

FREEMAN BETWEENNESS CENTRALITY

Input dataset:

Q1 (C:\Users\Sota\Desktop\Questionario fase 1 Sota\Q1\Q1)

Important note: This routine cannot handle valued data, so it binarizes your data automatically.
It DOES handle directed (non-symmetric) data, so it does NOT symmetrize.

Un-normalized centralization: 5070.177

		1	2
		Betweenness	nBetweenness
		-----	-----
3	M3	141.725	8.230
25	OT7	61.373	3.564
21	OT3	60.736	3.527
29	A1	59.064	3.430
7	E2	59.044	3.429
16	E11	54.281	3.152
13	E8	50.875	2.954
1	M1	39.560	2.297
14	E9	35.875	2.083
31	A3	35.531	2.063
11	E6	33.175	1.927
30	A2	31.026	1.802
42	A14	26.787	1.556
23	OT5	25.386	1.474
38	A10	24.810	1.441
12	E7	23.835	1.384
26	OT8	23.205	1.348
32	A4	21.947	1.275
10	E5	21.759	1.264
28	OT10	19.910	1.156
18	E13	15.713	0.912

4	M4	15.235	0.885
2	M2	14.669	0.852
24	OT6	14.393	0.836
27	OT9	14.285	0.830
37	A9	14.201	0.825
6	E1	11.952	0.694
40	A12	9.945	0.578
39	A11	9.279	0.539
35	A7	8.998	0.523
41	A13	8.988	0.522
22	OT4	5.543	0.322
34	A6	4.814	0.280
8	E3	4.629	0.269
9	E4	4.467	0.259
36	A8	4.390	0.255
17	E12	3.298	0.192
15	E10	3.281	0.191
33	A5	3.243	0.188
5	M5	0.958	0.056
20	OT2	0.930	0.054
43	A15	0.571	0.033
19	OT1	0.312	0.018

DESCRIPTIVE STATISTICS FOR EACH MEASURE

		1	2
		Betweenness	nBetweenness
		-----	-----
1	Mean	23.814	1.383
2	Std Dev	25.620	1.488
3	Sum	1024.000	59.466
4	Variance	656.381	2.214
5	SSQ	52609.863	177.419
6	MCSSQ	28224.375	95.183
7	Euc Norm	229.368	13.320
8	Minimum	0.312	0.018

9	Maximum	141.725	8.230
10	N of Obs	43.000	43.000

Network Centralization Index = 7.01%

Output actor-by-centrality measure matrix saved as dataset Q1-bet

Running time: 00:00:01

Output generated: 16 Set 12 14:04:45

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