

Betweenness Rede Informal
FREEMAN BETWEENNESS CENTRALITY

Input dataset: C:\Users\Helena
Arco\Documents\Doutoramento\Doutoramento\Projecto\Dados Tese\Matizes Uci net\R
Informal\Rede Informal final codificada

Important note: this routine binarizes but does NOT symmetrize.

Un-normalized centralization: 608.000

| | | 1 | 2 |
|----|------|-------------|--------------|
| | | Betweenness | nBetweenness |
| | | ----- | ----- |
| 12 | OE | 58.417 | 53.106 |
| 7 | OS7 | 12.333 | 11.212 |
| 2 | OS2 | 6.750 | 6.136 |
| 4 | OS4 | 6.417 | 5.833 |
| 6 | OS6 | 3.583 | 3.258 |
| 9 | OS9 | 2.917 | 2.652 |
| 5 | OS5 | 2.250 | 2.045 |
| 1 | OS1 | 0.333 | 0.303 |
| 8 | OS8 | 0.000 | 0.000 |
| 10 | OS10 | 0.000 | 0.000 |
| 11 | OS11 | 0.000 | 0.000 |
| 3 | OS3 | 0.000 | 0.000 |

DESCRIPTIVE STATISTICS FOR EACH MEASURE

| | | 1 | 2 |
|---|----------|-------------|--------------|
| | | Betweenness | nBetweenness |
| | | ----- | ----- |
| 1 | Mean | 7.750 | 7.045 |
| 2 | Std Dev | 15.698 | 14.271 |
| 3 | Sum | 93.000 | 84.545 |
| 4 | Variance | 246.427 | 203.659 |
| 5 | SSQ | 3677.875 | 3039.566 |
| 6 | MCSSQ | 2957.125 | 2443.905 |
| 7 | Euc Norm | 60.645 | 55.132 |
| 8 | Minimum | 0.000 | 0.000 |
| 9 | Maximum | 58.417 | 53.106 |

Network Centralization Index = 50.25%

Output actor-by-centrality measure matrix saved as dataset FreemanBetweenness

Running time: 00:00:01
Output generated: 18 Jan 10 14:15:26
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