 266–286.
- (2014a). "Friendship networks and the social structure of opportunities for contact and interaction". In: Social science research 48, pp. 234–250.
- (2014b). "The Social Structure of Opportunities for Contact and Interaction and Strategies for Analysing Friendship Networks". In: Der Partnermarkt und die Gelegenheiten des Kennenlernens. Ed. by Armando Häring et al. Springer, pp. 221–241.
- Stauder, Johannes and Tom Kossow (2014). "Freundschaftsnetzwerke und sozialer Kontext". In: *Der Partnermarkt und die Gelegenheiten des Kennenlernens*. Ed. by Armando Häring et al. Springer, pp. 243–284.
- Stork, Diana and William D. Richards (1992). "Nonrespondents in communication network studies: Problems and possibilities". In: *Group & Organization Management* 17.2, pp. 193–209.
- The Statnet Development Team (July 2021a). Introduction to Exponential-family Random Graph Models with ergm. https://cran.r-project.org/web/packages/ergm/vignettes/ergm.pdf [Zul. abgerufen am: 06. Januar 2022].
- (June 2021b). Package 'Bergm'. https://cran.r-project.org/web/packages/Bergm/Bergm.pdf [Zul. abgerufen am: 25. Juli 2022].
- (July 2021c). Package 'ergm'. https://cran.r-project.org/web/packages/tergm/tergm.pdf [Zul. abgerufen am: 25. Juni 2022].

- The Statnet Development Team (July 2021d). Package 'ergm'. https://cran.r-project.org/web/packages/ergm/ergm.pdf [Zul. abgerufen am: 07. März 2022].
- Wang, Cheng et al. (2016). "Multiple imputation for missing edge data: a predictive evaluation method with application to add health". In: *Social networks* 45, pp. 89–98.
- Žnidaršič, Anja, Patrick Doreian, and Anuška Ferligoj (2012). "Absent ties in social networks, their treatments, and blockmodeling outcomes". In: *Advances in Methodology and Statistics* 9.2, pp. 119–138.