

Cercania da Rede Amizade

CLOSENESS CENTRALITY

Input dataset: C:\Users\Helena
 Arco\Documents\Doutoramento\Doutoramento\Projecto\Dados Tese\Matri zes
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 Method: Geodesic paths only (Freeman Closeness)
 Output dataset: C:\Users\Helena
 Arco\Documents\Doutoramento\Doutoramento\Projecto\Dados Tese\Matri zes
 Uci net\Closeness

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

Closeness Centrality Measures

		1	2	3	4
		inFarness	outFarness	inCloseness	outCloseness
12	OE	11.000	11.000	100.000	100.000
5	OS5	12.000	17.000	91.667	64.706
1	OS1	13.000	11.000	84.615	100.000
7	OS7	13.000	13.000	84.615	84.615
8	OS8	13.000	11.000	84.615	100.000
9	OS9	14.000	17.000	78.571	64.706
4	OS4	15.000	14.000	73.333	78.571
3	OS3	16.000	15.000	68.750	73.333
10	OS10	16.000	18.000	68.750	61.111
6	OS6	16.000	12.000	68.750	91.667
2	OS2	17.000	18.000	64.706	61.111
11	OS11	17.000	16.000	64.706	68.750

Statistics

		1	2	3	4
		inFarness	outFarness	inCloseness	outCloseness
1	Mean	14.417	14.417	77.757	79.048
2	Std Dev	1.935	2.660	10.930	15.003
3	Sum	173.000	173.000	933.079	948.571
4	Variance	3.743	7.076	119.468	225.081
5	SSQ	2539.000	2579.000	73986.703	77683.188
6	MCSSQ	44.917	84.917	1433.616	2700.976
7	Euc Norm	50.388	50.784	272.005	278.717
8	Minimum	11.000	11.000	64.706	61.111
9	Maximum	17.000	18.000	100.000	100.000

Network in-Centralization = 50.96%

Network out-Centralization = 48.00%

Output actor-by-centrality measure matrix saved as dataset C:\Users\Helena
 Arco\Documents\Doutoramento\Doutoramento\Projecto\Dados Tese\Matri zes
 Uci net\Closeness

Running time: 00:00:01
 Output generated: 18 Jan 10 14:48:50
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