

## CLOSENESS CENTRALITY

---

Input dataset: Q6F2 (C:\Users\Sota\Desktop\Questionario Fase 2  
 Sota\Q6\Q6F2)  
 Method: Geodesic paths only (Freeman Closeness)  
 Output dataset: Q6F2-clo (C:\Users\Sota\Documents\UCINET data\Q6F2-clo)

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

The network is not connected. Technically, closeness centrality cannot be computed, as there are infinite distances.

### Closeness Centrality Measures

		1	2	3	4
		inFarness	outFarness	inCloseness	outCloseness
36	A9	230.000	1640.000	17.391	2.439
25	OT8	257.000	1640.000	15.564	2.439
37	A10	264.000	1640.000	15.152	2.439
35	A8	266.000	1640.000	15.038	2.439
40	A14	267.000	1640.000	14.981	2.439
32	A5	271.000	1600.000	14.760	2.500
6	E1	290.000	66.000	13.793	60.606
23	OT6	291.000	63.000	13.746	63.492
9	E4	294.000	69.000	13.605	57.971
15	E10	294.000	60.000	13.605	66.667
22	OT5	295.000	69.000	13.559	57.971
24	OT7	296.000	66.000	13.514	60.606
12	E7	296.000	72.000	13.514	55.556
14	E14	297.000	87.000	13.468	45.977
20	OT3	297.000	58.000	13.468	68.966
8	E3	298.000	99.000	13.423	40.404
1	M1	298.000	40.000	13.423	100.000

21	OT4	298.000	77.000	13.423	51.948
3	M3	298.000	96.000	13.423	41.667
27	OT10	299.000	65.000	13.378	61.538
19	OT2	299.000	95.000	13.378	42.105
13	E9	300.000	61.000	13.333	65.574
11	E6	300.000	62.000	13.333	64.516
16	E11	300.000	41.000	13.333	97.561
10	E5	302.000	74.000	13.245	54.054
26	OT9	304.000	65.000	13.158	61.538
29	A2	304.000	40.000	13.158	100.000
2	M2	305.000	76.000	13.115	52.632
28	A1	307.000	40.000	13.029	100.000
39	A12	308.000	48.000	12.987	83.333
4	M4	308.000	79.000	12.987	50.633
41	A15	310.000	69.000	12.903	57.971
33	A6	311.000	105.000	12.862	38.095
18	OT1	311.000	99.000	12.862	40.404
34	A7	311.000	78.000	12.862	51.282
17	E12	311.000	69.000	12.862	57.971
30	A3	312.000	40.000	12.821	100.000
31	A4	312.000	40.000	12.821	100.000
38	A11	313.000	42.000	12.780	95.238
7	E2	314.000	50.000	12.739	80.000
5	M5	315.000	93.000	12.698	43.011

### Statistics

		1	2	3	4
		inFarness	outFarness	inCl oseness	outCl oseness
		-----	-----	-----	-----
1	Mean	296.415	296.415	13.549	55.707
2	Std Dev	17.565	553.842	0.915	28.649
3	Sum	12153.000	12153.000	555.492	2283.982
4	Variance	308.535	306741.500	0.837	820.774
5	SSQ	3614977.000	16178729.000	7560.472	160885.250
6	MCSSQ	12649.951	12576402.000	34.337	33651.738

7	Euc Norm	1901.309	4022.279	86.951	401.105
8	Minimum	230.000	40.000	12.698	2.439
9	Maximum	315.000	1640.000	17.391	100.000
10	N of Obs	41.000	41.000	41.000	41.000

Network centralization not computed for unconnected graphs  
Output actor-by-centrality measure matrix saved as dataset Q6F2-cl o (C:\Users\Sota\Documents\UCINET  
data\Q6F2-cl o)

-----  
Running time: 00:00:01  
Output generated: 16 Set 12 15:13:03  
UCINET 6.414 Copyright (c) 1992-2012 Analytic Technologies