

FREEMAN' S DEGREE CENTRALITY MEASURES

Diagonal valid?  
 Model :  
 Input dataset:  
 Sota\Q3\Q3F2)

NO  
 ASYMMETRIC  
 Q3F2 (C:\Users\Sota\Desktop\Questionario Fase 2

|    |     | 1         | 2        | 3         | 4        |
|----|-----|-----------|----------|-----------|----------|
|    |     | OutDegree | InDegree | NrmOutDeg | NrmInDeg |
| 13 | E9  | 48.000    | 29.000   | 10.909    | 6.591    |
| 29 | A2  | 40.000    | 23.000   | 9.091     | 5.227    |
| 31 | A4  | 40.000    | 17.000   | 9.091     | 3.864    |
| 30 | A3  | 40.000    | 22.000   | 9.091     | 5.000    |
| 11 | E6  | 39.000    | 31.000   | 8.864     | 7.045    |
| 20 | OT3 | 39.000    | 23.000   | 8.864     | 5.227    |
| 38 | A11 | 38.000    | 28.000   | 8.636     | 6.364    |
| 9  | E4  | 37.000    | 33.000   | 8.409     | 7.500    |
| 8  | E3  | 36.000    | 30.000   | 8.182     | 6.818    |
| 12 | E7  | 36.000    | 31.000   | 8.182     | 7.045    |
| 35 | A8  | 36.000    | 21.000   | 8.182     | 4.773    |
| 14 | E14 | 35.000    | 29.000   | 7.955     | 6.591    |
| 34 | A7  | 35.000    | 19.000   | 7.955     | 4.318    |
| 39 | A12 | 35.000    | 21.000   | 7.955     | 4.773    |
| 36 | A9  | 33.000    | 20.000   | 7.500     | 4.545    |
| 28 | A1  | 31.000    | 25.000   | 7.045     | 5.682    |
| 7  | E2  | 27.000    | 23.000   | 6.136     | 5.227    |
| 6  | E1  | 27.000    | 35.000   | 6.136     | 7.955    |
| 26 | OT9 | 26.000    | 27.000   | 5.909     | 6.136    |
| 37 | A10 | 25.000    | 21.000   | 5.682     | 4.773    |
| 40 | A14 | 25.000    | 21.000   | 5.682     | 4.773    |
| 1  | M1  | 23.000    | 23.000   | 5.227     | 5.227    |
| 17 | E12 | 22.000    | 20.000   | 5.000     | 4.545    |
| 24 | OT7 | 22.000    | 24.000   | 5.000     | 5.455    |
| 23 | OT6 | 18.000    | 27.000   | 4.091     | 6.136    |
| 21 | OT4 | 18.000    | 28.000   | 4.091     | 6.364    |
| 3  | M3  | 17.000    | 24.000   | 3.864     | 5.455    |
| 10 | E5  | 17.000    | 22.000   | 3.864     | 5.000    |

|    |      |        |        |       |       |
|----|------|--------|--------|-------|-------|
| 27 | OT10 | 15.000 | 25.000 | 3.409 | 5.682 |
| 16 | E11  | 15.000 | 25.000 | 3.409 | 5.682 |
| 22 | OT5  | 14.000 | 21.000 | 3.182 | 4.773 |
| 25 | OT8  | 13.000 | 25.000 | 2.955 | 5.682 |
| 32 | A5   | 13.000 | 19.000 | 2.955 | 4.318 |
| 41 | A15  | 8.000  | 22.000 | 1.818 | 5.000 |
| 33 | A6   | 7.000  | 23.000 | 1.591 | 5.227 |
| 5  | M5   | 6.000  | 8.000  | 1.364 | 1.818 |
| 15 | E10  | 4.000  | 31.000 | 0.909 | 7.045 |
| 4  | M4   | 1.000  | 19.000 | 0.227 | 4.318 |
| 2  | M2   | 1.000  | 23.000 | 0.227 | 5.227 |
| 18 | OT1  | 1.000  | 6.000  | 0.227 | 1.364 |
| 19 | OT2  | 1.000  | 20.000 | 0.227 | 4.545 |

DESCRIPTIVE STATISTICS

|    |          | 1         | 2         | 3         | 4        |
|----|----------|-----------|-----------|-----------|----------|
|    |          | OutDegree | InDegree  | NrmOutDeg | NrmInDeg |
|    |          | -----     | -----     | -----     | -----    |
| 1  | Mean     | 23.512    | 23.512    | 5.344     | 5.344    |
| 2  | Std Dev  | 13.221    | 5.618     | 3.005     | 1.277    |
| 3  | Sum      | 964.000   | 964.000   | 219.091   | 219.091  |
| 4  | Variance | 174.786   | 31.567    | 9.028     | 1.631    |
| 5  | SSQ      | 29832.000 | 23960.000 | 1540.909  | 1237.603 |
| 6  | MCSSQ    | 7166.244  | 1294.244  | 370.157   | 66.851   |
| 7  | Euc Norm | 172.719   | 154.790   | 39.254    | 35.180   |
| 8  | Minimum  | 1.000     | 6.000     | 0.227     | 1.364    |
| 9  | Maximum  | 48.000    | 35.000    | 10.909    | 7.955    |
| 10 | N of Obs | 41.000    | 41.000    | 41.000    | 41.000   |

Network Centralization (Outdegree) = 5.851%

Network Centralization (Indegree) = 2.745%

Note: For valued data, the normalized centrality may be larger than 100.

Also, the centralization statistic is divided by the maximum value in the input dataset.

Actor-by-centrality matrix saved as dataset Q3F2-deg

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Running time: 00:00:01  
Output generated: 16 Set 12 15:02:01  
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