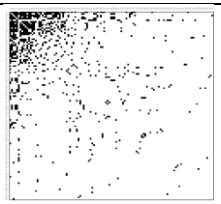
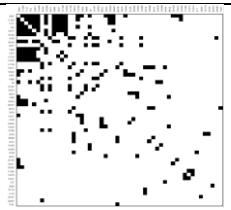
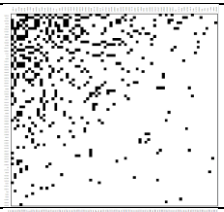
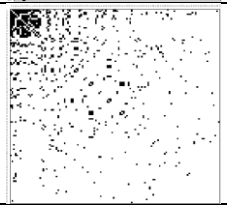
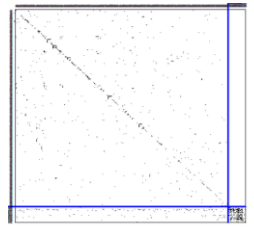
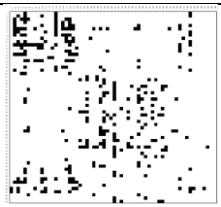
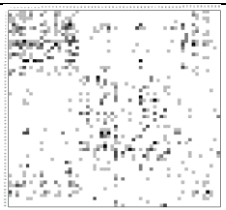
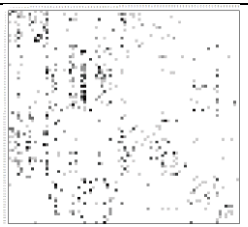
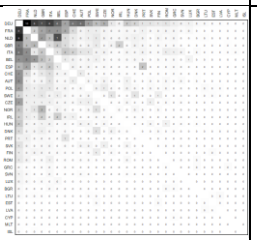
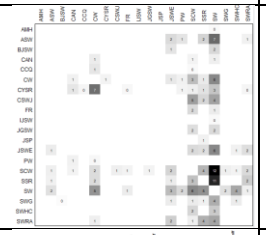
Folder Files	Scripts/problems	Description	Node	Link	Val-ued	Time	Size	Density	Figure	Additional data
SciCollaboration Networks/Bio1.net	SciCollaborationScript Apply pre-specified blockmodeling, with multi-core – semi-periphery structure.	Scientific collaboration in the field of biotechnology	Researcher	Co-authorship of at least one scientific bibliographic unit	No	1991-2000	119	0.06		
SciCollaboration Networks/Ele1.net	SciCollaborationScript Apply sum of squares homogeneity blockmodeling without specifying the parameter preSpecM and with preSpecM = 0.5. What do you notice?	Scientific collaboration in the field of electrical engineering	Researcher	Co-authorship of at least one scientific bibliographic unit	No	2001-2010	52	0.09		
SciCollaboration Networks/Ele2.net	No script available. By the help of SciCollaborationScript try to analyze the network by your own.	Scientific collaboration in the field of electrical engineering	Researcher	Co-authorship of at least one scientific bibliographic unit	No	2001-2010	71	0.10		
SciCollaboration Networks/Rep1.net		Scientific collaboration in the field of reproduction	Researcher	Co-authorship of at least one scientific bibliographic unit	No	1991-2000	128	0.06		
SciColaborationTwoLevel networkData.RDS	twoLevelBM.R Demonstrates using multilevel blockmodeling	Scientific collaboration among researchers in social sciences and their institutions	Researcher Institution	Researchers - Co-authorship Institutions – collaboration on research project Researcher-Institution - employment	No	2006–2015	Whole: 852 (788+64) 3-core: 190 (169+21) 5-core: 54 (44+20)	Whole: 852 (788 + 64) 3-core: 190 (169 + 21) 5-core: 54 (44+20)	Whole two-level network: 	Partition in researchers and institutions Field of researchers Fields of institutions

Folder Files	Scripts/problems	Description	Node	Link	Val-ued	Time	Size	Density	Figure	Additional data
KnowledgeFlow Networks/formalKnowledgeFlow2006	KnowledgeFlowScript Analyze the networks by using structural equivalency (null and complete blocks), regular equivalency (null, complete and regular blocks) and structural equivalency with considering different block weights (parameter blockTypeWeights).	Knowledge-flow in a Slovene company	Employee	Flow of knowledge (learning or advice)	No	2006	60	0.09		Business unit Tenure
KnowledgeFlow Networks/formalInformalKnowledgeFlow2006.RDS	No script available. Look at the visualized network. Which approach do you think is the most appropriate? Binarize networks and apply blockmodeling for binary networks. On valued networks, apply homogeneity and valued blockmodeling. Compare the results. Which result would you report in your study? Try with 5 or 6 clusters.	Formal and informal knowledge flow in a Slovene company	Employee	Flow of knowledge (socializing, sharing ideas, testing ideas, advice receiving, learning from)	Yes	2006	60	0.15 (of binarized network)		Business unit Tenure
KnowledgeFlow Networks/formalInformalKnowledgeFlow2007.RDS		Formal and informal knowledge flow in a Slovene company	Employee	Flow of knowledge (socializing, sharing ideas, testing ideas, advice receiving, teaching)	Yes	2007	80	0.08 (of binarized network)		Business unit Tenure

Folder Files	Scripts/problems	Description	Node	Link	Val-ued	Time	Size	Density	Figure	Additional data
EFTA efta.txt	Script comparing homogeneity blockmodeling on original and normalized (rows and columns sum to 1) data	Total bilateral commodity trade between the 30 countries within EU and EFTA for the year 2010	Country (from EFTA)	Total bilateral commodity trade	Yes	2010	30	0.998(full, two zero ties due to non-reporting of very small values)		
Baker baker_selfties.net	Script from tutorial/paper showing all generalized blockmodeling methods on one-mode data	Citations between the journals from the filed of social work	Journal from the field of social work	Citation	Yes	1985-1986	20	0.22 (binarized network)		
SAR_Texas texas.net (network) texasCounty.clu (partition)	Main workshop script showing all generalized blockmodeling methods on one-mode data	Emergent multi-organizational networks in the context of search and rescue activities	Organization	Communication between organizations	Yes	1978	25	0.30 (binarized network)		County
Sampson sampsonInTime.paj	Script showing preparation of linked network representing temporal network and blockmodeling it using generalized blockmodeling of linked networks.	Data from etnographic study of community structure in a New Englad monestary We have observations of the network in 5 points in time	Novice (a men preparing to join a monastic order)	Liking (who you like the most and who the least)	Yes (and signed)	1968	13 18 18 18 7	0.49 0.34 0.34 0.34 1	Second network: