NMI scores:

---Mixing parameter =0.1

----Fraction of overlapping nodes is 10%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_Sc_1_1Oct_2	0.92899	0.93907	0.95348	0.92901	0.98298
NetSz_Sc_1_1Oct_4	0.81659	0.81522	0.84011	0.87019	0.94172
NetSz_Sc_1_1Oct_6	0.82790	0.75827	0.78588	0.75691	0.85746
NetSz_Sc_1_1Oct_8	0.71795	0.65217	0.68953	0.67710	0.80309

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_Sc_1_1Oct_2	0.969575	0.649886	0.77162	0.899277
NetSz_Sc_1_1Oct_4	0.822414	0.527351	0.73419	0.761502
NetSz_Sc_1_1Oct_6	0.737767	0.500544	0.60801	0.68066
NetSz_Sc_1_1Oct_8	0.655077	0.448506	0.18666	0.585428

----Fraction of overlapping nodes is 50%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_Sc_1_50ct_2	0.51331	0.51537	0.62161	0.59852	0.64198
NetSz_Sc_1_50ct_4	0.26024	0.22865	0.29831	0.26795	0.34247
NetSz_Sc_1_50ct_6	0.14229	0.09509	0.13507	0.15724	0.21113
NetSz_Sc_1_50ct_8	0.10561	0.04579	0.08565	0.07049	0.14505

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_Sc_1_50ct_2	0.82233	0.504586	0.15835	0.684187
NetSz_Sc_1_50ct_4	0.357438	0.312927	0	0.19516
NetSz_Sc_1_50ct_6	0.149369	0.132808	0	0.214275
NetSz_Sc_1_50ct_8	0.0447476	0.0536291	0	0.107366

---Mixing parameter =0.3

----Fraction of overlapping nodes is 10%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_Sc_3_1Oct_2	0.79057	0.82841	0.88200	0.91989	0.94217
NetSz_Sc_3_1Oct_4	0.71511	0.72948	0.79618	0.82123	0.89707
NetSz_Sc_3_1Oct_6	0.64638	0.65814	0.71281	0.72776	0.81743
NetSz_Sc_3_1Oct_8	0.54299	0.57256	0.67451	0.66768	0.74276

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_Sc_3_1Oct_2	0.930115	0.488839	0.50056	0.626628
NetSz_Sc_3_1Oct_4	0.742555	0.472775	0.30732	0.569218
NetSz_Sc_3_1Oct_6	0.657766	0.433191	0.11457	0.485207
NetSz_Sc_3_1Oct_8	0.604579	0.382747	0.02675	0.46998

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_Sc_3_50ct_2	0.36773	0.38684	0.51798	0.45666	0.53724
NetSz_Sc_3_50ct_4	0.11204	0.13043	0.21976	0.14070	0.21837
NetSz_Sc_3_50ct_6	0.05906	0.03930	0.10515	0.05836	0.11665
NetSz_Sc_3_50ct_8	0.03994	0.01671	0.05438	0.04295	0.07323

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_Sc_3_50ct_2	0.601608	0.422349	0	0.393185
NetSz_Sc_3_50ct_4	0.121514	0.142584	0	0.120246
NetSz_Sc_3_50ct_6	0.0536671	0.0294424	0.00404	0.0636708
NetSz_Sc_3_50ct_8	0.0643481	0.0114712	0.00111	0.00710516

–Big communities =20–100

–––Mixing parameter =0.1

----Fraction of overlapping nodes is 10%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_bc_1_10ct_2	0.93953	0.93103	0.95092	0.99112	0.99883
NetSz_bc_1_10ct_4	0.80802	0.79501	0.87709	0.87843	0.97036
NetSz_bc_1_10ct_6	0.76272	0.72116	0.83092	0.82709	0.92390
NetSz_bc_1_10ct_8	0.71961	0.65366	0.77682	0.76826	0.88575

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_bc_1_10ct_2	0.958401	0.451844	0.79742	0.87839
NetSz_bc_1_10ct_4	0.799394	0.418279	0.74164	0.691654
NetSz_bc_1_10ct_6	0.717614	0.391865	0.58872	0.646431
NetSz_bc_1_10ct_8	0.641669	0.291352	0.16224	0.552971

----Fraction of overlapping nodes is 50%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_bc_1_50ct_2	0.46126	0.45828	0.61926	0.60118	0.63695
NetSz_bc_1_50ct_4	0.22282	0.17452	0.29890	0.22696	0.34787
NetSz_bc_1_50ct_6	0.13096	0.09102	0.15837	0.14352	0.19255
NetSz_bc_1_50ct_8	0.07264	0.03202	0.07110	0.05141	0.11183

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_bc_1_50ct_2	0.754994	0.350304	0	0.560976
NetSz_bc_1_50ct_4	0.268454	0.183268	0	0.330026
NetSz_bc_1_50ct_6	0.0489438	0.0201541	0	0.183303
NetSz_bc_1_50ct_8	0.0680175	0.00940638	0	0.0720705

----Fraction of overlapping nodes is 10%

	SLPA 0.30	PCSLPA%1	PCSLPA%5 0.21	ACSLPA%0.5	ACSLPA%1
NetSz_bc_3_10ct_2	0.81680	0.81865	0.91926	0.98119	0.99028
NetSz_bc_3_10ct_4	0.65676	0.67274	0.80426	0.83002	0.87164
NetSz_bc_3_10ct_6	0.59511	0.59212	0.76101	0.72428	0.80397
NetSz_bc_3_10ct_8	0.50661	0.52631	0.69578	0.61848	0.77351

	OSLOM	MOSES	COPRA	BIGCLAM2
NetSz_bc_3_10ct_2	0.844164	0.313105	0.05418	0.428628
NetSz_bc_3_10ct_4	0.695451	0.266236	0.02372	0.317655
NetSz_bc_3_10ct_6	0.631302	0.251184	0	0.368389
NetSz_bc_3_10ct_8	0.551962	0.201761	0.02205	0.307554

----Fraction of overlapping nodes is 50%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_bc_3_50ct_2	0.25001	0.22979	0.50371	0.30741	0.40820
NetSz_bc_3_50ct_4	0.07440	0.07012	0.23849	0.06826	0.14460
NetSz_bc_3_50ct_6	0.00660	0.01545	0.09691	0.03676	0.09012
NetSz_bc_3_50ct_8	0.03391	0.00481	0.04660	0.02905	0.04856

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_bc_3_50ct_2	0.559364	0.141647	0	0.259656
NetSz_bc_3_50ct_4	0.0928369	0.132073	0	0.0899013
NetSz_bc_3_50ct_6	0.0102457	1.11022e-16	0	0.0230924
NetSz_bc_3_50ct_8	5.55112e-17	1.11022e-16	0.00022	5.55112e-17

Big size network:5000
–Small communities =10–50
–––Mixing parameter =0.1
––––Fraction of overlapping nodes is 10%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_Sc_1_10ct_2	0.90592	0.91673	0.93779	0.97837	0.97982
Netbz_Sc_1_10ct_4	0.82314	0.82045	0.85146	0.96776	0.95217
Netbz_Sc_1_10ct_6	0.78172	0.74811	0.78476	0.88406	0.92471
Netbz_Sc_1_10ct_8	0.75281	0.68404	0.71337	0.80216	0.88709

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_Sc_1_10ct_2	0.980823	0.743983	0.75233	0.687199
Netbz_Sc_1_10ct_4	0.869154	0.662707	0.75069	0.644087
Netbz_Sc_1_10ct_6	0.772114	0.594899	0.65569	0.606083
Netbz_Sc_1_10ct_8	0.699934	0.532479	0.48391	0.575506

––––Fraction of overlapping nodes is 50%

Repeat this all	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_Sc_1_50ct_2	0.51724	0.54484	0.62648	0.72786	0.89662
Netbz_Sc_1_50ct_4	0.20338	0.20132	0.28005	0.30178	0.86157
Netbz_Sc_1_50ct_6	0.11367	0.09343	0.14502	0.19181	0.48553
Netbz_Sc_1_50ct_8	0.07577	0.05041	0.08919	0.14149	0.16409

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_Sc_1_50ct_2	0.873993	0.603414	0.46642	0.49777
Netbz_Sc_1_50ct_4	0.34306	0.366115	0.01646	0.355421
Netbz_Sc_1_50ct_6	0.100649	0.135177	0	0.196483
Netbz_Sc_1_50ct_8	0.0510923	0.0549618	0.00356	0.0890192

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_Sc_3_10ct_2	0.84162	0.86794	0.90686	0.98380	0.98226
Netbz_Sc_3_10ct_4	0.74106	0.75437	0.80252	0.92993	0.93988
Netbz_Sc_3_10ct_6	0.68667	0.68014	0.74111	0.81348	0.90874
Netbz_Sc_3_10ct_8	0.60140	0.58755	0.67801	0.70142	0.83362

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_Sc_3_10ct_2	0.938019	0.676299	0.57767	0.329628
Netbz_Sc_3_10ct_4	0.810634	0.572885	0.52232	0.312265
Netbz_Sc_3_10ct_6	0.703323	0.530725	0.37789	0.254162
Netbz_Sc_3_10ct_8	0.632107	0.449201	0.24375	0.210338

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_Sc_3_50ct_2	0.51724	0.43220	0.48052	0.62367	0.83167
Netbz_Sc_3_50ct_4	0.20338	0.13639	0.23033	0.28216	0.42920
Netbz_Sc_3_50ct_6	0.11367	0.04300	0.11402	0.15690	0.24467
Netbz_Sc_3_50ct_8	0.07577	0.02433	0.07475	0.12490	0.18425

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_Sc_3_50ct_2	0.660715	0.552813	0.05363	0.152607
Netbz_Sc_3_50ct_4	0.124808	0.199355	0.00162	0.0315287
Netbz_Sc_3_50ct_6	0.0283674	0.0608903	0.00435	0.0344947
Netbz_Sc_3_50ct_8	0.0285969	0.0193665	0.00222	0.0164385

–big communities =20–100
–––Mixing parameter =0.1
————Fraction of overlapping nodes is 10%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_bc_1_10ct_2	0.93842	0.93849	0.95081	0.98844	0.98776
Netbz_bc_1_10ct_4	0.85208	0.83696	0.88903	0.96799	0.96843
Netbz_bc_1_10ct_6	0.82663	0.76836	0.85071	0.92960	0.91797
Netbz_bc_1_10ct_8	0.77882	0.69827	0.80427	0.86213	0.86048

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_bc_1_10ct_2	0.980649	0.560476	0.81135	0.6845
Netbz_bc_1_10ct_4	0.846343	0.553972	0.80868	0.611911
Netbz_bc_1_10ct_6	0.763415	0.432704	0.73074	0.593425
Netbz_bc_1_10ct_8	0.696602	0.416899	0.59689	0.474535

————Fraction of overlapping nodes is 50%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_bc_1_50ct_2	0.54585	0.53484	0.67582	0.77528	0.92176
Netbz_bc_1_50ct_4	0.20573	0.21183	0.37303	0.39015	0.57276
Netbz_bc_1_50ct_6	0.12028	0.09003	0.21893	0.25854	0.34004
Netbz_bc_1_50ct_8	0.09246	0.04776	0.12836	0.18201	0.23508

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_bc_1_50ct_2	0.860812	0.477349	0.55348	0.526436
Netbz_bc_1_50ct_4	0.355943	0.183722	0.01236	0.264735
Netbz_bc_1_50ct_6	0.0743087	0.0285857	0	0.156899
Netbz_bc_1_50ct_8	0.0442017	0.00948868	0.00471	0.131106

----Fraction of overlapping nodes is 10%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_bc_3_10ct_2	0.84120	0.84662	0.90757	0.98838	0.98956
Netbz_bc_3_10ct_4	0.75126	0.75312	0.83589	0.94885	0.93943
Netbz_bc_3_10ct_6	0.68258	0.68811	0.80049	0.86845	0.85702
Netbz_bc_3_10ct_8	0.62870	0.62283	0.75815	0.77679	0.82904

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_bc_3_10ct_2	0.936793	0.497484	0.56666	0.223677
Netbz_bc_3_10ct_4	0.795995	0.432797	0.48243	0.194948
Netbz_bc_3_10ct_6	0.71178	0.35778	0.35484	0.118567
Netbz_bc_3_10ct_8	0.650947	0.307918	0.25307	0.104955

----Fraction of overlapping nodes is 50%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_bc_3_50ct_2	0.38052	0.39913	0.57289	0.66095	0.89081
Netbz_bc_3_50ct_4	0.08894	0.09484	0.28418	0.26495	0.47594
Netbz_bc_3_50ct_6	0.04214	0.02530	0.16291	0.18600	0.28696
Netbz_bc_3_50ct_8	0.02748	0.00918	0.09156	0.13033	0.19287

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_bc_3_50ct_2	0.71036	0.337768	0	0.14093
Netbz_bc_3_50ct_4	0.118718	0.075577	0	0.0311308
Netbz_bc_3_50ct_6	0.0359486	0.00804416	0.00404	0.0161002
Netbz_bc_3_50ct_8	0.0292413	0.00314257	0.00111	0.00820704

	PCSLAP 1%	PCSLAP 5%	ACSLPA 0.5%	ACSLPA 1%	SLPA	OSLOM	MOSES	COPRA	BIGCLAM
amazon	0.9612	0.9723	0.9882	0.9892	0.9568	0.966775	0.9084	0.96479	0.022738
youtube	0.6011	0.6439	0.8831	0.9337	0.6296	0.448955	0.4209	0.19077	0.338526
dblp	0.9059	0.9326	0.9845	0.9852	0.8972	0.847154	0.7707	0.91364	0.872875

F-score:

---Mixing parameter =0.1

----Fraction of overlapping nodes is 10%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_Sc_1_10ct_2	0.79277	0.78300	0.79350	0.82148	0.98320
NetSz_Sc_1_10ct_4	0.82254	0.79373	0.87073	0.73395	0.87788
NetSz_Sc_1_10ct_6	0.91436	0.80917	0.91188	0.59243	0.71727
NetSz_Sc_1_10ct_8	0.76114	0.72769	0.84988	0.57079	0.67988

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_Sc_1_10ct_2	0.816568	0.4624999	0.2128	0.6483170
NetSz_Sc_1_10ct_4	0.5714286	0.32218845	0.23511	0.6303684
NetSz_Sc_1_10ct_6	0.2735043	0.25694444	0.22082	0.6578857
NetSz_Sc_1_10ct_8	0.2698413	0.27561838	0.07597	0.6290294

----Fraction of overlapping nodes is 50%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_Sc_1_50ct_2	0.63830	0.63404	0.67835	0.77330	0.81135
NetSz_Sc_1_50ct_4	0.72490	0.70295	0.69259	0.71352	0.77510
NetSz_Sc_1_50ct_6	0.61424	0.67021	0.61634	0.52464	0.69028
NetSz_Sc_1_50ct_8	0.31265	0.65936	0.67767	0.60452	0.69594

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_Sc_1_50ct_2	0.76237623	0.70613562	0.12127	0.7430555
NetSz_Sc_1_50ct_4	0.382165605	0.50599201	0.00000	0.5785997
NetSz_Sc_1_50ct_6	0.245161290	0.44077134986	0.00000	0.6604215
NetSz_Sc_1_50ct_8	0.157377049	0.3298033282	0.00000	0.5837320

---Mixing parameter =0.3

----Fraction of overlapping nodes is 10%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_Sc_3_10ct_2	0.48749	0.49965	0.63939	0.75504	0.82748
NetSz_Sc_3_10ct_4	0.67207	0.61954	0.76098	0.72853	0.83284
NetSz_Sc_3_10ct_6	0.65936	0.65246	0.73513	0.66970	0.74738
NetSz_Sc_3_10ct_8	0.60880	0.59473	0.81037	0.64110	0.66437

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_Sc_3_10ct_2	0.616352201	0.2996742671	0.11356	0.339332
NetSz_Sc_3_10ct_4	0.2564102564	0.2629482071	0.09215	0.3148148
NetSz_Sc_3_10ct_6	0.1565217391	0.1959183673	0.00000	0.2877193
NetSz_Sc_3_10ct_8	0.0909090909	0.1487603306	0.00929	0.2857143

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_Sc_3_50ct_2	0.59422	0.55603	0.57426	0.71576	0.75260
NetSz_Sc_3_50ct_4	0.22653	0.59083	0.55116	0.56645	0.53142
NetSz_Sc_3_50ct_6	0.23959	0.52088	0.43433	0.36211	0.39428
NetSz_Sc_3_50ct_8	0.17518	0.50191	0.37945	0.44534	0.47935

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_Sc_3_50ct_2	0.48036254	0.4469274	0.0000	0.57756563
NetSz_Sc_3_50ct_4	0.186119874	0.3755459	0.0000	0.48628428
NetSz_Sc_3_50ct_6	0.095238095	0.2955975	0.0000	0.52019002
NetSz_Sc_3_50ct_8	0.040441176	0.19966722	0.00216	0.45128205

–Big communities =20–100

–––Mixing parameter =0.1

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_bc_1_10ct_2	0.79395	0.80962	0.86391	0.99408	0.99701
NetSz_bc_1_10ct_4	0.80270	0.82632	0.91641	0.79888	0.98447
NetSz_bc_1_10ct_6	0.83260	0.86905	0.92314	0.85536	0.94086
NetSz_bc_1_10ct_8	0.87809	0.85783	0.90231	0.81627	0.96509

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_bc_1_10ct_2	0.837209302	0.32432432	0.23397	0.654545455
NetSz_bc_1_10ct_4	0.554054054	0.25368732	0.23138	0.32653061
NetSz_bc_1_10ct_6	0.305084746	0.21359223	0.21734	0.362831858
NetSz_bc_1_10ct_8	0.198198198	0.19937695	0.10751	0.313099042

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_bc_1_50ct_2	0.64904	0.65711	0.74434	0.75082	0.81554
NetSz_bc_1_50ct_4	0.70966	0.69233	0.75347	0.65876	0.77807
NetSz_bc_1_50ct_6	0.69519	0.70376	0.71691	0.60409	0.70461
NetSz_bc_1_50ct_8	0.56298	0.68463	0.69184	0.43244	0.64653

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_bc_1_50ct_2	0.60167130	0.57073760	0.00000	0.641203704
NetSz_bc_1_50ct_4	0.28947368	0.37931034	0.00000	0.54838710
NetSz_bc_1_50ct_6	0.24923077	0.33139535	0.00000	0.531835205
NetSz_bc_1_50ct_8	0.09225092	0.25082508	0.00000	0.50639386

---Mixing parameter =0.3

----Fraction of overlapping nodes is 10%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_bc_3_10ct_2	0.57081	0.52404	0.72356	0.93970	0.98630
NetSz_bc_3_10ct_4	0.58106	0.61321	0.71825	0.82905	0.85965
NetSz_bc_3_10ct_6	0.60099	0.64005	0.75894	0.75258	0.73311
NetSz_bc_3_10ct_8	0.65335	0.68098	0.70525	0.78720	0.90472

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_bc_3_10ct_2	0.4697987	0.2	0.01242	0.20930233
NetSz_bc_3_10ct_4	0.2794118	0.1769231	0.05165	0.17922607
NetSz_bc_3_10ct_6	0.1818182	0.1452991	0.00000	0.2434211
NetSz_bc_3_10ct_8	0.0360360	0.1551020	0.00000	0.25165563

----Fraction of overlapping nodes is 50%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_bc_3_50ct_2	0.49183	0.51780	0.64677	0.53019	0.62681
NetSz_bc_3_50ct_4	0.20042	0.55439	0.69016	0.35673	0.56585
NetSz_bc_3_50ct_6	0.12938	0.51987	0.62084	0.32749	0.34386
NetSz_bc_3_50ct_8	0.19908	0.52826	0.58250	0.35927	0.47180

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_bc_3_50ct_2	0.38862559	0.286594761	0.0000	0.51605232
NetSz_bc_3_50ct_4	0.10370370	0.162544170	0.0000	0.480793061
NetSz_bc_3_50ct_6	0.03795066	0.079395085	0.0000	0.48395062
NetSz_bc_3_50ct_8	0.02597403	0.194630872	0.0000	0.47979796

----Fraction of overlapping nodes is 10%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_Sc_1_10ct_2	0.71242	0.68112	0.75951	0.97668	0.97516
Netbz_Sc_1_10ct_4	0.75828	0.73481	0.82100	0.89662	0.82106
Netbz_Sc_1_10ct_6	0.76517	0.72238	0.86356	0.66139	0.80222
Netbz_Sc_1_10ct_8	0.78140	0.71906	0.86242	0.52125	0.71595

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_Sc_1_10ct_2	0.8888888	0.54116059	0.2142	0.39688042
Netbz_Sc_1_10ct_4	0.6515354	0.42713955	0.22375	0.39593048
Netbz_Sc_1_10ct_6	0.4759036	0.39084507	0.22224	0.37084501
Netbz_Sc_1_10ct_8	0.3468395	0.33333333	0.14729	0.33805889

----Fraction of overlapping nodes is 50%

Repeat this all	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_Sc_1_50ct_2	0.63720	0.63810	0.66705	0.84205	0.95375
Netbz_Sc_1_50ct_4	0.71162	0.70092	0.69046	0.79560	0.81872
Netbz_Sc_1_50ct_6	0.71267	0.68667	0.65016	0.75800	0.78126
Netbz_Sc_1_50ct_8	0.71670	0.67072	0.60710	0.74187	0.77623

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_Sc_1_50ct_2	0.8238329814684494	0.786995989022588	0.40217	0.8048423
Netbz_Sc_1_50ct_4	0.49941995359628766	0.575116159008777	0.00000	0.7683333
Netbz_Sc_1_50ct_6	0.28980788016932596	0.454467599200685	0.00000	0.7633882
Netbz_Sc_1_50ct_8	0.18956699624957382	0.374618669920683	0.02356	0.6996688

----Fraction of overlapping nodes is 10%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_Sc_3_10ct_2	0.48316	0.51097	0.60170	0.95767	0.95191
Netbz_Sc_3_10ct_4	0.63087	0.60955	0.72253	0.78085	0.80848
Netbz_Sc_3_10ct_6	0.70359	0.63361	0.76743	0.52503	0.79729
Netbz_Sc_3_10ct_8	0.68507	0.61641	0.80835	0.43630	0.61070

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_Sc_3_10ct_2	0.70051	0.39425	0.13020	0.2091536691383278
Netbz_Sc_3_10ct_4	0.41390	0.32691	0.13753	0.20989803531459839
Netbz_Sc_3_10ct_6	0.28571	0.28831	0.10504	0.2110448535130931
Netbz_Sc_3_10ct_8	0.20305	0.24156	0.07807	0.22404820597096686

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_Sc_3_50ct_2	0.56856	0.55711	0.59693	0.81299	0.91482
Netbz_Sc_3_50ct_4	0.66680	0.59246	0.55713	0.79460	0.82853
Netbz_Sc_3_50ct_6	0.63796	0.51295	0.49168	0.76474	0.79252
Netbz_Sc_3_50ct_8	0.61334	0.44733	0.44298	0.75761	0.79098

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_Sc_3_50ct_2	0.6212489862	0.59226804	0.1329	0.64832
Netbz_Sc_3_50ct_4	0.2689790576	0.42348131	0.00000	0.63037
Netbz_Sc_3_50ct_6	0.1369394043	0.32340698	0.02160	0.62903
Netbz_Sc_3_50ct_8	0.1163032191	0.26723293	0.00996	0.65789

—big communities =20-100
———Mixing parameter =0.1

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_bc_1_10ct_2	0.77219	0.77008	0.82458	0.96590	0.97488
Netbz_bc_1_10ct_4	0.81373	0.80198	0.89437	0.90653	0.89125
Netbz_bc_1_10ct_6	0.88687	0.83054	0.91940	0.90663	0.85546
Netbz_bc_1_10ct_8	0.87159	0.81471	0.91747	0.79040	0.75075

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_bc_1_10ct_2	0.90496760	0.430769231	0.22377	0.32445
Netbz_bc_1_10ct_4	0.598105548	0.306358382	0.22779	0.36818
Netbz_bc_1_10ct_6	0.350819672	0.233226837	0.23290	0.36612
Netbz_bc_1_10ct_8	0.280821918	0.204643164	0.17064	0.32445

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_bc_1_50ct_2	0.68025	0.68593	0.76844	0.87930	0.96663
Netbz_bc_1_50ct_4	0.73509	0.71355	0.79269	0.80795	0.85561
Netbz_bc_1_50ct_6	0.75810	0.70032	0.78457	0.78165	0.81088
Netbz_bc_1_50ct_8	0.75927	0.66895	0.74813	0.76985	0.79564

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_bc_1_50ct_2	0.75958702	0.65494405	0.4149	0.73915
Netbz_bc_1_50ct_4	0.476247386	0.464575446	0.00000	0.69213
Netbz_bc_1_50ct_6	0.245768450	0.364111498	0.00000	0.70568
Netbz_bc_1_50ct_8	0.163617535	0.287172942	0.00000	0.71068

---Mixing parameter =0.3
----Fraction of overlapping nodes is 10%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_bc_3_10ct_2	0.51720	0.52104	0.62618	0.94833	0.95707
Netbz_bc_3_10ct_4	0.65613	0.60472	0.71341	0.88846	0.81407
Netbz_bc_3_10ct_6	0.71834	0.66487	0.77990	0.78429	0.69329
Netbz_bc_3_10ct_8	0.73521	0.68352	0.79690	0.65448	0.70973

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_bc_3_10ct_2	0.699878493	0.32866044	0.13437	0.7392
Netbz_bc_3_10ct_4	0.360305344	0.23891403	0.13760	0.6921
Netbz_bc_3_10ct_6	0.207253886	0.17652411	0.10974	0.7057
Netbz_bc_3_10ct_8	0.147217235	0.15909091	0.09565	0.7107

----Fraction of overlapping nodes is 50%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_bc_3_50ct_2	0.59016	0.56035	0.67294	0.83765	0.94331
Netbz_bc_3_50ct_4	0.66534	0.55583	0.71946	0.77455	0.83838
Netbz_bc_3_50ct_6	0.66067	0.49578	0.70861	0.76762	0.80847
Netbz_bc_3_50ct_8	0.62526	0.42691	0.66060	0.75978	0.79090

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_bc_3_50ct_2	0.61388286	0.437288136	0.00000	0.5887
Netbz_bc_3_50ct_4	0.22962963	0.315465188	0.00000	0.6166
Netbz_bc_3_50ct_6	0.10504202	0.229862475	0.04660	0.6196
Netbz_bc_3_50ct_8	0.07520993	0.196943973	0.01686	0.5785

	PCSLAP1%	PCSLAP5%	ACSLPA0.5%	ACSLPA1%	SLPA	OSLOM	MOSES	COPRA	BIGCLAM
amazon	0.0404	0.0643	0.0095	0.0100	0.0078	0.0029	0.1143	0.0210	0.3228
youtube	0.1335	0.1941	0.4504	0.6755	0.0518	0.1192	0.3556	0.0512	0.3614
dblp	0.0888	0.1923	0.5050	0.5199	0.0248	0.2534	0.2462	0.1203	0.1647

% of coverage:

Small size network:1000
–Small communities =10–50

–––Mixing parameter =0.1

––––Fraction of overlapping nodes is 10%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_Sc_1_10ct_2	100.00000	99.83000	99.73000	99.72000	100.00000
NetSz_Sc_1_10ct_4	100.00000	99.82000	99.56000	99.97000	99.97000
NetSz_Sc_1_10ct_6	100.00000	99.63000	99.48000	99.90000	99.41000
NetSz_Sc_1_10ct_8	100.00000	99.67000	99.51000	99.98000	99.76000

	OSLOM	MOSES	COPRA	BIGCLAM	BIGCLAM2
NetSz_Sc_1_10ct_2	100.0	98.6	100.0	98.7	98.0
NetSz_Sc_1_10ct_4	100.0	97.6	100.0	99.1	98.0
NetSz_Sc_1_10ct_6	100.0	95.8	100.0	98.4	92.10
NetSz_Sc_1_10ct_8	100.0	97.399	100.0	97.6	95.1

––––Fraction of overlapping nodes is 50%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_Sc_1_50ct_2	100.00000	99.13000	99.12000	99.85000	99.50000
NetSz_Sc_1_50ct_4	100.00000	99.13000	97.93000	99.12000	99.22000
NetSz_Sc_1_50ct_6	100.00000	97.95000	96.05000	91.05000	95.90000
NetSz_Sc_1_50ct_8	100.00000	97.67000	97.01000	94.54000	92.61000

	OSLOM	MOSES	COPRA	BIGCLAM	BIGCLAM2
NetSz_Sc_1_50ct_2	100.0	95.1	100.0	97.7	97.399
NetSz_Sc_1_50ct_4	100.0	77.4	100.0	92.2	79.4
NetSz_Sc_1_50ct_6	100.0	67.6000	100.0	90.60	83.0
NetSz_Sc_1_50ct_8	100.0	57.9999	100.0	87.2	80.9

–––Mixing parameter =0.3

––––Fraction of overlapping nodes is 10%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_Sc_3_10ct_2	100.00000	99.40000	99.05000	99.98000	99.30000
NetSz_Sc_3_10ct_4	100.00000	99.47000	98.88000	99.98000	99.80000
NetSz_Sc_3_10ct_6	100.00000	99.47000	98.99000	99.97000	99.99000
NetSz_Sc_3_10ct_8	99.98000	99.24000	99.28000	99.97000	99.96000

	OSLOM	MOSES	COPRA	BIGCLAM	BIGCLAM2
NetSz_Sc_3_10ct_2	100.0	90.8	100.0	96.6	91.2
NetSz_Sc_3_10ct_4	100.0	86.6	100.0	96.399	90.7
NetSz_Sc_3_10ct_6	100.0	86.2	100.0	92.600	88.7
NetSz_Sc_3_10ct_8	100.0	88.1	100.0	94.5	91.3

----Fraction of overlapping nodes is 50%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_Sc_3_50ct_2	100.00000	97.44000	95.77000	99.45000	99.42000
NetSz_Sc_3_50ct_4	100.00000	94.81000	88.67000	96.40000	98.64000
NetSz_Sc_3_50ct_6	100.00000	90.17000	78.92000	91.31000	98.22000
NetSz_Sc_3_50ct_8	100.00000	87.62000	74.78000	86.89000	95.39000

	OSLOM	MOSES	COPRA	BIGCLAM	BIGCLAM2
NetSz_Sc_3_50ct_2	100.0	74.0	100.0	92.4	85.0
NetSz_Sc_3_50ct_4	100.0	61.3	100.0	87.0	73.9
NetSz_Sc_3_50ct_6	100.0	48.1	100.0	85.3	76.9
NetSz_Sc_3_50ct_8	100.0	40.0	100.0	84.8999	70.5

–Big communities =20–100

–––Mixing parameter =0.1

----Fraction of overlapping nodes is 10%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_bc_1_10ct_2	100.00000	99.92000	99.79000	99.90000	100.00000
NetSz_bc_1_10ct_4	100.00000	99.73000	99.84000	100.00000	100.00000
NetSz_bc_1_10ct_6	100.00000	99.54000	99.73000	100.00000	99.90000
NetSz_bc_1_10ct_8	100.00000	99.63000	99.95000	100.00000	99.96000

	OSLOM	MOSES	COPRA	BIGCLAM	BIGCLAM2
NetSz_bc_1_10ct_2	100.0	96.899	100.0	96.8	93.0
NetSz_bc_1_10ct_4	100.0	93.2	100.0	96.8	93.100
NetSz_bc_1_10ct_6	100.0	93.0	100.0	95.7	92.0
NetSz_bc_1_10ct_8	100.0	94.1	100.0	95.89	92.60

----Fraction of overlapping nodes is 50%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_bc_1_50ct_2	100.00000	98.81000	99.16000	99.65000	99.52000
NetSz_bc_1_50ct_4	100.00000	98.74000	97.88000	95.95000	97.63000
NetSz_bc_1_50ct_6	100.00000	98.46000	96.41000	95.14000	92.24000
NetSz_bc_1_50ct_8	100.00000	97.45000	94.95000	83.01000	93.08000

	OSLOM	MOSES	COPRA	BIGCLAM	BIGCLAM2
NetSz_bc_1_50ct_2	100.0	83.5	100.0	93.0	89.0
NetSz_bc_1_50ct_4	100.0	65.8	100.0	91.0	75.8
NetSz_bc_1_50ct_6	100.0	59.4	100.0	88.4	76.4
NetSz_bc_1_50ct_8	100.0	44.2	100.0	87.3	74.3

---Mixing parameter =0.3

----Fraction of overlapping nodes is 10%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_bc_3_10ct_2	100.00000	98.79000	99.26000	100.00000	99.91000
NetSz_bc_3_10ct_4	100.00000	98.69000	99.04000	99.97000	99.35000
NetSz_bc_3_10ct_6	100.00000	98.80000	99.03000	99.87000	99.39000
NetSz_bc_3_10ct_8	100.00000	98.82000	99.25000	99.90000	99.97000

	OSLOM	MOSES	COPRA	BIGCLAM	BIGCLAM2
NetSz_bc_3_10ct_2	100.0	78.5	100.0	92.5	85.5
NetSz_bc_3_10ct_4	100.0	73.3	100.0	91.100	85.399
NetSz_bc_3_10ct_6	100.0	71.6	100.0	92.100	80.4
NetSz_bc_3_10ct_8	100.0	73.3	100.0	92.0	80.4

----Fraction of overlapping nodes is 50%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_bc_3_50ct_2	100.00000	94.79000	95.01000	92.69000	95.66000
NetSz_bc_3_50ct_4	99.97000	91.82000	89.47000	88.16000	91.74000
NetSz_bc_3_50ct_6	100.00000	86.31000	82.57000	94.55000	97.84000
NetSz_bc_3_50ct_8	99.97000	85.38000	78.59000	79.02000	92.30000

	OSLOM	MOSES	COPRA	BIGCLAM	BIGCLAM2
NetSz_bc_3_50ct_2	100.0	49.3	100.0	86.1	75.7
NetSz_bc_3_50ct_4	100.0	30.8	100.0	84.399	70.3
NetSz_bc_3_50ct_6	100.0	22.1	100.0	86.0	71.0
NetSz_bc_3_50ct_8	100.0	35.9	100.0	84.8	70.7

––––Fraction of overlapping nodes is 10%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_Sc_1_10ct_2	100.00000	99.72000	99.57000	99.99800	99.99400
Netbz_Sc_1_10ct_4	100.00000	99.74600	99.46800	99.99200	99.99800
Netbz_Sc_1_10ct_6	100.00000	99.73000	99.47800	100.00000	100.00000
Netbz_Sc_1_10ct_8	100.00000	99.70600	99.61600	99.97000	99.99600

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_Sc_1_10ct_2	100.0	99.36	100.0	99.6600
Netbz_Sc_1_10ct_4	100.0	97.3	100.0	99.02
Netbz_Sc_1_10ct_6	100.0	95.1799	100.0	98.460
Netbz_Sc_1_10ct_8	100.0	94.24	100.0	98.1199

––––Fraction of overlapping nodes is 50%

Repeat this all	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_Sc_1_50ct_2	100.00000	99.39800	98.77200	99.01800	99.83200
Netbz_Sc_1_50ct_4	100.00000	99.38800	98.20200	99.01800	98.94400
Netbz_Sc_1_50ct_6	99.99800	99.35200	96.41400	99.58600	98.24600
Netbz_Sc_1_50ct_8	99.99800	98.93000	94.88800	99.70800	97.71200

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_Sc_1_50ct_2	100.0	97.5	100.0	98.5
Netbz_Sc_1_50ct_4	100.0	78.72	100.0	97.02
Netbz_Sc_1_50ct_6	100.0	65.3	100.0	89.92
Netbz_Sc_1_50ct_8	100.0	57.56	100.0	81.58

–––Mixing parameter =0.3

––––Fraction of overlapping nodes is 10%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_Sc_3_10ct_2	100.00000	99.50200	99.23000	99.96600	99.97000
Netbz_Sc_3_10ct_4	99.99600	99.49600	99.13000	99.96000	99.98800
Netbz_Sc_3_10ct_6	99.97600	99.48800	99.04600	99.88800	99.97600
Netbz_Sc_3_10ct_8	99.94000	99.36200	99.04200	99.69800	99.93000

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_Sc_3_10ct_2	100.0	94.72	100.0	94.8
Netbz_Sc_3_10ct_4	100.0	91.78	100.0	95.58
Netbz_Sc_3_10ct_6	100.0	89.94	100.0	93.6799
Netbz_Sc_3_10ct_8	100.0	89.28	100.0	92.86

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_Sc_3_5Oct_2	99.98600	98.44000	98.11800	97.32000	99.01600
Netbz_Sc_3_5Oct_4	99.45400	95.21600	88.09200	96.29000	
Netbz_Sc_3_5Oct_6	98.17800	89.66400	79.81200	95.59800	95.42200
Netbz_Sc_3_5Oct_8	97.30800	83.87400	75.22800	94.63600	94.61200

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_Sc_3_5Oct_2	100.0	82.94	100.0	87.08
Netbz_Sc_3_5Oct_4	100.0	61.6	100.0	80.92
Netbz_Sc_3_5Oct_6	100.0	48.4	100.0	83.7
Netbz_Sc_3_5Oct_8	100.0	45.5	100.0	80.28

–big communities =20–100
———Mixing parameter =0.1
————Fraction of overlapping nodes is 10%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_bc_1_10ct_2	100.00000	99.81600	99.71400	100.00000	100.00000
Netbz_bc_1_10ct_4	100.00000	99.76000	99.74600	100.00000	100.00000
Netbz_bc_1_10ct_6	100.00000	99.74200	99.78000	100.00000	100.00000
Netbz_bc_1_10ct_8	100.00000	99.51000	99.87200	99.99800	100.00000

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_bc_1_10ct_2	100.0	98.619	100.0	99.0
Netbz_bc_1_10ct_4	100.0	95.06	100.0	97.92
Netbz_bc_1_10ct_6	100.0	92.52	100.0	97.36
Netbz_bc_1_10ct_8	100.0	91.42	100.0	94.92

————Fraction of overlapping nodes is 50%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_bc_1_50ct_2	100.00000	99.44000	99.23200	99.36800	99.97800
Netbz_bc_1_50ct_4	100.00000	99.29400	98.23000	99.16600	99.56200
Netbz_bc_1_50ct_6	99.99800	98.94000	96.78600	99.68200	99.02800
Netbz_bc_1_50ct_8	100.00000	98.29600	95.08800	99.73000	98.75600

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_bc_1_50ct_2	100.0	92.28	100.0	96.34
Netbz_bc_1_50ct_4	100.0	72.38	100.0	87.26
Netbz_bc_1_50ct_6	100.0	61.0199	100.0	83.22
Netbz_bc_1_50ct_8	100.0	53.7799	100.0	82.92

---Mixing parameter =0.3
----Fraction of overlapping nodes is 10%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_bc_3_10ct_2	99.99600	99.15800	99.24400	99.99800	99.99400
Netbz_bc_3_10ct_4	99.99000	99.26400	99.29400	99.96800	99.98400
Netbz_bc_3_10ct_6	99.98200	99.22000	99.45800	99.97400	99.96800
Netbz_bc_3_10ct_8	99.97000	99.15800	99.41000	99.95800	99.97800

	OSLOM	MOSES	COPRA	BIGCLAM	BIGCLAM2
Netbz_bc_3_10ct_2	100.0	87.64	100.0	82.17999	85.98
Netbz_bc_3_10ct_4	100.0	81.8999	100.0	77.42	85.56
Netbz_bc_3_10ct_6	100.0	84.4600	100.0	78.08	86.72
Netbz_bc_3_10ct_8	100.0	83.2400	100.0	78.5	89.7

----Fraction of overlapping nodes is 50%

	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_bc_3_50ct_2	99.91400	97.03200	97.03200	97.30000	99.65000
Netbz_bc_3_50ct_4	99.15800	92.03200	92.03200	96.19200	98.18000
Netbz_bc_3_50ct_6	98.16400	86.62000	86.62000	96.17400	97.22000
Netbz_bc_3_50ct_8	97.14000	81.18200	81.18200	95.65000	95.99000

	OSLOM	MOSES	COPRA	BIGCLAM2
Netbz_bc_3_50ct_2	100.0	70.88	100.0	85.22
Netbz_bc_3_50ct_4	100.0	53.0599	100.0	82.16
Netbz_bc_3_50ct_6	100.0	45.76	100.0	80.80000
Netbz_bc_3_50ct_8	100.0	40.6600	100.0	77.2

of clusters:

15-200

Small size network:1000
—Small communities =10—50

———Mixing parameter =0.1

————Fraction of overlapping nodes is 10%

	GT	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_Sc_1_10ct_2	41	39.40000	40.80000	41.60000	38.80000	40.00000
NetSz_Sc_1_10ct_4	49	47.80000	48.80000	50.40000	48.10000	49.30000
NetSz_Sc_1_10ct_6	55	53.80000	55.90000	56.80000	54.20000	57.00000
NetSz_Sc_1_10ct_8	66	62.10000	64.80000	68.40000	63.20000	66.30000

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_Sc_1_10ct_2	41	86	36.90000	40
NetSz_Sc_1_10ct_4	49	110	43.60000	51
NetSz_Sc_1_10ct_6	55	105	48.50000	51
NetSz_Sc_1_10ct_8	62	106	19.90000	66

————Fraction of overlapping nodes is 50%

	GT	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_Sc_1_50ct_2	55	46.00000	61.10000	72.80000	48.00000	47.40000
NetSz_Sc_1_50ct_4	99	58.90000	89.10000	127.30000	61.40000	61.00000
NetSz_Sc_1_50ct_6	145	39.70000	112.00000	170.00000	59.20000	62.50000
NetSz_Sc_1_50ct_8	185	18.90000	130.20000	186.00000	62.80000	68.30000

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_Sc_1_50ct_2	51	129	20.30000	51
NetSz_Sc_1_50ct_4	58	119	1.00000	40
NetSz_Sc_1_50ct_6	44	145	1.00000	66
NetSz_Sc_1_50ct_8	44	104	1.00000	66

———Mixing parameter =0.3

————Fraction of overlapping nodes is 10%

	GT	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_Sc_3_10ct_2	41	40.30000	42.70000	45.80000	40.70000	41.10000
NetSz_Sc_3_10ct_4	49	45.80000	49.80000	52.70000	48.60000	48.40000
NetSz_Sc_3_10ct_6	55	53.50000	57.00000	58.70000	55.70000	54.60000
NetSz_Sc_3_10ct_8	66	61.30000	66.90000	69.30000	64.60000	65.20000

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_Sc_3_10ct_2	41	91	31.10000	51
NetSz_Sc_3_10ct_4	46	90	27.30000	51
NetSz_Sc_3_10ct_6	52	90	5.30000	51
NetSz_Sc_3_10ct_8	62	103	12.60000	66

	GT	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_Sc_3_50ct_2	55	36.90000	53.30000	71.10000	56.60000	49.90000
NetSz_Sc_3_50ct_4	99	8.90000	77.40000	99.60000	51.00000	45.40000
NetSz_Sc_3_50ct_6	145	6.70000	81.10000	117.90000	49.80000	25.50000
NetSz_Sc_3_50ct_8	185	6.60000	87.40000	127.00000	58.90000	79.80000

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_Sc_3_50ct_2	44	83	1.00000	51
NetSz_Sc_3_50ct_4	40	97	1.00000	51
NetSz_Sc_3_50ct_6	29	89	1.00000	66
NetSz_Sc_3_50ct_8	30	66	1.00000	40

–Big communities =20–100

---Mixing parameter =0.1

----Fraction of overlapping nodes is 10%

	GT	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_bc_1_10ct_2	19	19.00000	19.40000	20.30000	19.00000	19.00000
NetSz_bc_1_10ct_4	23	23.30000	24.00000	24.00000	22.90000	22.70000
NetSz_bc_1_10ct_6	27	27.30000	28.10000	28.20000	27.00000	27.60000
NetSz_bc_1_10ct_8	30	30.10000	30.90000	31.20000	30.00000	30.20000

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_bc_1_10ct_2	19	66	19.10000	19
NetSz_bc_1_10ct_4	23	66	22.40000	31
NetSz_bc_1_10ct_6	27	69	25.20000	31
NetSz_bc_1_10ct_8	30	82	12.40000	40

	GT	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_bc_1_50ct_2	27	28.80000	44.50000	52.60000	24.60000	25.20000
NetSz_bc_1_50ct_4	47	32.00000	85.90000	91.50000	42.60000	44.30000
NetSz_bc_1_50ct_6	69	36.50000	95.70000	111.70000	44.80000	44.30000
NetSz_bc_1_50ct_8	89	26.80000	121.80000	155.70000	46.40000	60.40000

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_bc_1_50ct_2	26	73	1.00000	40
NetSz_bc_1_50ct_4	33	72	1.00000	40
NetSz_bc_1_50ct_6	32	89	1.00000	51
NetSz_bc_1_50ct_8	33	52	1.00000	51

---Mixing parameter =0.3

----Fraction of overlapping nodes is 10%

	GT	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_bc_3_10ct_2	19	19.50000	22.20000	21.20000	19.00000	18.90000
NetSz_bc_3_10ct_4	23	23.40000	26.80000	27.40000	23.50000	23.30000
NetSz_bc_3_10ct_6	27	28.90000	30.90000	30.90000	26.80000	26.90000
NetSz_bc_3_10ct_8	30	29.90000	32.50000	36.20000	29.90000	30.00000

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_bc_3_10ct_2	20	63	1.00000	40
NetSz_bc_3_10ct_4	22	63	1.00000	51
NetSz_bc_3_10ct_6	27	61	3.50000	31
NetSz_bc_3_10ct_8	30	52	12.50000	31

----Fraction of overlapping nodes is 50%

	GT	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
NetSz_bc_3_50ct_2	27	16.10000	54.30000	54.60000	21.60000	29.60000
NetSz_bc_3_50ct_4	47	7.10000	73.70000	83.80000	28.60000	37.20000
NetSz_bc_3_50ct_6	69	2.90000	70.20000	93.00000	10.10000	18.80000
NetSz_bc_3_50ct_8	89	7.70000	77.60000	108.60000	54.40000	47.00000

	OSLOM	MOSES	COPRA	BIGCLAM
NetSz_bc_3_50ct_2	25	57	1.00000	40
NetSz_bc_3_50ct_4	22	19	1.00000	51
NetSz_bc_3_50ct_6	19	10	1.00000	51
NetSz_bc_3_50ct_8	22	41	1.00000	51

110-1000

	GT	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_Sc_1_10ct_2	225	212.30000	224.50000	230.70000	219.30000	219.40000
Netbz_Sc_1_10ct_4	268	256.80000	268.70000	280.70000	268.80000	268.70000
Netbz_Sc_1_10ct_6	311	301.10000	315.60000	321.80000	313.90000	313.70000
Netbz_Sc_1_10ct_8	350	334.20000	352.70000	359.90000	353.50000	352.80000

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_Sc_1_10ct_2	225	380	188.00000	211
Netbz_Sc_1_10ct_4	264	425	230.30000	261
Netbz_Sc_1_10ct_6	303	450	257.40000	327
Netbz_Sc_1_10ct_8	333	453	298.80000	407

----Fraction of overlapping nodes is 50%

Repeat this all	GT	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_Sc_1_50ct_2	324	267.00000	328.40000	417.00000	327.40000	309.50000
Netbz_Sc_1_50ct_4	513	401.30000	547.80000	710.70000	390.70000	495.90000
Netbz_Sc_1_50ct_6	716	519.80000	726.30000	889.40000	439.60000	659.50000
Netbz_Sc_1_50ct_8	928	578.30000	797.30000	1018.90000	463.70000	718.90000

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_Sc_1_50ct_2	298	632	211.80000	263
Netbz_Sc_1_50ct_4	303	596	1.00000	507
Netbz_Sc_1_50ct_6	256	637	1.00000	407
Netbz_Sc_1_50ct_8	231	566	1376.90000	263

---Mixing parameter =0.3
----Fraction of overlapping nodes is 10%

	GT	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_Sc_3_10ct_2	225	219.60000	228.90000	239.20000	223.10000	222.70000
Netbz_Sc_3_10ct_4	268	260.60000	272.90000	289.70000	269.70000	269.90000
Netbz_Sc_3_10ct_6	311	298.30000	315.10000	329.60000	315.90000	314.10000
Netbz_Sc_3_10ct_8	350	326.20000	342.30000	357.70000	355.00000	356.30000

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_Sc_3_10ct_2	222	376	217.90000	327
Netbz_Sc_3_10ct_4	259	417	286.30000	407
Netbz_Sc_3_10ct_6	291	407	356.40000	407
Netbz_Sc_3_10ct_8	319	446	481.70000	327

====Fraction of overlapping nodes is 50%

	GT	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_Sc_3_50ct_2	324	257.60000	317.10000	341.90000	314.00000	300.40000
Netbz_Sc_3_50ct_4	513	353.20000	449.50000	545.90000	409.30000	
Netbz_Sc_3_50ct_6	716	418.40000	527.20000	623.30000	440.10000	524.60000
Netbz_Sc_3_50ct_8	928	408.80000	529.30000	685.20000	452.20000	559.80000

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_Sc_3_50ct_2	252	466	190.20000	263
Netbz_Sc_3_50ct_4	233	481	1.00000	263
Netbz_Sc_3_50ct_6	186	466	3317.40000	327
Netbz_Sc_3_50ct_8	197	455	4015.40000	263

-big communities =20-100
---Mixing parameter =0.1
====Fraction of overlapping nodes is 10%

	GT	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_bc_1_10ct_2	115	116.30000	117.80000	122.50000	114.70000	114.50000
Netbz_bc_1_10ct_4	135	136.50000	140.00000	141.50000	135.40000	136.00000
Netbz_bc_1_10ct_6	155	157.20000	160.80000	160.20000	155.70000	156.10000
Netbz_bc_1_10ct_8	174	178.80000	182.60000	180.40000	175.50000	175.00000

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_bc_1_10ct_2	115	305	112.40000	137
Netbz_bc_1_10ct_4	135	268	133.10000	170
Netbz_bc_1_10ct_6	155	318	153.20000	170
Netbz_bc_1_10ct_8	174	285	180.90000	170

====Fraction of overlapping nodes is 50%

	GT	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_bc_1_50ct_2	155	179.30000	243.40000	253.20000	173.30000	154.40000
Netbz_bc_1_50ct_4	254	336.30000	481.90000	458.60000	274.00000	289.50000
Netbz_bc_1_50ct_6	359	462.50000	654.80000	597.60000	326.10000	418.50000
Netbz_bc_1_50ct_8	459	528.50000	717.90000	711.10000	382.80000	509.90000

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_bc_1_50ct_2	151	376	259.90000	211
Netbz_bc_1_50ct_4	200	402	1.00000	263
Netbz_bc_1_50ct_6	212	484	1.00000	263
Netbz_bc_1_50ct_8	227	391	654.30000	263

----Fraction of overlapping nodes is 10%

	GT	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_bc_3_10ct_2	115	121.20000	131.60000	133.70000	115.00000	115.00000
Netbz_bc_3_10ct_4	135	147.00000	154.00000	157.60000	136.00000	136.90000
Netbz_bc_3_10ct_6	155	164.20000	169.70000	172.20000	157.70000	158.10000
Netbz_bc_3_10ct_8	174	179.20000	186.80000	191.30000	177.50000	178.00000

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_bc_3_10ct_2	115	263	136.20000	170
Netbz_bc_3_10ct_4	134	266	204.60000	170
Netbz_bc_3_10ct_6	155	279	232.90000	211
Netbz_bc_3_10ct_8	174	291	302.20000	263

----Fraction of overlapping nodes is 50%

	GT	SLPA	PCSLPA%1	PCSLPA%5	ACSLPA%0.5	ACSLPA%1
Netbz_bc_3_50ct_2	155	183.10000	254.90000	273.40000	172.40000	153.50000
Netbz_bc_3_50ct_4	254	299.60000	422.30000	396.30000	290.30000	282.00000
Netbz_bc_3_50ct_6	359	366.80000	474.50000	484.70000	361.40000	386.60000
Netbz_bc_3_50ct_8	459	390.80000	497.50000	560.50000	408.80000	455.20000

	OSLOM	MOSES	COPRA	BIGCLAM
Netbz_bc_3_50ct_2	143	275	1.00000	263
Netbz_bc_3_50ct_4	172	339	1.00000	327
Netbz_bc_3_50ct_6	165	366	1625.00000	263
Netbz_bc_3_50ct_8	168	322	3853.70000	211

	PCSLAP1%	PCSLAP5%	ACSLPA0.5%	ACSLPA1%	SLPA	OSLOM	MOSES	COPRA	BIGCLAM
amazon	786.15000	771.60000	732.50000	729.70000	791.35000	771	868	767	22
youtube	843.35000	1002.60000	868.30000	935.50000	454.55000	550	393	567	948
dblp	650.90000	638.05000	588.30000	589.50000	652.60000	740	838	598	645