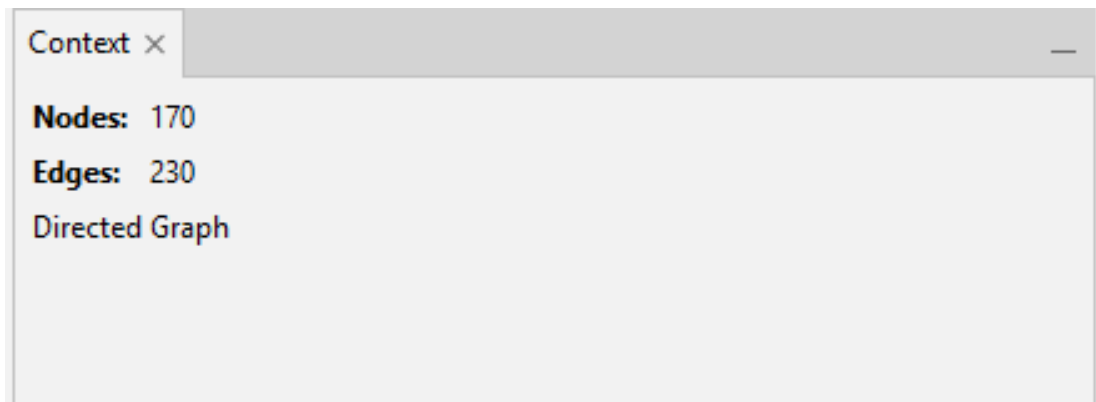


Supplementary Information S1. Network Analysis: Gephi Statistics and Diagnostic Outputs for the Pre-policy Evidence Network (2013–2018). Compilation of screenshots documenting the complete Gephi-generated network analysis outputs, including network overview, community detection, connectivity, graph-distance, density, clustering coefficient, node-level, and edge-level analyses underlying the network characteristics.

S1.1 Network Construction and Overview.

S1.1.1. 170 nodes, 230 directed edges.

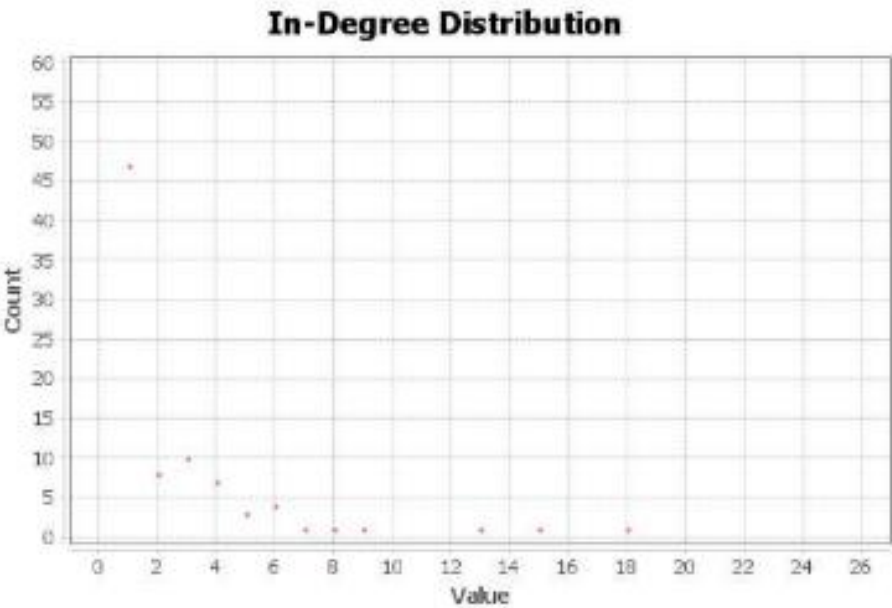
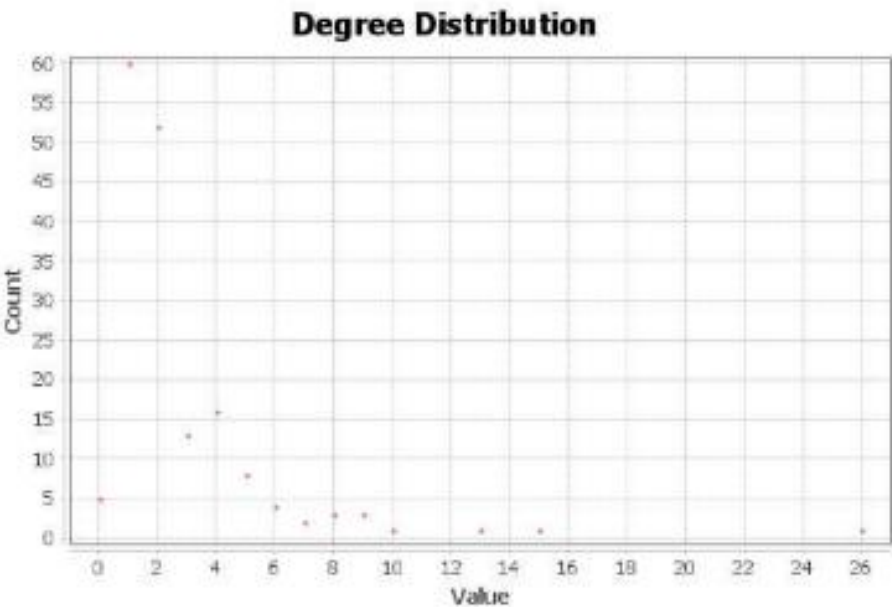


S1.1.2. Degree.

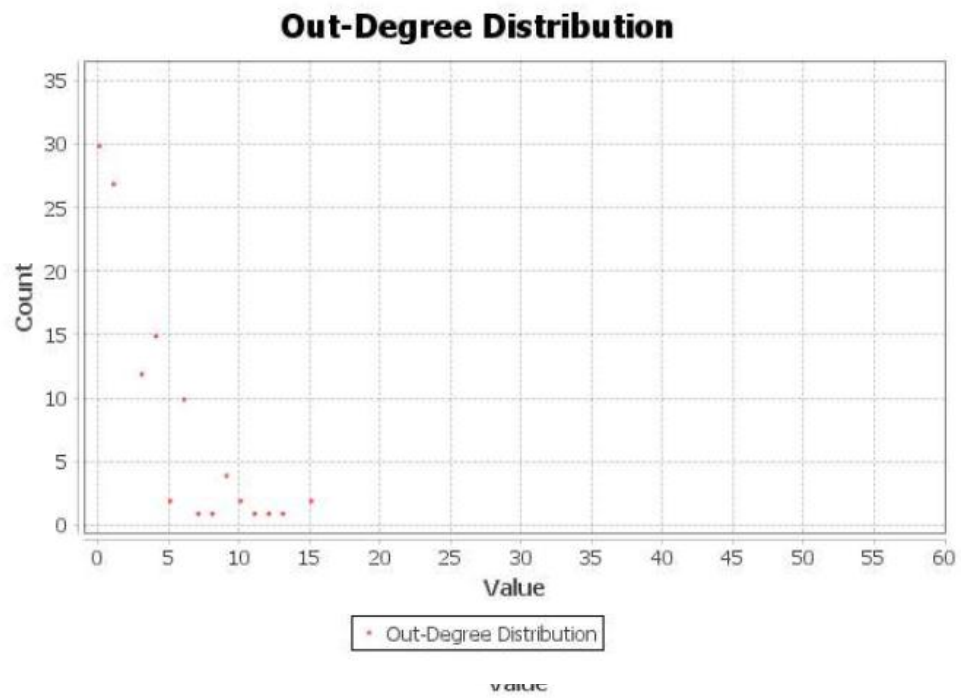
Degree Report

Results:

Average Degree: 1,353



Continuation....

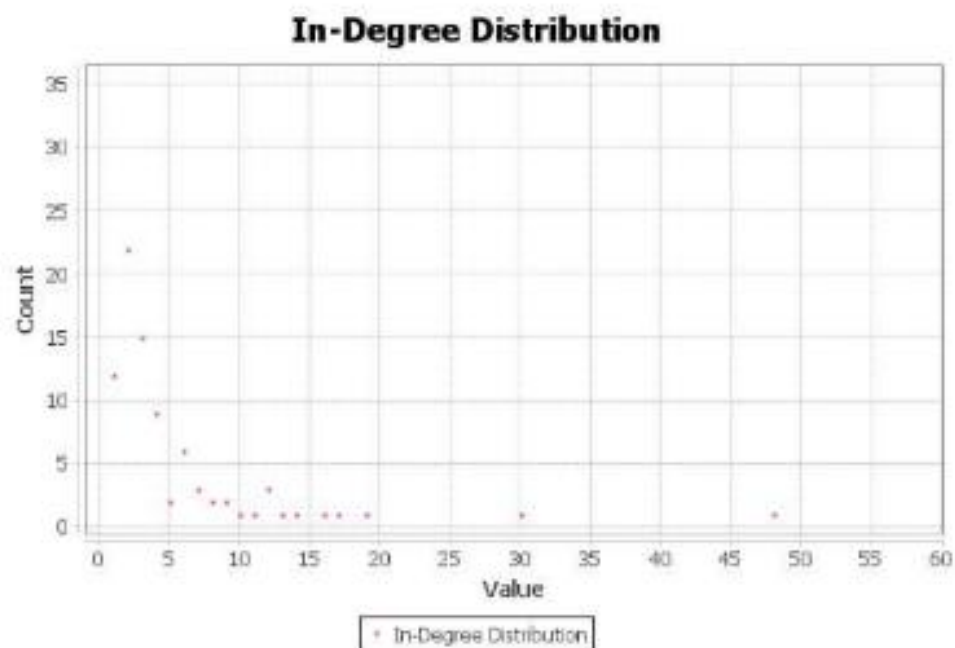
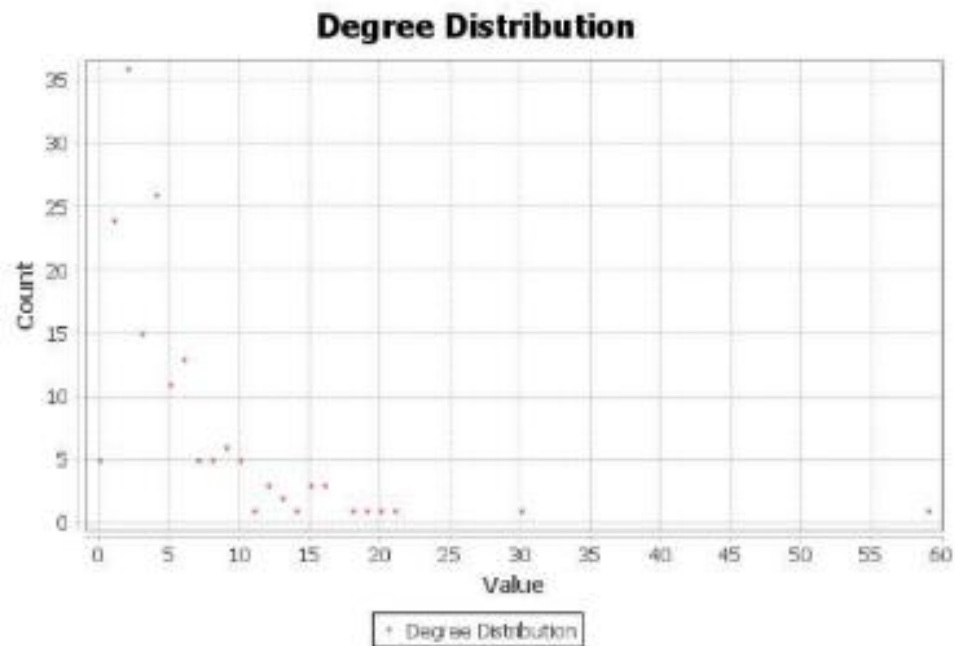


S1.1.2. *Weighted Degree.*

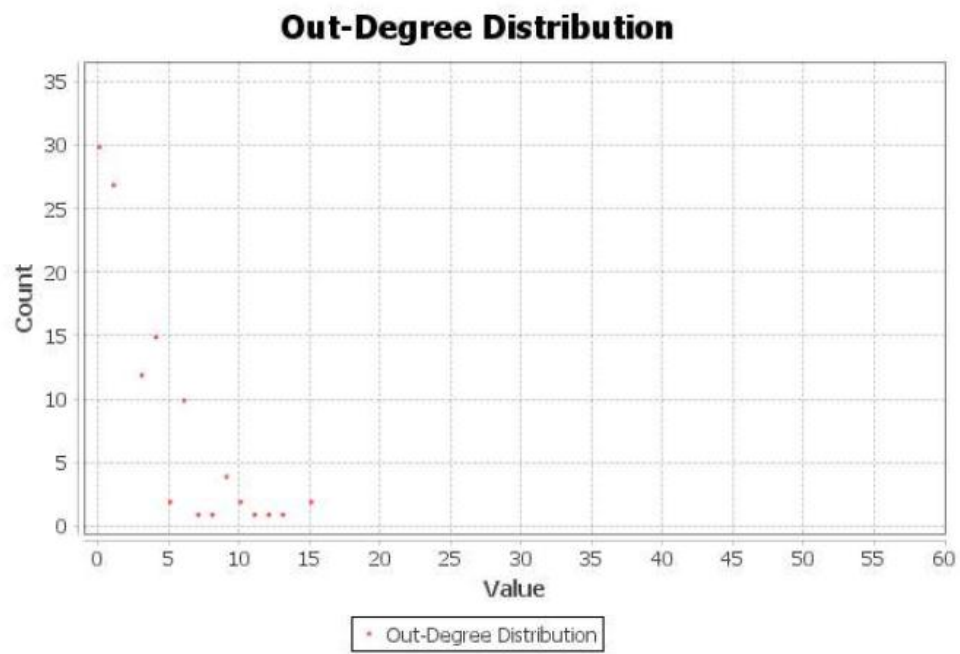
Weighted Degree Report

Results:

Average Weighted Degree: 2,659



Continuation....



S1.2 Connectivity and Graph Distance.

S1.2.1. 10 weak components, 158 strong components

Connected Components Report

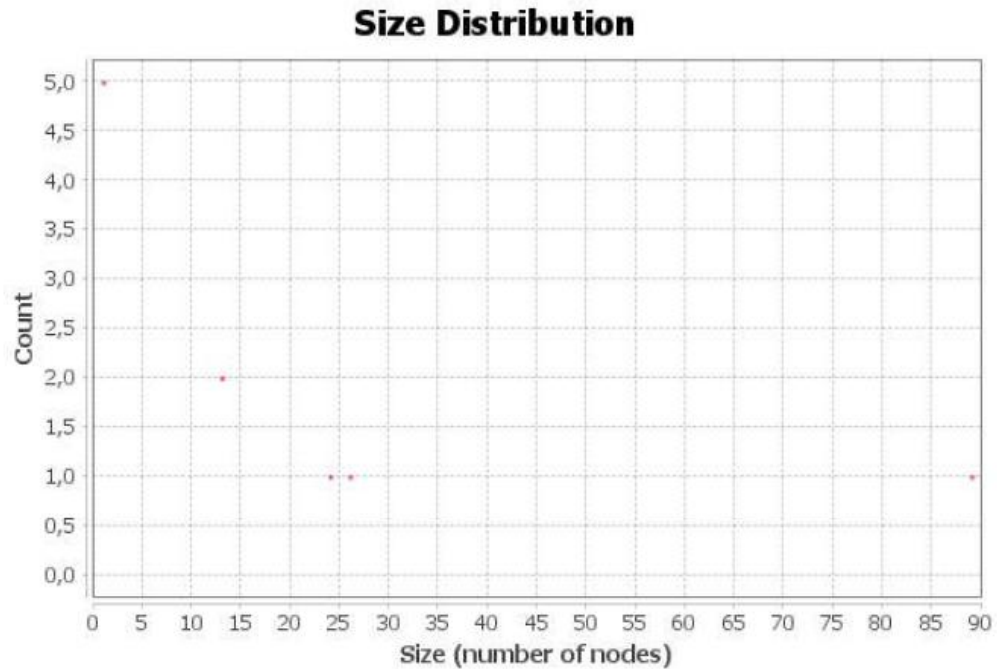
Parameters:

Network Interpretation: directed

Results:

Number of Weakly Connected Components: 10

Number of Strongly Connected Components: 158



Algorithm:

Robert Tarjan, *Depth-First Search and Linear Graph Algorithms*, in *SIAM Journal on Computing* 1 (2): 146–160 (1972)

S1.2.2. Diameter, Radius, Average Path Length.

Graph Distance Report

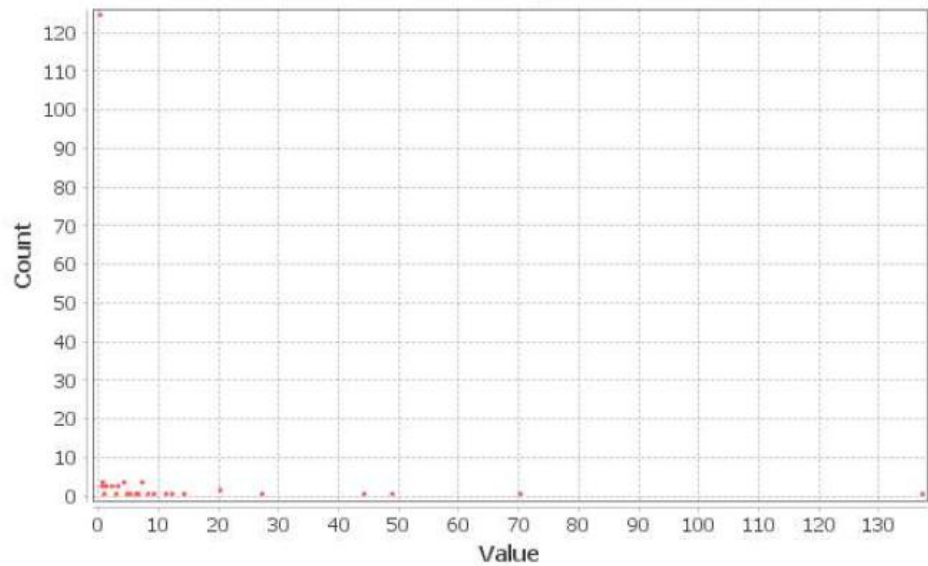
Parameters:

Network Interpretation: directed

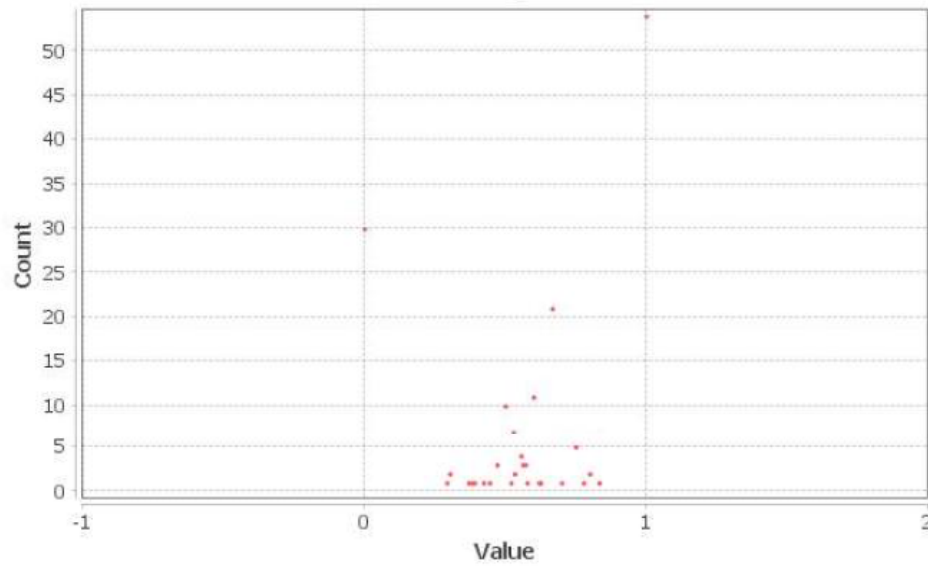
Results:

Diameter: 5
Radius: 0
Average Path length: 1.8462809917355372

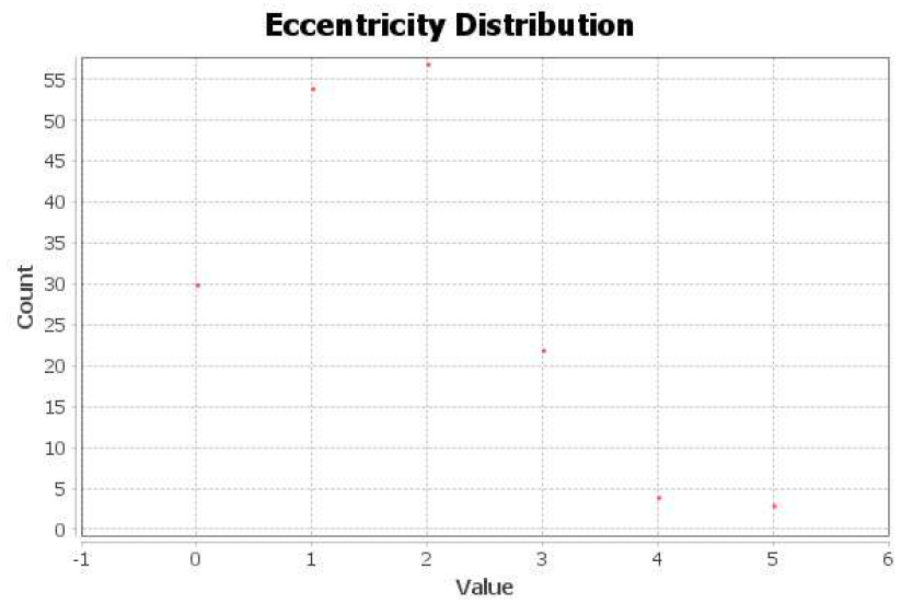
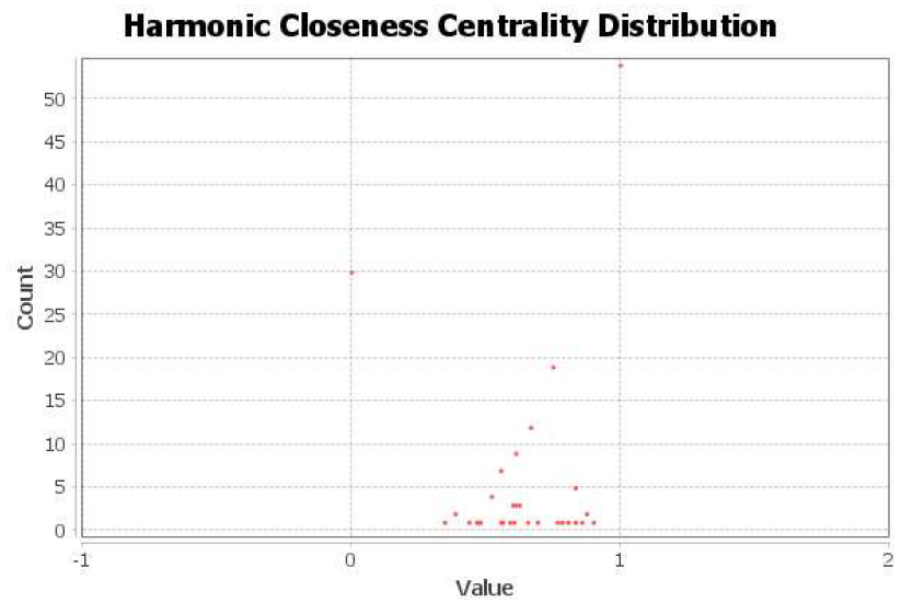
Betweenness Centrality Distribution



Closeness Centrality Distribution



Continuation....



S1.3 Density and Local Clustering.

S1.3.1. Density

Graph Density Report

Parameters:

Network Interpretation: directed

Results:

Density: 0,008

S1.3.2. Clustering Coefficient.

Clustering Coefficient Metric Report

Parameters:

Network Interpretation: directed

Results:

Average Clustering Coefficient: 0,109

The Average Clustering Coefficient is the mean value of individual coefficients.

S1.4 Community Structure.

- 15 communities, modularity 0.816, parameters.

Modularity Report

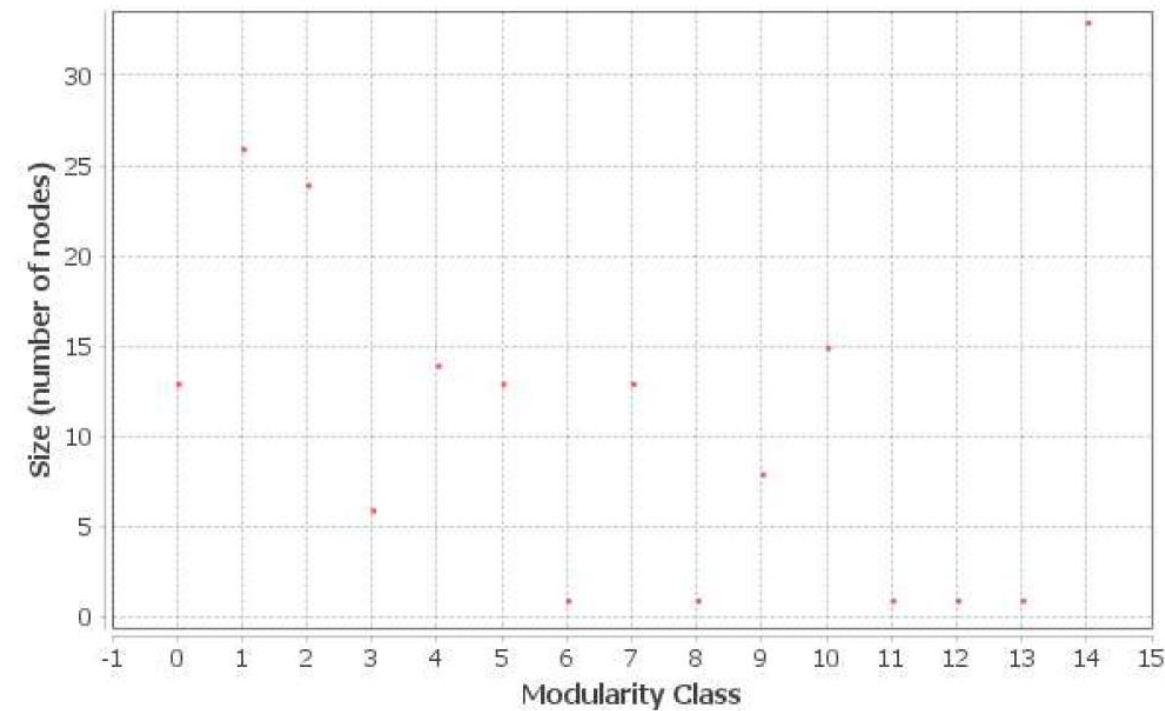
Parameters:

Randomize: On
Use edge weights: On
Resolution: 1.0

Results:

Modularity: 0,816
Modularity with resolution: 0,816
Number of Communities: 15

Size Distribution



S1.4.1 Community Detection Diagnostic.

- 11 communities / description length from statistical inference, clearly separated from primary modularity result.

Statistical Inference Report

Results:

Description Length: 1139,016

Number of Communities: 11



S1.5 Centrality Analysis.

- Eigenvector centrality and top-ranked actors.

Eigenvector Centrality Report

Parameters:

Network Interpretation: directed

Number of iterations: 100

Sum change: 0.032076435107630294

Results:

Eigenvector Centrality Distribution

