Further reading

- **[For applying generalized blockmodeling with blockmodeling R package]** Matjašič, M., Cugmas, M., & Žiberna, A. (2020). blockmodeling: An R package for Generalized Blockmodeling. *Advances in Methodology & Statistics / Metodoloski Zvezki*, *17*(2), 49–66. https://osf.io/preprints/socarxiv/b8cxp/ or https://eds.b.ebscohost.com/eds/detail/detail?vid=3&sid=81057c5f-609b-49ca-96fc-aa775cf2b2f6%40pdc-v-sessmgr01&bdata=Jmxhbmc9c2wmc2l0ZT1lZHMtbGl2ZQ%3d%3d#db=a9h&AN=149566077

- **[An overview of blockmodeling – no formulas]** Scott, J., & Carrington, P. J. (2011). *The SAGE handbook of social network analysis*. SAGE publications. (Chapter Partitions and Roles)

- **[The recent book on different types of blockmodeling]** Doreian, P., Batagelj, V., & Ferligoj, A. (Eds.). (2020). *Advances in Network Clustering and Blockmodeling*. John Wiley & Sons. https://www.wiley.com/en-si/Advances+in+Network+Clustering+and+Blockmodeling-p-9781119224709

- **[A very complete book on blockmodeling of binary networks]** Doreian, P., Batagelj, V., & Ferligoj, A. (2005). *Generalized blockmodeling* (No. 25). Cambridge university press. https://www.cambridge.org/core/books/generalized-blockmodeling/E9B040215C13C1819EA98F2F932BE0CE

- **[For applying blockmodeling with Pajek software]** Batagelj, V., Mrvar, A., Ferligoj, A., & Doreian, P. (2004). Generalized blockmodeling with Pajek. *Metodoloski zvezki*, *1*(2), 455-467. http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.1070.5170&rep=rep1&type=pdf

- **[Using Relative Fit for determining the number of clusters or blockmodel type]** Cugmas, M., Žiberna, A., & Ferligoj, A. (2021). The Relative Fit measure for evaluating a blockmodel. *Statistical Methods & Applications*, *30*(5), 1315-1335. https://link.springer.com/article/10.1007/s10260-021-00595-1

Example applications

- Cugmas, M., Ferligoj, A., Škerlavaj, M., & Žiberna, A. (2021). Global structures and local network mechanisms of knowledge-flow networks. *PloS one*, *16*(2), e0246660. https://doi.org/10.1371/journal.pone.0246660

- Cugmas, M., Ferligoj, A., & Kronegger, L. (2016). The stability of co-authorship structures. *Scientometrics*, *106*(1), 163-186. https://link.springer.com/article/10.1007/s11192-015-1790-4

- Glückler, J., & Panitz, R. (2016). Unpacking social divisions of labor in markets: Generalized blockmodeling and the network boom in stock photography. *Social Networks*, *47*, 156-166. https://www.sciencedirect.com/science/article/pii/S0378873316302714

- Conti, N., & Doreian, P. (2010). Social network engineering and race in a police academy: A longitudinal analysis. *Social networks*, *32*(1), 30-43. https://www.sciencedirect.com/science/article/pii/S037887330900046X

- Cugmas, M., Mali, F., & Žiberna, A. (2020). Scientific collaboration of researchers and organizations: a two-level blockmodeling approach. *Scientometrics*, *125*(3), 2471-2489. https://link.springer.com/article/10.1007/s11192-020-03708-x

- Kronegger, L., Ferligoj, A., & Doreian, P. (2011). On the dynamics of national scientific systems. *Quality & Quantity*, *45*(5), 989-1015. https://link.springer.com/article/10.1007/s11135-011-9484-3

- Chinchilla-Rodríguez, Z., Ferligoj, A., Miguel, S., Kronegger, L., & de Moya-Anegón, F. (2012). Blockmodeling of co-authorship networks in library and information science in Argentina: a case study. *Scientometrics*, *93*(3), 699-717. https://akjournals.com/view/journals/11192/93/3/article-p699.xml

- Laktić, T., Žiberna, A., Kogovšek, T., & Pezdevšek Malovrh, Š. (2020). Stakeholders' Social Network in the Participatory Process of Formulation of Natura 2000 Management Programme in Slovenia. *Forests*, *11*(3), 332. doi: 10.3390/f11030332

- Prezelj, I., Kopač, E., Svete, U., & Žiberna, A. (2012). Cross-Sectoral Scanning of Critical Infrastructures: From Functional Differences to Policy-Relevant Similarities. *Journal of Homeland Security and Emergency Management*, *9*(1). doi: 10.1515/1547-7355.1901

- Brusco, M., Doreian, P., & Steinley, D. (2021). Deterministic blockmodelling of signed and two-mode networks: A tutorial with software and psychological examples. *British Journal of Mathematical & Statistical Psychology*, *74*(1), 34–63. doi: 10.1111/bmsp.12192

- Rašković, M., Udovič, B., & Žnidaršič, A. (2015). Network analysis of inter-country export patterns in the EU. *Teorija in Praksa*, *52*(1/2), 150–174.

- Restaino, M., Vitale, M. P., & Primerano, I. (2020). Analysing International Student Mobility Flows in Higher Education: A Comparative Study on European Countries. *Social Indicators Research*, *149*(3), 947–965. doi: 10.1007/s11205-020-02282-2

Core (basic/original) papers on generalized blockmodeling:

- Batagelj, V. (1997). Notes on blockmodeling. *Social Networks*, *19*, 143–155.

- Batagelj, V., Doreian, P., & Ferligoj, A. (1992). An optimizational approach to regular equivalence. *Social Networks*, *14*, 121–135.

- Batagelj, V., Ferligoj, A., & Doreian, P. (1992). Direct and indirect methods for structural equivalence. *Social Networks*, *14*(1–2), 63–90. doi: 10.1016/0378-8733(92)90014-X

- Batagelj, V., Ferligoj, A., & Doreian, P. (1998). Fitting Pre-Specified Blockmodels. In C. Hayashi, K. Yajima, H. H. Bock, N. Ohsumi, Y. Tanaka, & Y. Baba (Eds.), *Data Science, Classification, and Related Methods* (pp. 199–206). Tokyo: Springer-Verlag.

- Doreian, P., Batagelj, V., & Ferligoj, A. (1994). Partitioning networks based on generalized concepts of equivalence. *The Journal of Mathematical Sociology*, *19*(1), 1–27. doi: 10.1080/0022250X.1994.9990133

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- Nordlund, C. (2016). A deviational approach to blockmodeling of valued networks. *Social Networks*, 44, 160–178. doi: 10.1016/j.socnet.2015.08.004

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