

CLOSENESS CENTRALITY

Input dataset: Q4F2 (C:\Users\Sota\Desktop\Questionario Fase 2
 Sota\Q4\Q4F2)
 Method: Geodesic paths only (Freeman Closeness)
 Output dataset: Q4F2-clo (C:\Users\Sota\Documents\UCINET data\Q4F2-clo)

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

Closeness Centrality Measures

		1	2	3	4
		inFarness	outFarness	inCloseness	outCloseness
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6	E1	45.000	65.000	88.889	61.538
3	M3	48.000	68.000	83.333	58.824
15	E10	48.000	100.000	83.333	40.000
9	E4	50.000	51.000	80.000	78.431
12	E7	51.000	100.000	78.431	40.000
11	E6	51.000	66.000	78.431	60.606
8	E3	52.000	55.000	76.923	72.727
2	M2	53.000	102.000	75.472	39.216
14	E14	53.000	84.000	75.472	47.619
13	E9	53.000	56.000	75.472	71.429
10	E5	54.000	63.000	74.074	63.492
1	M1	56.000	68.000	71.429	58.824
4	M4	57.000	101.000	70.175	39.604
16	E11	59.000	64.000	67.797	62.500
17	E12	61.000	61.000	65.574	65.574
7	E2	62.000	50.000	64.516	80.000
23	OT6	69.000	67.000	57.971	59.701
28	A1	70.000	68.000	57.143	58.824
37	A10	72.000	66.000	55.556	60.606
30	A3	73.000	40.000	54.795	100.000
29	A2	73.000	40.000	54.795	100.000

35	A8	74.000	48.000	54.054	83.333
21	OT4	74.000	65.000	54.054	61.538
36	A9	74.000	45.000	54.054	88.889
20	OT3	75.000	64.000	53.333	62.500
39	A12	75.000	46.000	53.333	86.957
32	A5	75.000	66.000	53.333	60.606
33	A6	75.000	90.000	53.333	44.444
41	A15	75.000	74.000	53.333	54.054
26	OT9	75.000	60.000	53.333	66.667
34	A7	76.000	49.000	52.632	81.633
27	OT10	76.000	65.000	52.632	61.538
38	A11	76.000	42.000	52.632	95.238
25	OT8	77.000	70.000	51.948	57.143
40	A14	77.000	55.000	51.948	72.727
24	OT7	77.000	69.000	51.948	57.971
19	OT2	77.000	99.000	51.948	40.404
22	OT5	78.000	80.000	51.282	50.000
31	A4	78.000	40.000	51.282	100.000
18	OT1	82.000	85.000	48.780	47.059
5	M5	85.000	94.000	47.059	42.553

Statistics

		1	2	3	4
		i nFarness	outFarness	i nCl oseness	outCl oseness
		-----	-----	-----	-----
1	Mean	66.854	66.854	61.850	64.263
2	Std Dev	11.486	17.941	11.830	17.267
3	Sum	2741.000	2741.000	2535.832	2634.769
4	Variance	131.930	321.881	139.955	298.148
5	SSQ	188655.000	196443.000	162578.250	181541.359
6	MCSSQ	5409.122	13197.122	5738.153	12224.073
7	Euc Norm	434.344	443.219	403.210	426.077
8	Minimum	45.000	40.000	47.059	39.216
9	Maximum	85.000	102.000	88.889	100.000
10	N of Obs	41.000	41.000	41.000	41.000

Network in-Centralization = 56.14%
Network out-Centralization = 74.20%

Output actor-by-centrality measure matrix saved as dataset Q4F2-clo (C:\Users\Sota\Documents\UCINET data\Q4F2-clo)

Running time: 00:00:01
Output generated: 16 Set 12 15:07:11
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