

FREEMAN BETWEENNESS CENTRALITY

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Input dataset: Q3 (C:\Users\Sota\Desktop\Questionario fase 1 Sota\Q3\Q3)

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: 2447.427

		1	2
		Betweenness	nBetweenness
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3	M3	77.987	4.529
1	M1	74.742	4.340
14	E9	65.980	3.832
12	E7	63.988	3.716
11	E6	60.935	3.539
7	E2	55.660	3.232
6	E1	44.881	2.606
16	E11	41.982	2.438
10	E5	41.232	2.394
26	OT8	38.894	2.259
25	OT7	38.438	2.232
21	OT3	29.682	1.724
31	A3	23.574	1.369
9	E4	20.627	1.198
30	A2	18.721	1.087
18	E13	17.987	1.045
8	E3	15.506	0.900
32	A4	15.294	0.888
42	A14	13.884	0.806
38	A10	13.856	0.805
28	OT10	13.704	0.796

29	A1	13.687	0.795
13	E8	12.499	0.726
22	OT4	10.375	0.603
37	A9	10.205	0.593
24	OT6	8.636	0.502
40	A12	8.174	0.475
27	OT9	7.660	0.445
2	M2	6.795	0.395
34	A6	5.840	0.339
39	A11	5.748	0.334
23	OT5	4.863	0.282
15	E10	4.106	0.238
35	A7	4.021	0.234
41	A13	3.696	0.215
33	A5	3.331	0.193
36	A8	3.269	0.190
17	E12	2.118	0.123
43	A15	1.141	0.066
5	M5	1.091	0.063
19	OT1	0.708	0.041
4	M4	0.363	0.021
20	OT2	0.119	0.007

DESCRIPTIVE STATISTICS FOR EACH MEASURE

		1	2
		Betweenness	nBetweenness
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1	Mean	21.070	1.224
2	Std Dev	22.024	1.279
3	Sum	906.000	52.613
4	Variance	485.041	1.636
5	SSQ	39945.980	134.712
6	MCSSQ	20856.773	70.337
7	Euc Norm	199.865	11.607
8	Minimum	0.119	0.007

9	Maximum	77.987	4.529
10	N of Obs	43.000	43.000

Network Centralization Index = 3.38%

Output actor-by-centrality measure matrix saved as dataset Q3-bet

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Running time: 00:00:01

Output generated: 16 Set 12 14:13:03

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