

FREEMAN BETWEENNESS CENTRALITY

Input dataset: Q5 (C:\Users\Sota\Desktop\Questionario fase 1 Sota\Q5\Q5)

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: 4932.085

		1	2
		Betweenness	nBetweenness
		-----	-----
1	M1	133.118	7.730
9	E4	68.696	3.989
29	A1	56.876	3.303
8	E3	53.295	3.095
21	OT3	40.837	2.371
14	E9	33.137	1.924
3	M3	31.851	1.850
26	OT8	28.845	1.675
24	OT6	28.175	1.636
30	A2	26.790	1.556
37	A9	23.162	1.345
31	A3	23.102	1.342
42	A14	22.429	1.302
6	E1	19.300	1.121
12	E7	18.505	1.075
11	E6	16.078	0.934
4	M4	15.754	0.915
38	A10	15.470	0.898
15	E10	14.156	0.822
40	A12	13.435	0.780
7	E2	10.358	0.601

35	A7	9.798	0.569
32	A4	9.378	0.545
23	OT5	8.877	0.516
13	E8	7.956	0.462
34	A6	7.491	0.435
10	E5	7.152	0.415
17	E12	7.123	0.414
22	OT4	6.941	0.403
16	E11	6.496	0.377
25	OT7	4.525	0.263
28	OT10	4.462	0.259
18	E13	3.579	0.208
19	OT1	2.478	0.144
39	A11	2.365	0.137
27	OT9	2.195	0.127
33	A5	2.049	0.119
41	A13	1.492	0.087
43	A15	1.193	0.069
2	M2	1.142	0.066
36	A8	0.816	0.047
5	M5	0.764	0.044
20	OT2	0.355	0.021

DESCRIPTIVE STATISTICS FOR EACH MEASURE

		1	2
		Betweenness	nBetweenness
		-----	-----
1	Mean	18.419	1.070
2	Std Dev	23.737	1.378
3	Sum	792.000	45.993
4	Variance	563.447	1.900
5	SSQ	38815.773	130.901
6	MCSSQ	24228.238	81.706
7	Euc Norm	197.017	11.441
8	Minimum	0.355	0.021

9	Maximum	133.118	7.730
10	N of Obs	43.000	43.000

Network Centralization Index = 6.82%

Output actor-by-centrality measure matrix saved as dataset Q5-bet

Running time: 00:00:01

Output generated: 16 Set 12 14:49:25

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