

FREEMAN BETWEENNESS CENTRALITY

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Input dataset:  
Sota\Q3\Q3F2)

Q3F2 (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: 6038.432

		1	2
		Betweenness	nBetweenness
6	E1	165.742	10.625
11	E6	56.970	3.652
12	E7	49.107	3.148
9	E4	48.422	3.104
16	E11	45.636	2.925
13	E9	32.057	2.055
8	E3	31.713	2.033
14	E14	30.266	1.940
20	OT3	27.621	1.771
29	A2	23.343	1.496
3	M3	23.293	1.493
26	OT9	22.496	1.442
30	A3	22.168	1.421
7	E2	16.030	1.028
28	A1	14.648	0.939
35	A8	14.647	0.939
1	M1	14.578	0.934
27	OT10	13.028	0.835
39	A12	10.907	0.699
34	A7	9.278	0.595

31	A4	8.851	0.567
25	OT8	8.469	0.543
38	A11	7.817	0.501
37	A10	7.396	0.474
21	OT4	6.881	0.441
10	E5	6.377	0.409
24	OT7	6.010	0.385
36	A9	5.892	0.378
23	OT6	4.891	0.314
40	A14	4.356	0.279
17	E12	3.310	0.212
32	A5	2.983	0.191
15	E10	2.753	0.176
33	A6	2.447	0.157
41	A15	2.135	0.137
22	OT5	1.768	0.113
4	M4	1.423	0.091
5	M5	1.002	0.064
2	M2	0.229	0.015
19	OT2	0.063	0.004
18	OT1	0.000	0.000

DESCRIPTIVE STATISTICS FOR EACH MEASURE

		1	2
		Betweenness	nBetweenness
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1	Mean	18.463	1.184
2	Std Dev	27.568	1.767
3	Sum	757.000	48.526
4	Variance	760.011	3.123
5	SSQ	45137.270	185.475
6	MCSSQ	31160.465	128.043
7	Euc Norm	212.455	13.619
8	Minimum	0.000	0.000
9	Maximum	165.742	10.625

10 N of Obs            41.000            41.000

Network Centralization Index = 9.68%

Output actor-by-centrality measure matrix saved as dataset Q3F2-bet

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Running time: 00:00:01

Output generated: 16 Set 12 15:02:57

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