

CLOSENESS CENTRALITY

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Input dataset: Q3F2 (C:\Users\Sota\Desktop\Questionario Fase 2  
 Sota\Q3\Q3F2)  
 Method: Geodesic paths only (Freeman Closeness)  
 Output dataset: Q3F2-clo (C:\Users\Sota\Documents\UCINET data\Q3F2-clo)

Note: Data not symmetric, therefore separate in-closeness & out-closeness computed.

WARNING: Data matrix dichotomized such that  $X_{ij} > 0$  was recoded to 1

Closeness Centrality Measures

		1	2	3	4
		inFarness	outFarness	inCloseness	outCloseness
6	E1	45.000	53.000	88.889	75.472
9	E4	47.000	43.000	85.106	93.023
15	E10	49.000	82.000	81.633	48.780
12	E7	49.000	44.000	81.633	90.909
8	E3	50.000	44.000	80.000	90.909
13	E9	51.000	42.000	78.431	95.238
14	E14	51.000	45.000	78.431	88.889
11	E6	52.000	41.000	76.923	97.561
21	OT4	53.000	62.000	75.472	64.516
26	OT9	54.000	54.000	74.074	74.074
23	OT6	54.000	62.000	74.074	64.516
25	OT8	56.000	67.000	71.429	59.701
27	OT10	56.000	65.000	71.429	61.538
28	A1	56.000	49.000	71.429	81.633
3	M3	56.000	63.000	71.429	63.492
2	M2	57.000	92.000	70.175	43.478
1	M1	57.000	57.000	70.175	70.175
24	OT7	57.000	58.000	70.175	68.966
20	OT3	58.000	41.000	68.966	97.561
16	E11	58.000	65.000	68.966	61.538
29	A2	58.000	40.000	68.966	100.000

33	A6	58.000	74.000	68.966	54.054
30	A3	59.000	40.000	67.797	100.000
7	E2	60.000	53.000	66.667	75.472
40	A14	60.000	55.000	66.667	72.727
22	OT5	60.000	66.000	66.667	60.606
39	A12	60.000	45.000	66.667	88.889
4	M4	61.000	104.000	65.574	38.462
10	E5	61.000	63.000	65.574	63.492
19	OT2	61.000	92.000	65.574	43.478
34	A7	62.000	45.000	64.516	88.889
37	A10	63.000	55.000	63.492	72.727
41	A15	63.000	72.000	63.492	55.556
38	A11	63.000	42.000	63.492	95.238
35	A8	63.000	44.000	63.492	90.909
17	E12	65.000	58.000	61.538	68.966
36	A9	65.000	47.000	61.538	85.106
32	A5	66.000	67.000	60.606	59.701
31	A4	67.000	40.000	59.701	100.000
5	M5	76.000	75.000	52.632	53.333
18	OT1	80.000	91.000	50.000	43.956

Statistics

		1	2	3	4
		i nFarness	outFarness	i nCl oseness	outCl oseness
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1	Mean	58.463	58.463	69.328	73.257
2	Std Dev	6.858	16.305	7.886	18.002
3	Sum	2397.000	2397.000	2842.454	3003.533
4	Variance	47.029	265.858	62.186	324.059
5	SSQ	142065.000	151037.000	199611.672	233315.906
6	MCSSQ	1928.195	10900.195	2549.623	13286.432
7	Euc Norm	376.915	388.635	446.779	483.028
8	Minimum	45.000	40.000	50.000	38.462
9	Maximum	80.000	104.000	88.889	100.000
10	N of Obs	41.000	41.000	41.000	41.000

Network i n-Central i zati on = 40.61%  
Network out-Central i zati on = 55.53%

Output actor-by-centrality measure matrix saved as dataset Q3F2-clo  
(C:\Users\Sota\Documents\UCINET data\Q3F2-clo)

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Running time: 00:00:01  
Output generated: 16 Set 12 15:03:33  
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