

FREEMAN BETWEENNESS CENTRALITY

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Input dataset:  
Sota\Q4\Q4F2)

Q4F2 (C:\Users\Sota\Desktop\Questionario Fase 2

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: 5676.057

		1	2
		Betweenness	nBetweenness
9	E4	165.294	10.596
13	E9	142.248	9.118
8	E3	99.397	6.372
7	E2	92.280	5.915
3	M3	86.775	5.563
6	E1	71.940	4.612
10	E5	48.494	3.109
16	E11	44.469	2.851
1	M1	39.874	2.556
17	E12	29.809	1.911
30	A3	28.614	1.834
29	A2	28.614	1.834
26	OT9	27.856	1.786
27	OT10	19.059	1.222
36	A9	16.975	1.088
32	A5	16.419	1.052
35	A8	14.919	0.956
20	OT3	14.172	0.908
38	A11	13.217	0.847
39	A12	12.051	0.773
25	OT8	9.676	0.620
31	A4	9.555	0.612
28	A1	9.015	0.578

23	OT6	8.858	0.568
37	A10	8.495	0.545
34	A7	7.751	0.497
11	E6	6.842	0.439
21	OT4	6.027	0.386
12	E7	4.095	0.263
15	E10	3.596	0.230
24	OT7	2.874	0.184
4	M4	2.865	0.184
2	M2	2.367	0.152
14	E14	1.951	0.125
5	M5	1.667	0.107
22	OT5	1.015	0.065
40	A14	0.836	0.054
41	A15	0.422	0.027
33	A6	0.254	0.016
19	OT2	0.219	0.014
18	OT1	0.145	0.009

DESCRIPTIVE STATISTICS FOR EACH MEASURE

		1	2
		Betweenness	nBetweenness
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1	Mean	26.854	1.721
2	Std Dev	38.445	2.464
3	Sum	1101.000	70.577
4	Variance	1477.984	6.073
5	SSQ	90163.234	370.493
6	MCSSQ	60597.355	249.003
7	Euc Norm	300.272	19.248
8	Minimum	0.145	0.009
9	Maximum	165.294	10.596
10	N of Obs	41.000	41.000

Network Centralization Index = 9.10%

Output actor-by-centrality measure matrix saved as dataset Q4F2-bet

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Running time: 00:00:01  
Output generated: 16 Set 12 15:06:34  
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