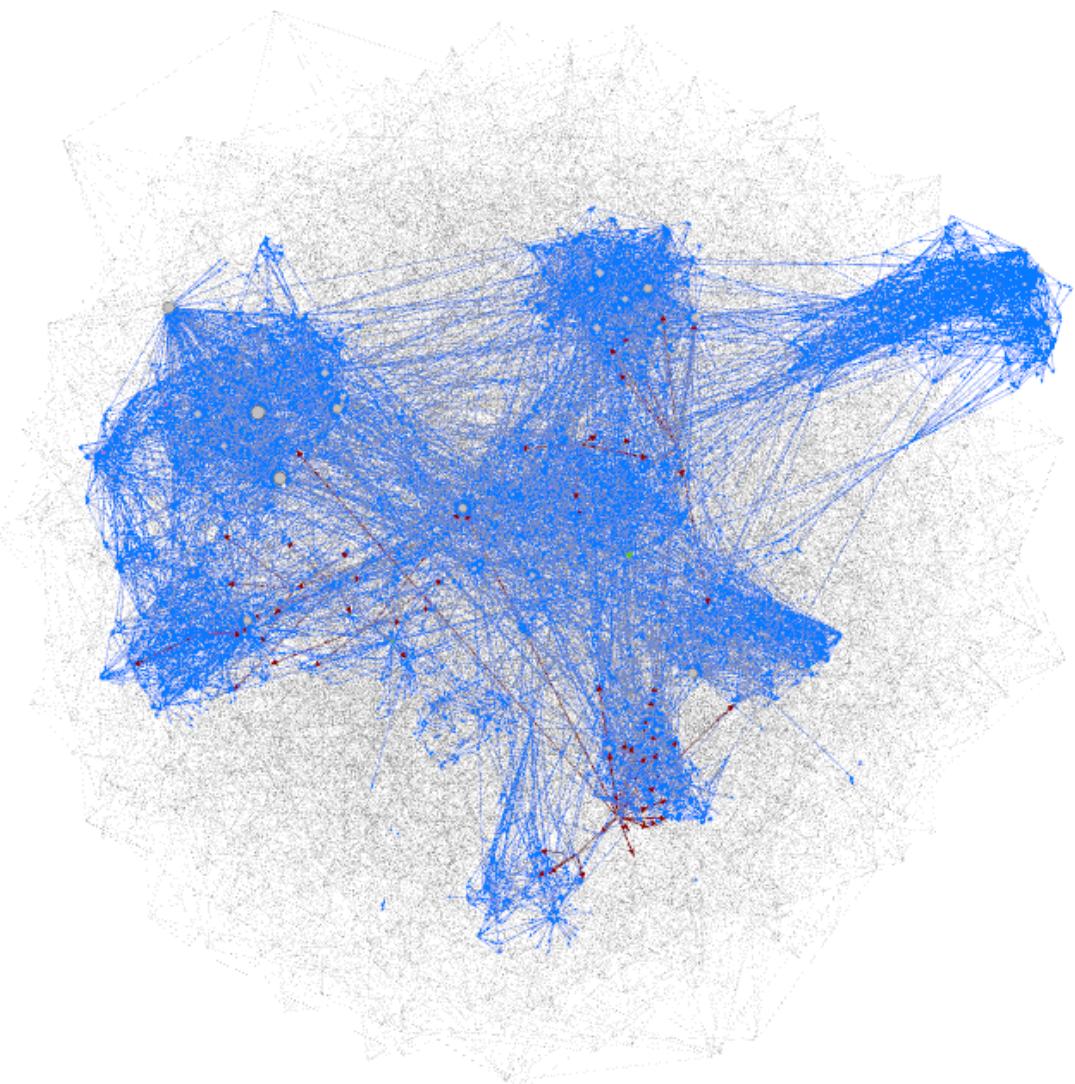
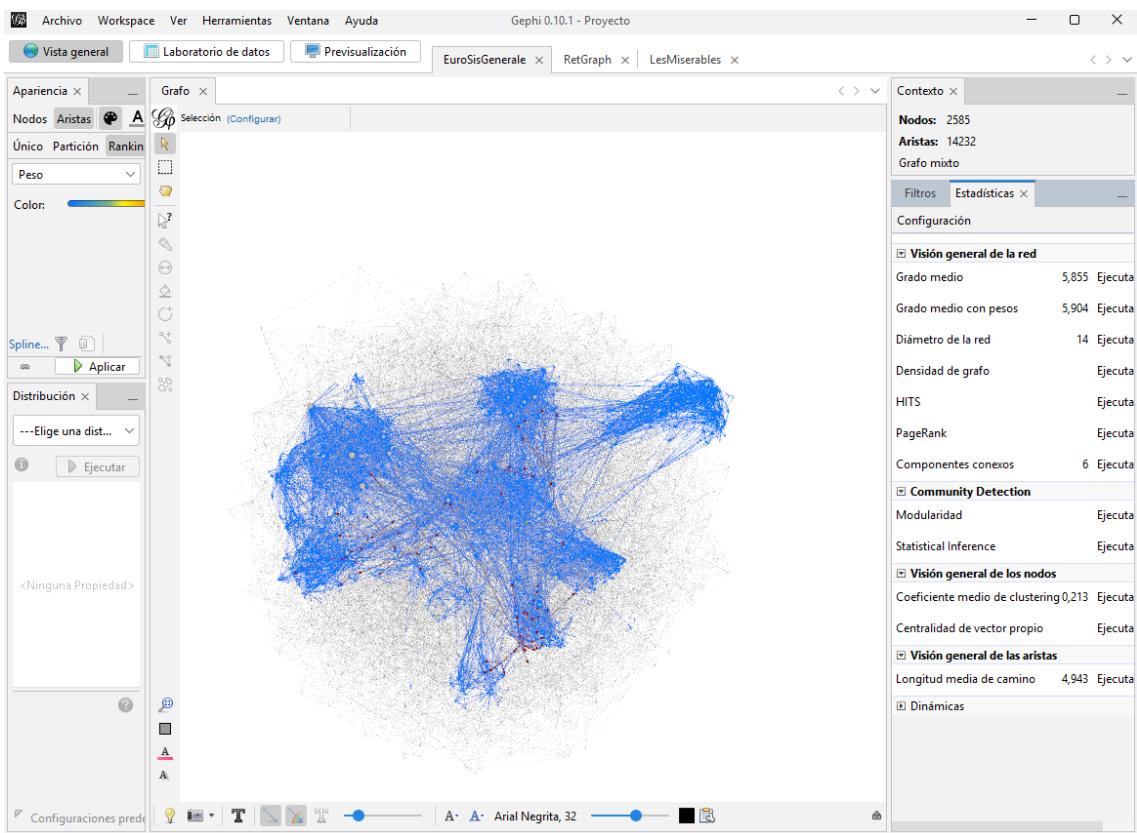


EuroSisGenerale.gexf





Nodos: 1285

Aristas: 7524

Grafo Dirigido: Si

Grafo con pesos: Si

Gephi 0.10.1 - Proyecto

EuroSisGenerale

Tabla de datos

| Nodos | Aristas | Configuración | Añadir nodo | Añadir arista | Buscar/Reemplazar | Importar hoja de cálculo | Exportar tabla | Más acciones | Filtros | Origen | Destino | Tipo | Id | Label | Interval | Weight |
|-------|---------|---------------|-------------|---------------|-------------------|--------------------------|----------------|--------------|---------|--------|---------|----------|-------|-------|----------|--------|
| 1581 | 1862 | | | Dirigida | 8992 | | | | | 1581 | 1862 | Dirigida | 8992 | | 2.0 | |
| 1581 | 2097 | | | Dirigida | 8995 | | | | | 1581 | 2097 | Dirigida | 8995 | | 2.0 | |
| 1581 | 2120 | | | Dirigida | 8996 | | | | | 1581 | 2120 | Dirigida | 8996 | | 2.0 | |
| 1581 | 2267 | | | Dirigida | 8997 | | | | | 1581 | 2267 | Dirigida | 8997 | | 2.0 | |
| 1581 | 2272 | | | Dirigida | 9001 | | | | | 1581 | 2272 | Dirigida | 9001 | | 2.0 | |
| 1581 | 2510 | | | Dirigida | 8999 | | | | | 1581 | 2510 | Dirigida | 8999 | | 2.0 | |
| 1581 | 2511 | | | Dirigida | 8998 | | | | | 1581 | 2511 | Dirigida | 8998 | | 2.0 | |
| 1581 | 2530 | | | Dirigida | 8994 | | | | | 1581 | 2530 | Dirigida | 8994 | | 2.0 | |
| 1581 | 2548 | | | Dirigida | 9000 | | | | | 1581 | 2548 | Dirigida | 9000 | | 2.0 | |
| 1581 | 2556 | | | Dirigida | 8993 | | | | | 1581 | 2556 | Dirigida | 8993 | | 2.0 | |
| 1768 | 1578 | | | Dirigida | 10108 | | | | | 1768 | 1578 | Dirigida | 10108 | | 2.0 | |
| 1768 | 1697 | | | Dirigida | 10109 | | | | | 1768 | 1697 | Dirigida | 10109 | | 2.0 | |
| 1768 | 1698 | | | Dirigida | 10110 | | | | | 1768 | 1698 | Dirigida | 10110 | | 2.0 | |
| 1768 | 2193 | | | Dirigida | 10107 | | | | | 1768 | 2193 | Dirigida | 10107 | | 2.0 | |
| 1976 | 1518 | | | Dirigida | 11183 | | | | | 1976 | 1518 | Dirigida | 11183 | | 2.0 | |
| 1976 | 1969 | | | Dirigida | 11180 | | | | | 1976 | 1969 | Dirigida | 11180 | | 2.0 | |
| 1976 | 2014 | | | Dirigida | 11179 | | | | | 1976 | 2014 | Dirigida | 11179 | | 2.0 | |
| 1976 | 2289 | | | Dirigida | 11181 | | | | | 1976 | 2289 | Dirigida | 11181 | | 2.0 | |
| 1976 | 2339 | | | Dirigida | 11182 | | | | | 1976 | 2339 | Dirigida | 11182 | | 2.0 | |
| 2031 | 1501 | | | Dirigida | 11388 | | | | | 2031 | 1501 | Dirigida | 11388 | | 2.0 | |
| 2031 | 1824 | | | Dirigida | 11386 | | | | | 2031 | 1824 | Dirigida | 11386 | | 2.0 | |
| 2031 | 1853 | | | Dirigida | 11382 | | | | | 2031 | 1853 | Dirigida | 11382 | | 2.0 | |
| 2031 | 1882 | | | Dirigida | 11389 | | | | | 2031 | 1882 | Dirigida | 11389 | | 2.0 | |
| 2031 | 2004 | | | Dirigida | 11387 | | | | | 2031 | 2004 | Dirigida | 11387 | | 2.0 | |
| 2031 | 2106 | | | Dirigida | 11385 | | | | | 2031 | 2106 | Dirigida | 11385 | | 2.0 | |
| 2031 | 2172 | | | Dirigida | 11383 | | | | | 2031 | 2172 | Dirigida | 11383 | | 2.0 | |
| 2031 | 2297 | | | Dirigida | 11384 | | | | | 2031 | 2297 | Dirigida | 11384 | | 2.0 | |
| 2182 | 1571 | | | Dirigida | 12309 | | | | | 2182 | 1571 | Dirigida | 12309 | | 2.0 | |
| 2182 | 1680 | | | Dirigida | 12300 | | | | | 2182 | 1680 | Dirigida | 12300 | | 2.0 | |
| 2182 | 1766 | | | Dirigida | 12302 | | | | | 2182 | 1766 | Dirigida | 12302 | | 2.0 | |
| 2182 | 1805 | | | Dirigida | 12306 | | | | | 2182 | 1805 | Dirigida | 12306 | | 2.0 | |
| 2182 | 1824 | | | Dirigida | 12304 | | | | | 2182 | 1824 | Dirigida | 12304 | | 2.0 | |
| 2182 | 1839 | | | Dirigida | 12292 | | | | | 2182 | 1839 | Dirigida | 12292 | | 2.0 | |
| 2182 | 1904 | | | Dirigida | 12291 | | | | | 2182 | 1904 | Dirigida | 12291 | | 2.0 | |
| 2182 | 2140 | | | Dirigida | 12297 | | | | | 2182 | 2140 | Dirigida | 12297 | | 2.0 | |
| 2182 | 2143 | | | Dirigida | 12288 | | | | | 2182 | 2143 | Dirigida | 12288 | | 2.0 | |
| 2182 | 2179 | | | Dirigida | 12289 | | | | | 2182 | 2179 | Dirigida | 12289 | | 2.0 | |

Longitud Media de los Caminos entre nodos:

Graph Distance Report

Parameters:

Network Interpretation: directed

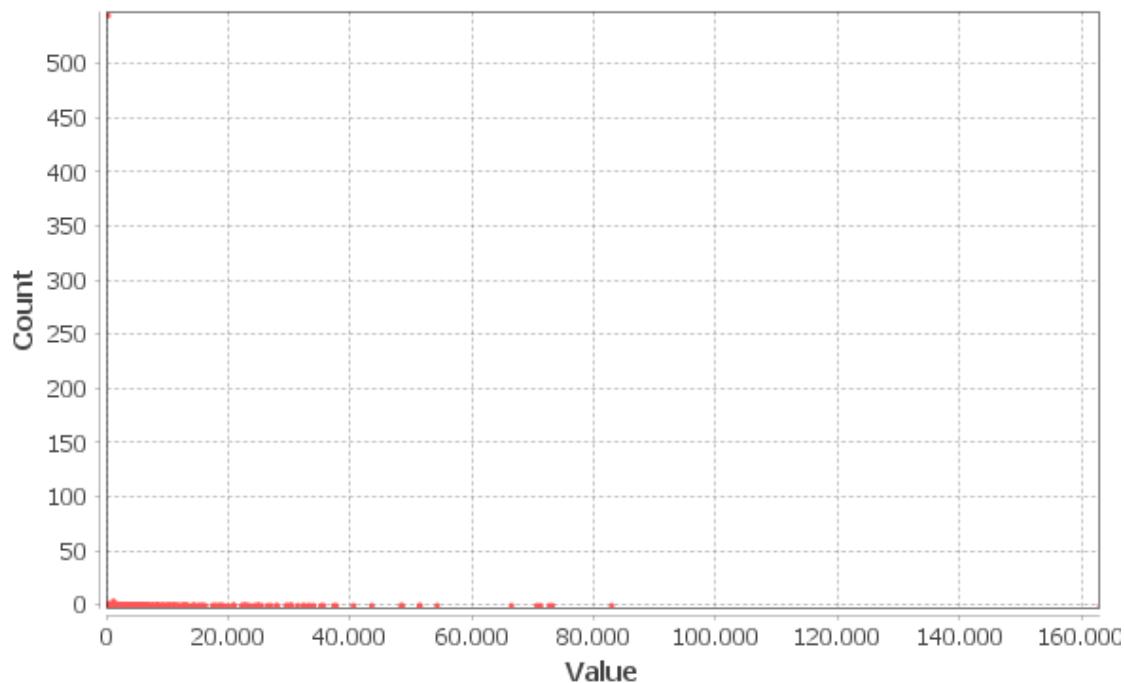
Results:

Diameter: 14

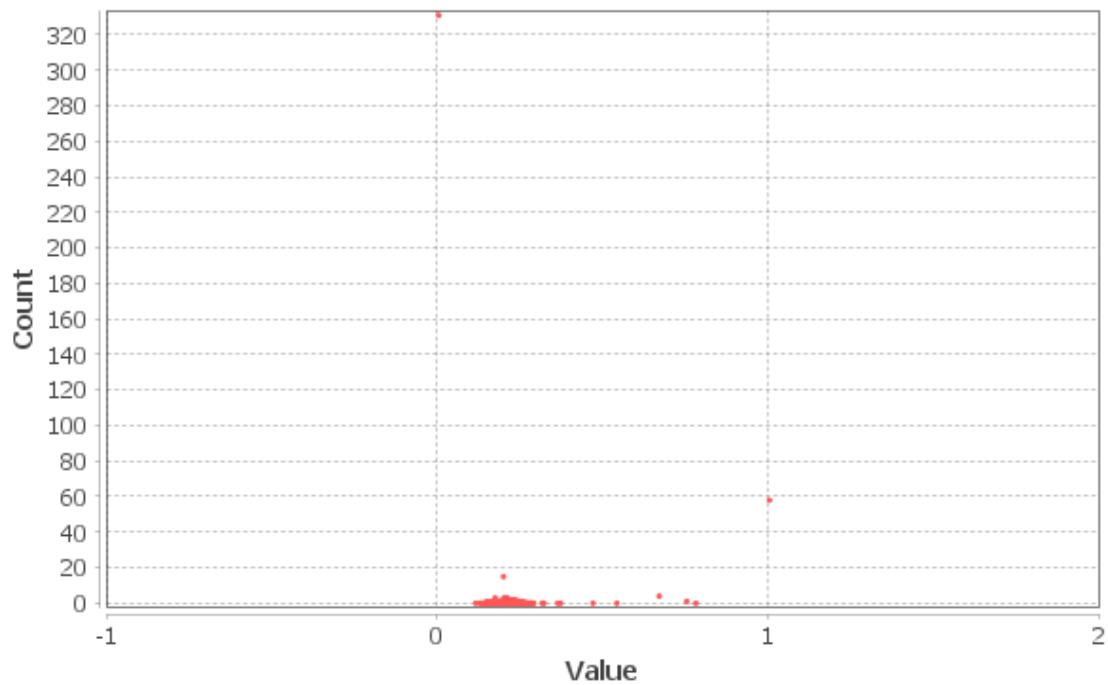
Radius: 0

Average Path length: 4.942991357845991

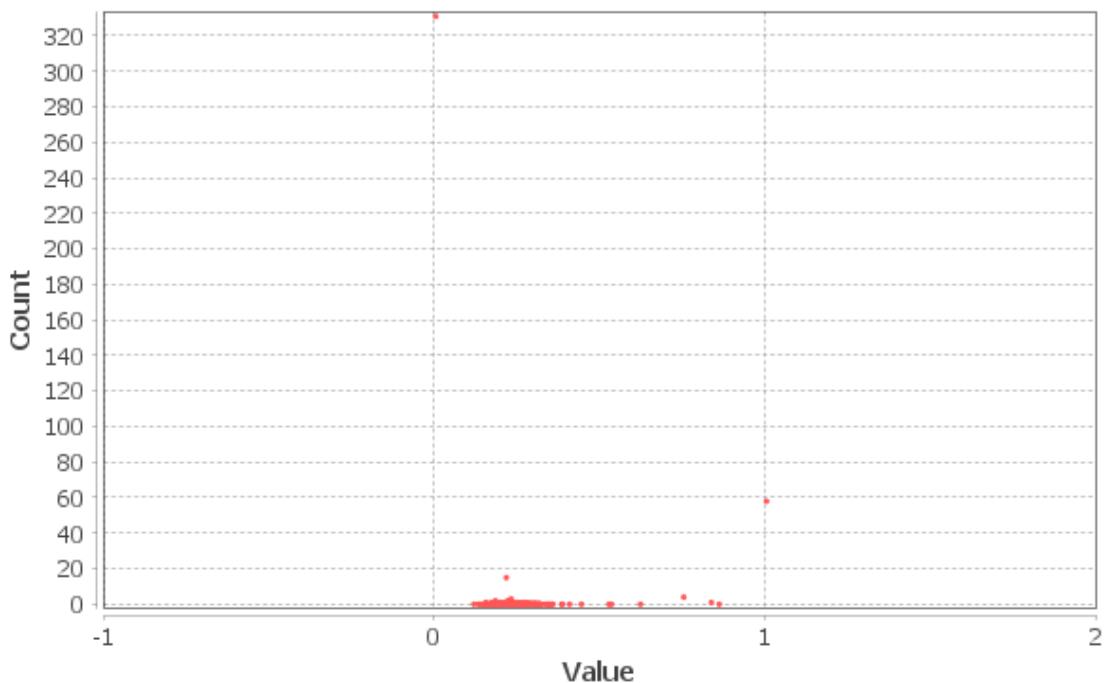
Betweenness Centrality Distribution



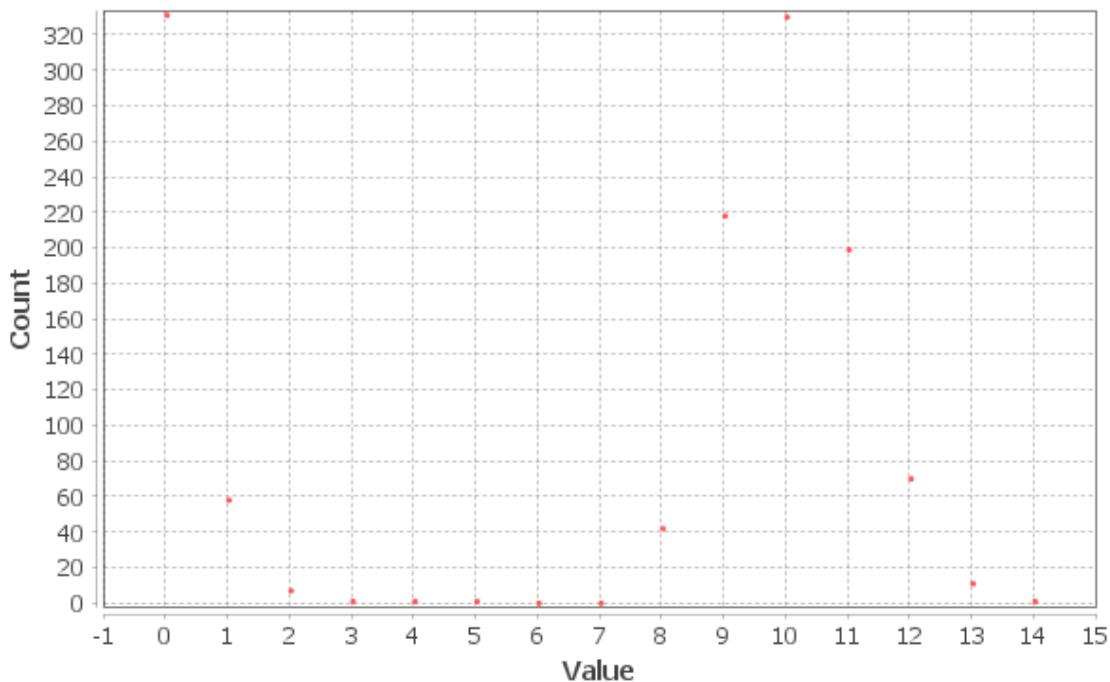
Closeness Centrality Distribution



Harmonic Closeness Centrality Distribution



Eccentricity Distribution



Algorithm:

Ulrik Brandes, *A Faster Algorithm for Betweenness Centrality*, in Journal of Mathematical Sociology 25(2):163-177, (2001)

Coeficiente de Clustering medio:

Clustering Coefficient Metric Report

Parameters:

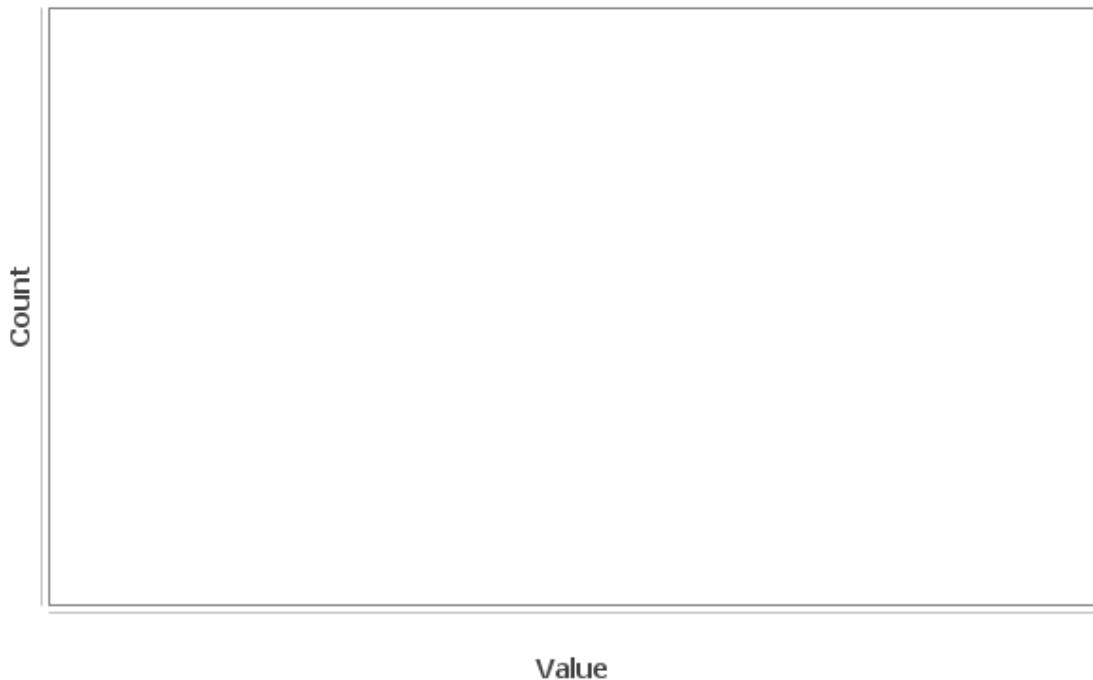
Network Interpretation: directed

Results:

Average Clustering Coefficient: 0,213

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

Clustering Coefficient Distribution



Algorithm:

Simple and slow brute force.

diámetro de la Red:

Graph Distance Report

Parameters:

Network Interpretation: directed

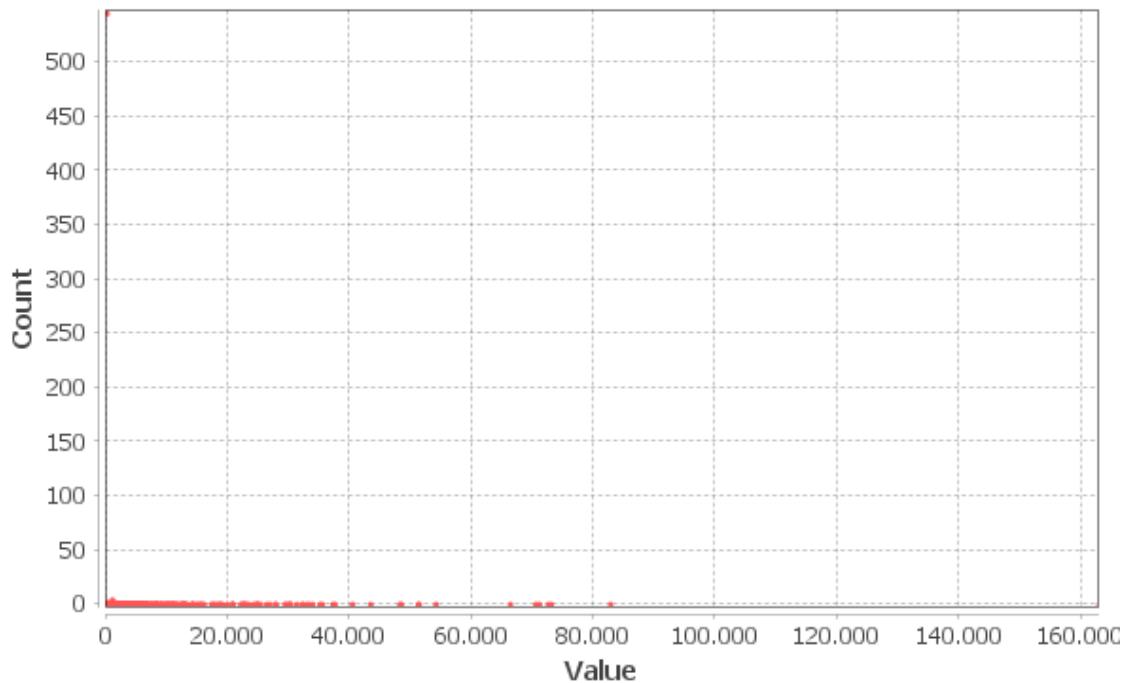
Results:

Diameter: 14

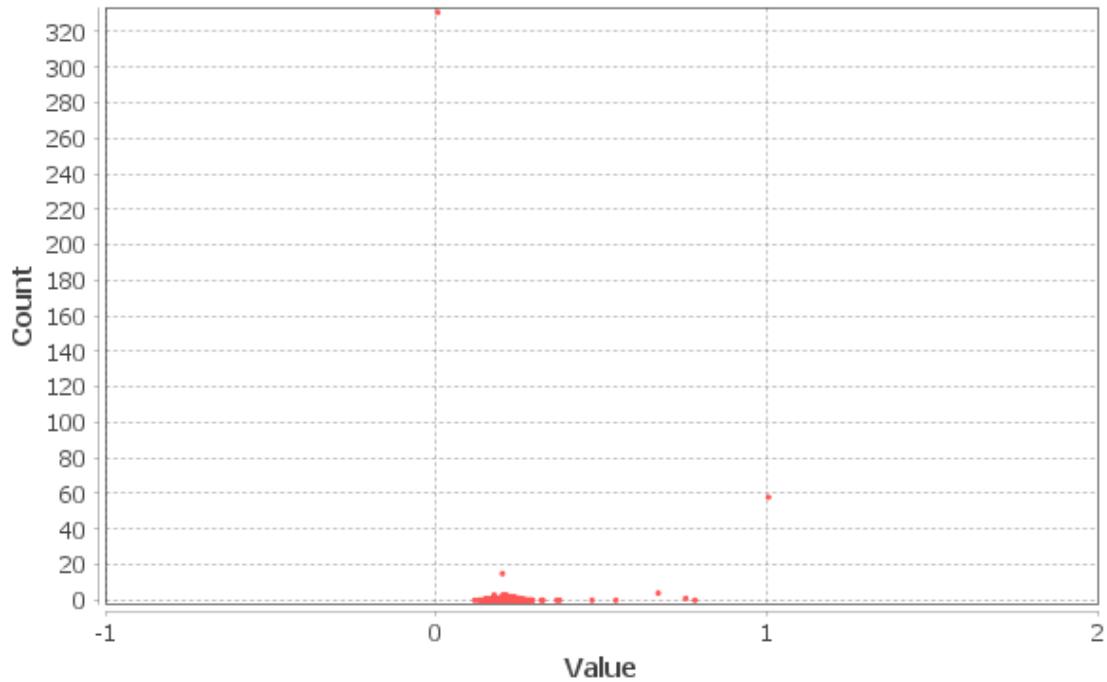
Radius: 0

Average Path length: 4.942991357845991

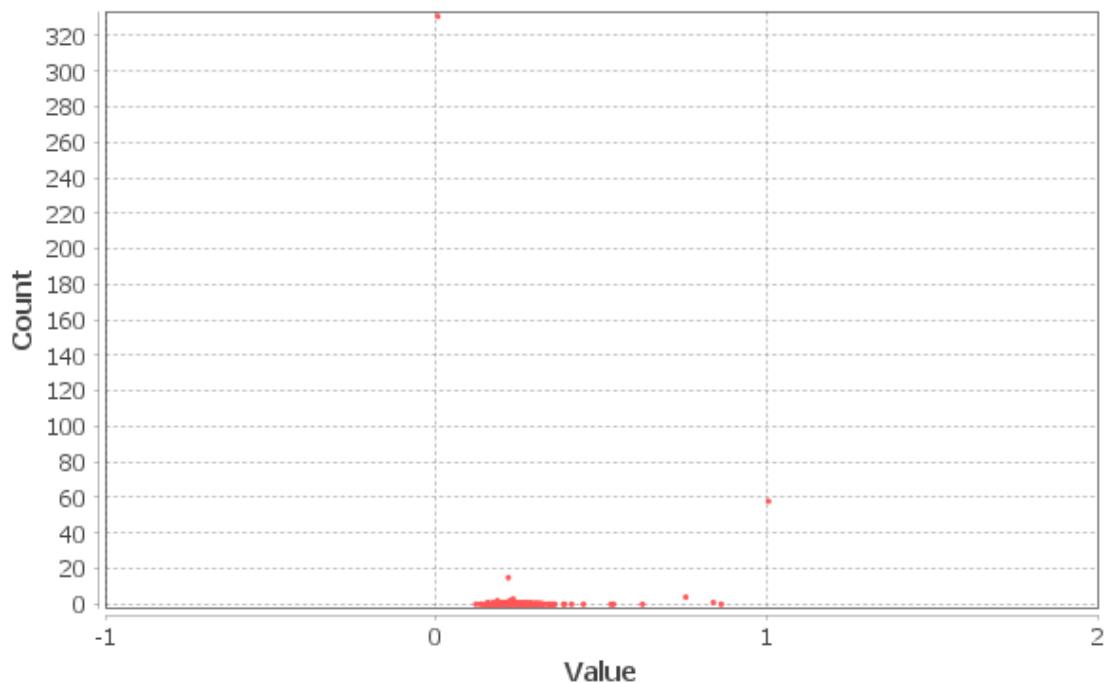
Betweenness Centrality Distribution



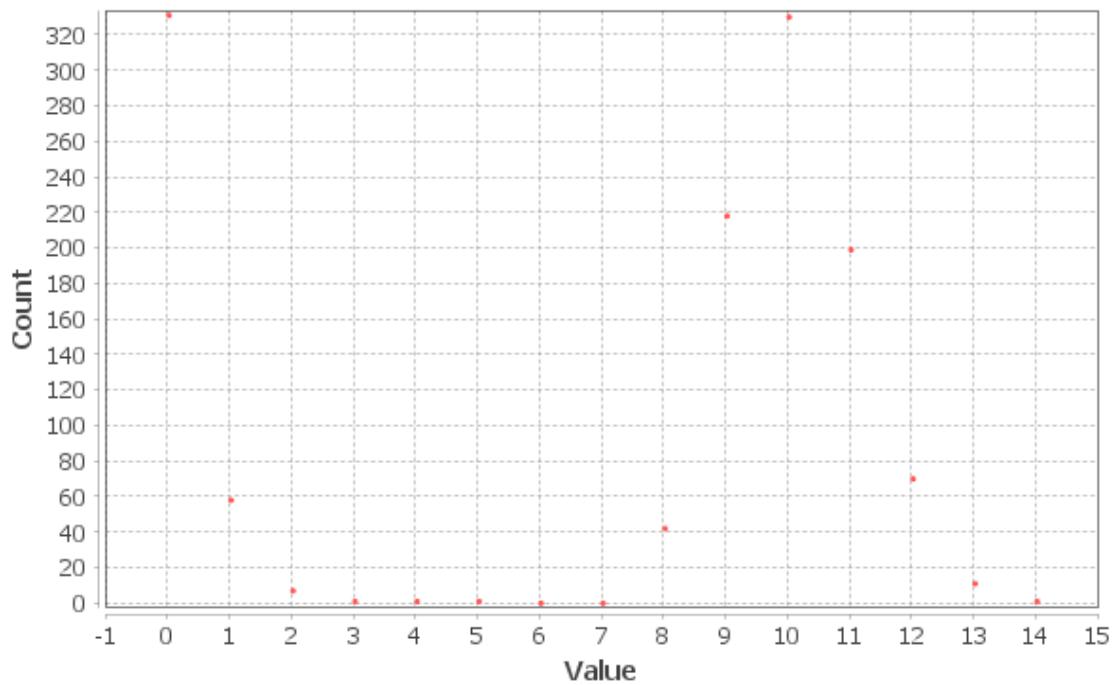
Closeness Centrality Distribution



Harmonic Closeness Centrality Distribution



Eccentricity Distribution



Algorithm:

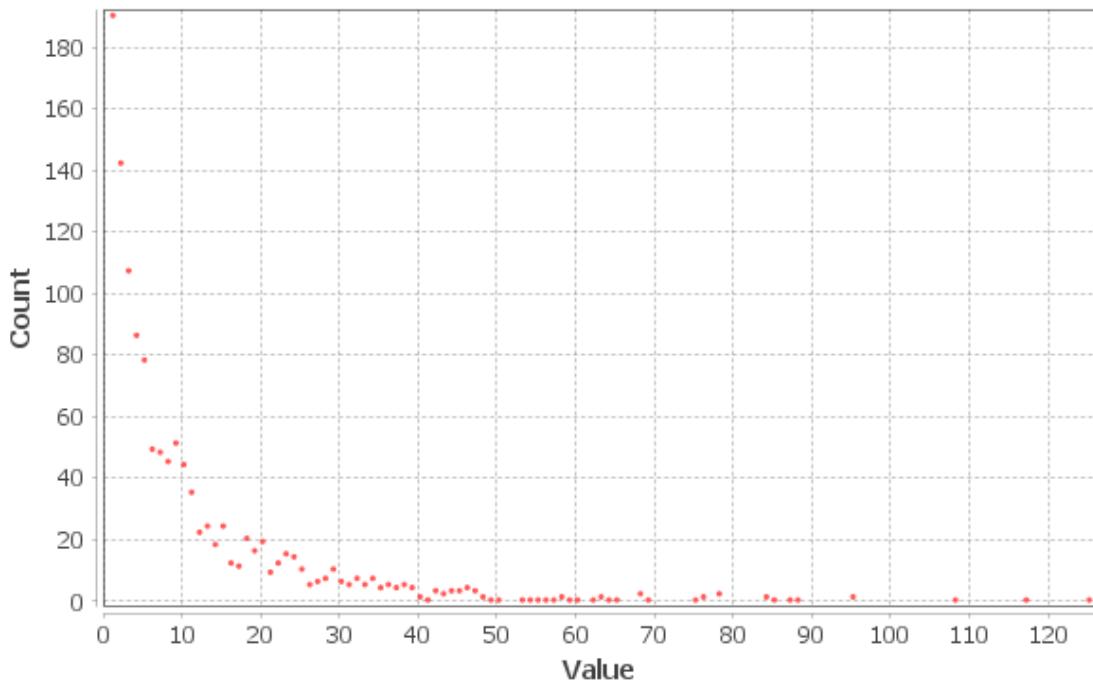
Ulrik Brandes, *A Faster Algorithm for Betweenness Centrality*, in Journal of Mathematical Sociology 25(2):163-177, (2001)

Grado Medio: **Degree Report**

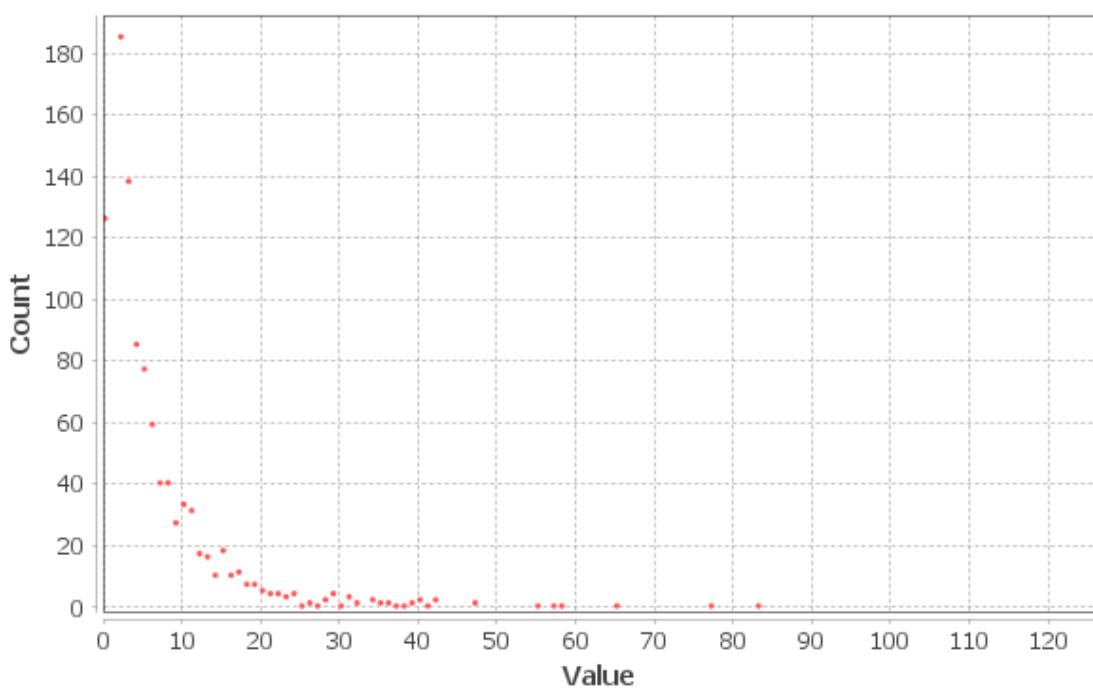
Results:

Average Degree: 5,855

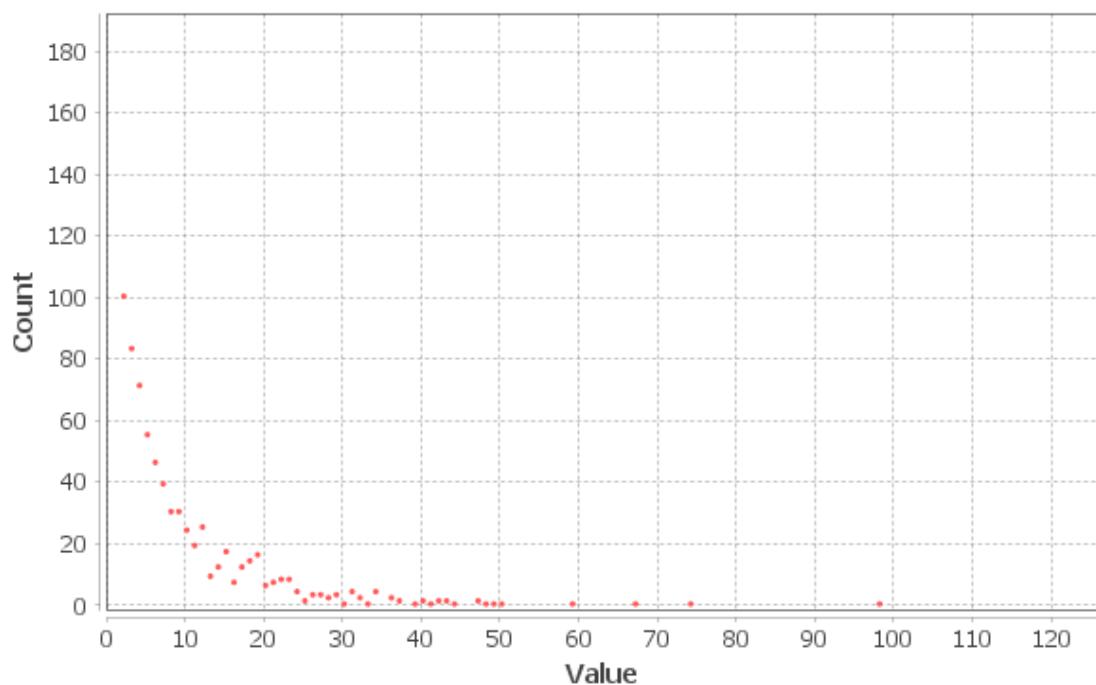
Degree Distribution



In-Degree Distribution



Out-Degree Distribution



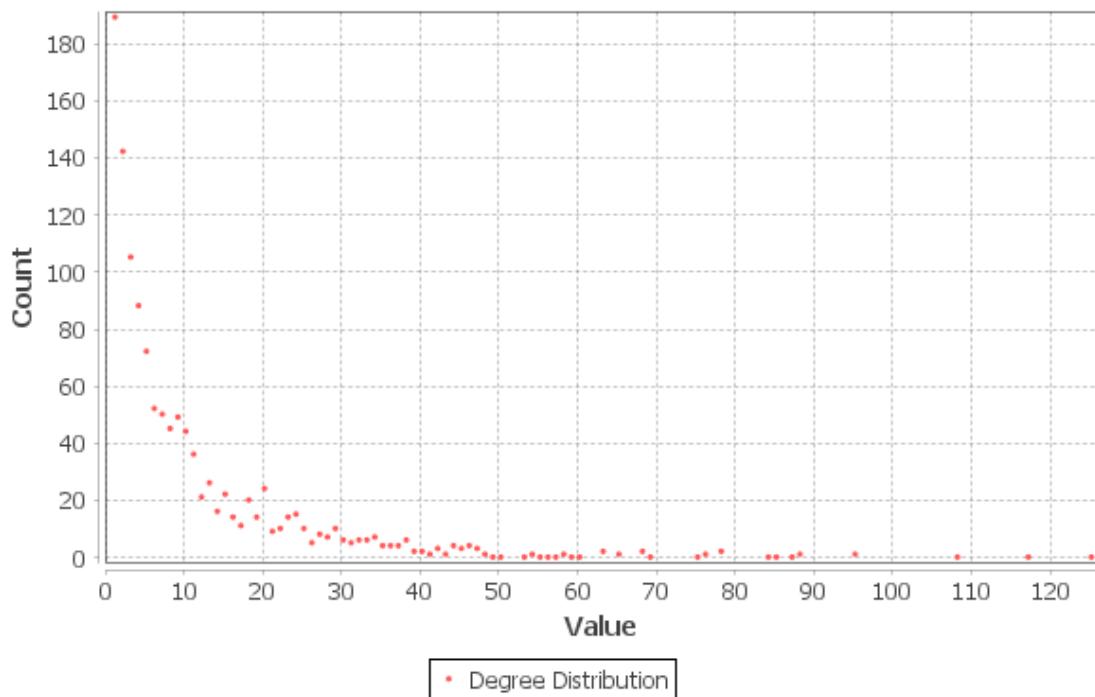
Grado Medio con Pesos:

Weighted Degree Report

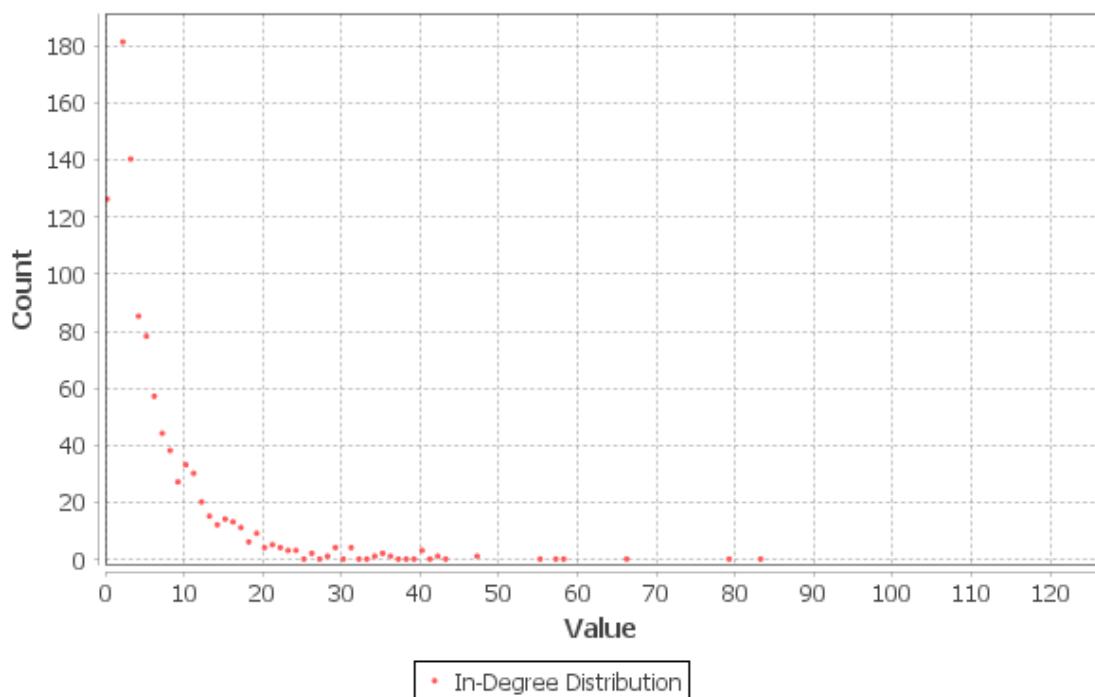
Results:

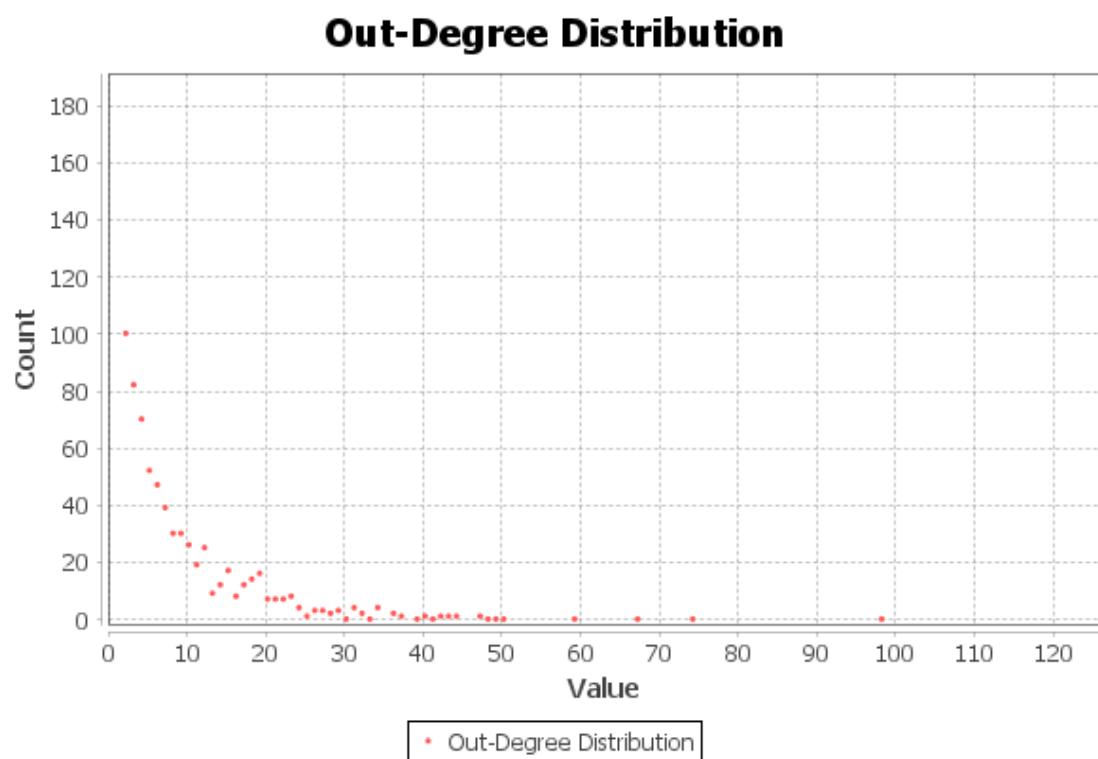
Average Weighted Degree: 5,904

Degree Distribution



In-Degree Distribution





Número de componentes conexas fuerte y débilmente conectadas.

Connected Components Report

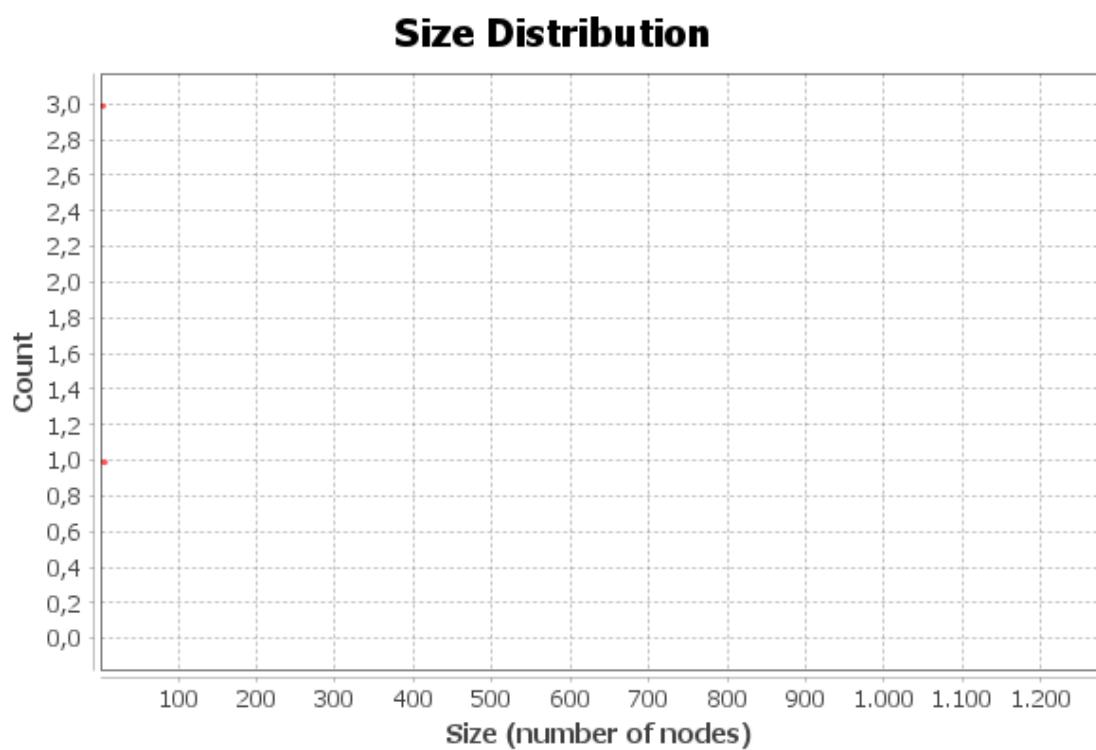
Parameters:

Network Interpretation: directed

Results:

Number of Weakly Connected Components: 6

Number of Strongly Connected Components: 511

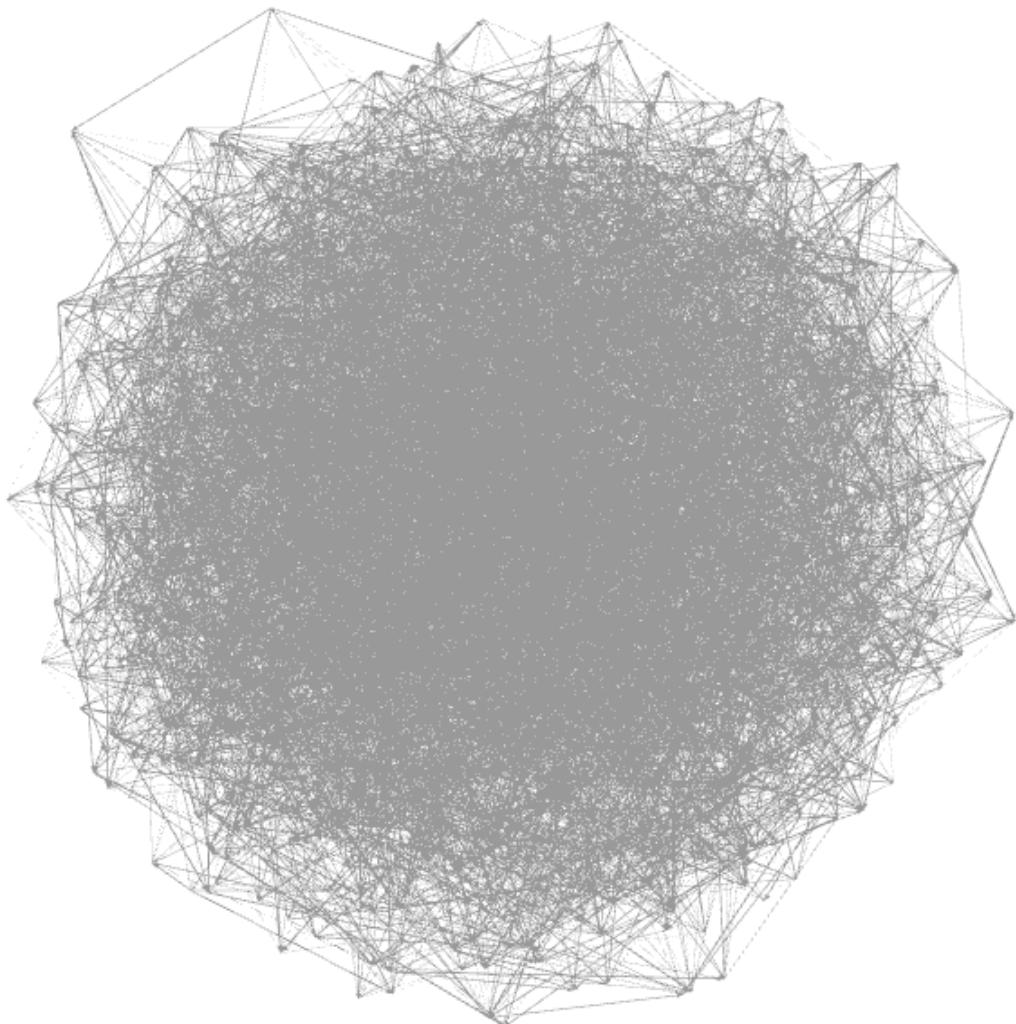


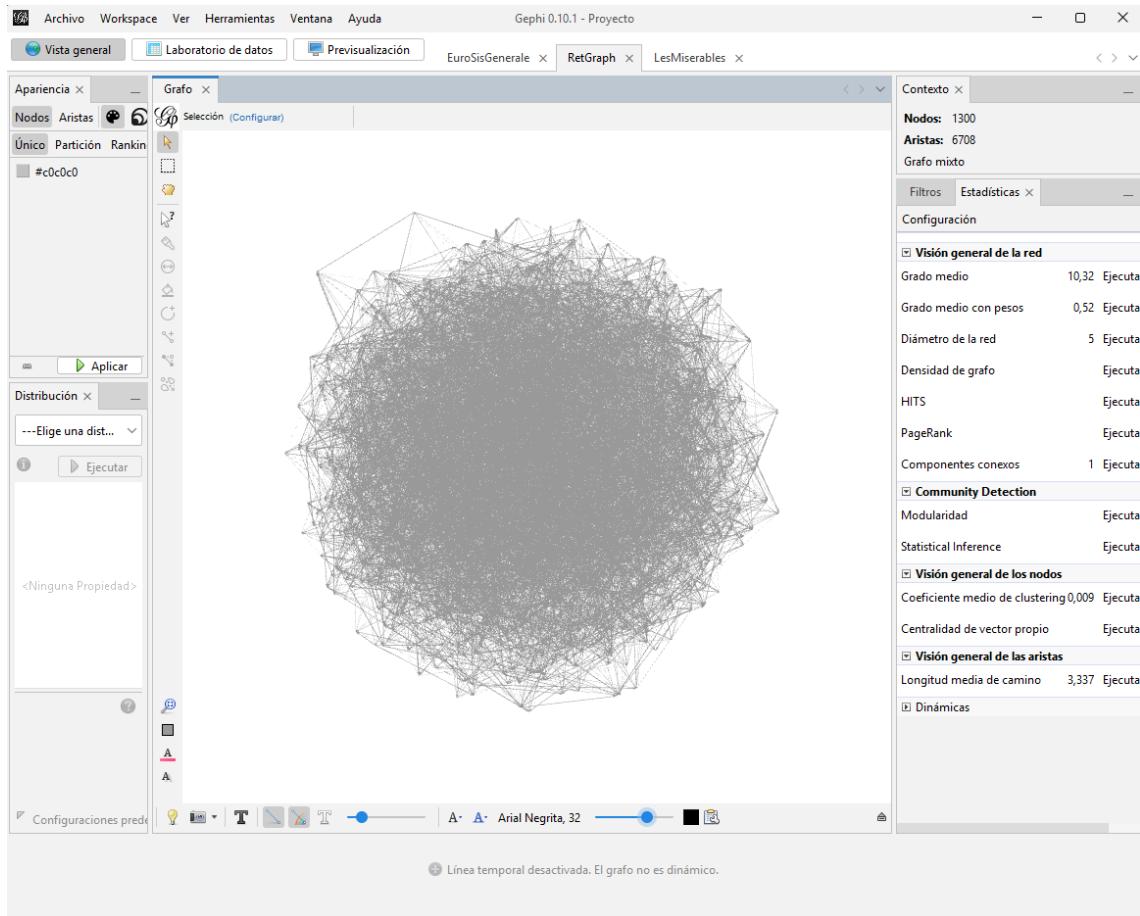
Algorithm:

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

reflexión acerca de su distribución del grado y una posible clasificación según los modelos de red o tipos de grafo presentados en el curso:

RetGraph.gephi





- Nodos: 1300

- Aristas: 6708

- Si se trata de un grafo dirigido o no.: Si

- Si se trata de un grafo con pesos o no.: Si

Gephi 0.10.1 - Proyecto

Vista general Laboratorio de datos Previsualización EuroSisGenerale RetGraph

Tabla de datos ×

Nodos Aristas Configuración Añadir nodo Añadir arista Buscar/Reemplazar Importar hoja de cálculo Exportar tabla Más acciones Filtro Origen

| Origen | Destino | Tipo | Id | Label | Interval | Weight |
|--------|---------|----------|------|-------|----------|--------|
| 427 | 1083 | Dirigida | 3659 | | 0.099993 | |
| 683 | 473 | Dirigida | 939 | | 0.099992 | |
| 673 | 1085 | Dirigida | 2190 | | 0.09999 | |
| 738 | 1013 | Dirigida | 5966 | | 0.099986 | |
| 798 | 133 | Dirigida | 3691 | | 0.099976 | |
| 26 | 577 | Dirigida | 2639 | | 0.099938 | |
| 916 | 1077 | Dirigida | 4195 | | 0.099888 | |
| 709 | 538 | Dirigida | 5314 | | 0.099885 | |
| 580 | 1093 | Dirigida | 4288 | | 0.099884 | |
| 976 | 156 | Dirigida | 2808 | | 0.099877 | |
| 328 | 96 | Dirigida | 5660 | | 0.099804 | |
| 628 | 668 | Dirigida | 591 | | 0.099784 | |
| 1132 | 894 | Dirigida | 388 | | 0.099779 | |
| 727 | 1003 | Dirigida | 977 | | 0.099764 | |
| 627 | 390 | Dirigida | 4095 | | 0.09976 | |
| 163 | 1163 | Dirigida | 235 | | 0.099748 | |
| 325 | 967 | Dirigida | 2748 | | 0.099744 | |
| 173 | 98 | Dirigida | 2659 | | 0.099697 | |
| 269 | 561 | Dirigida | 2404 | | 0.099696 | |
| 1005 | 717 | Dirigida | 1642 | | 0.099695 | |
| 251 | 643 | Dirigida | 4384 | | 0.099687 | |
| 247 | 816 | Dirigida | 1147 | | 0.099653 | |
| 1216 | 713 | Dirigida | 349 | | 0.099647 | |
| 466 | 280 | Dirigida | 6664 | | 0.099646 | |
| 566 | 898 | Dirigida | 2696 | | 0.099642 | |
| 93 | 476 | Dirigida | 1710 | | 0.099621 | |
| 616 | 763 | Dirigida | 5741 | | 0.099601 | |
| 656 | 949 | Dirigida | 6072 | | 0.099597 | |
| 417 | 1155 | Dirigida | 5706 | | 0.099575 | |
| 626 | 1287 | Dirigida | 1537 | | 0.099553 | |
| 470 | 1192 | Dirigida | 6460 | | 0.099548 | |
| 979 | 358 | Dirigida | 3447 | | 0.099545 | |
| 378 | 1075 | Dirigida | 6496 | | 0.099526 | |

- Longitud Media de los Caminos entre nodos:

Graph Distance Report

Parameters:

Network Interpretation: undirected

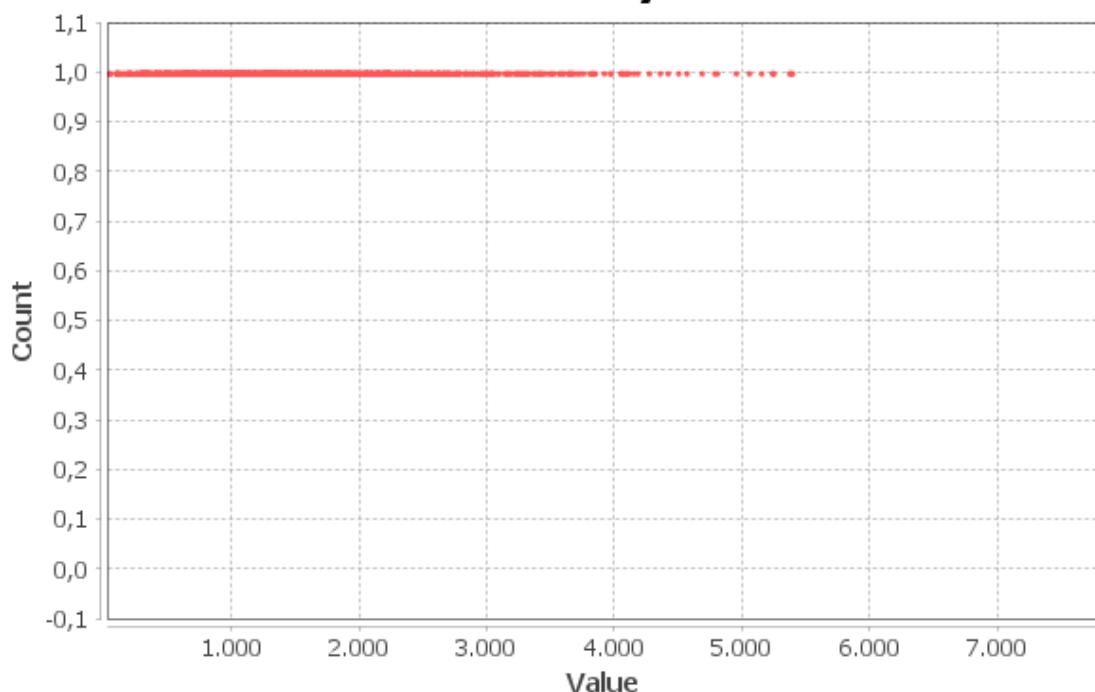
Results:

Diameter: 5

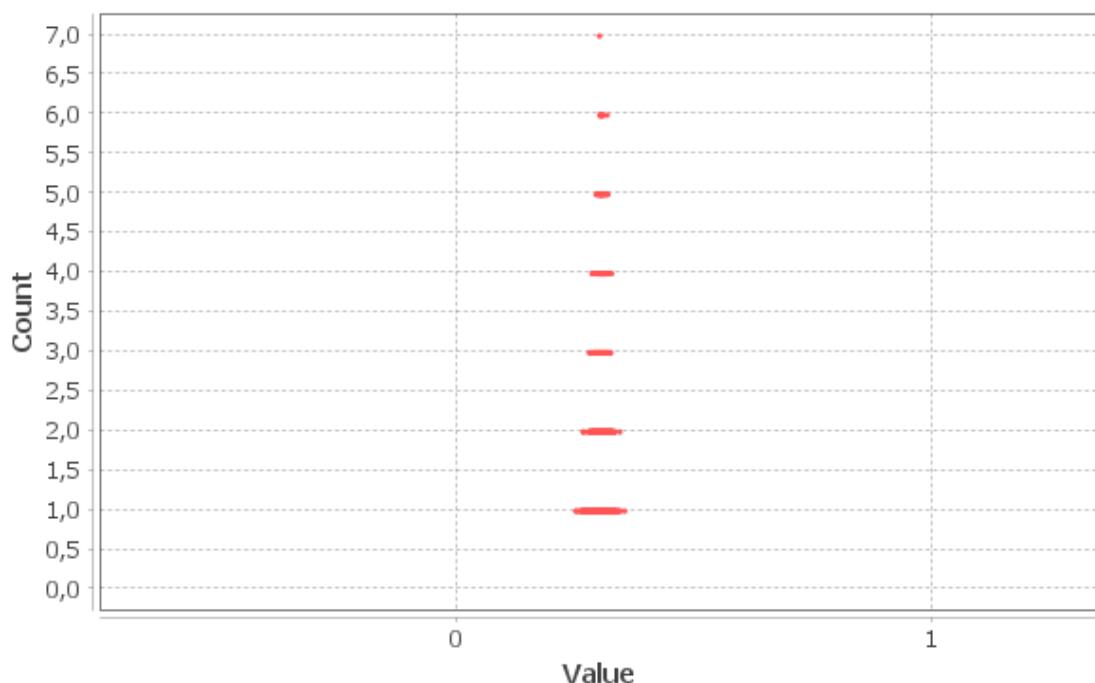
Radius: 4

Average Path length: 3.3372985136495528

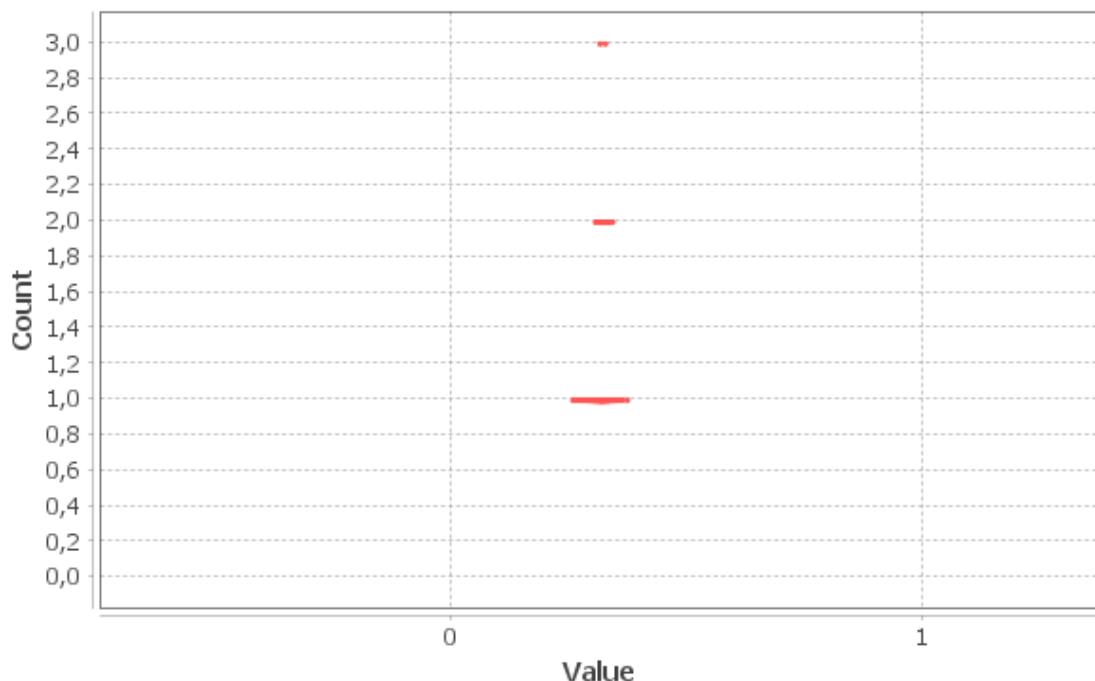
Betweenness Centrality Distribution



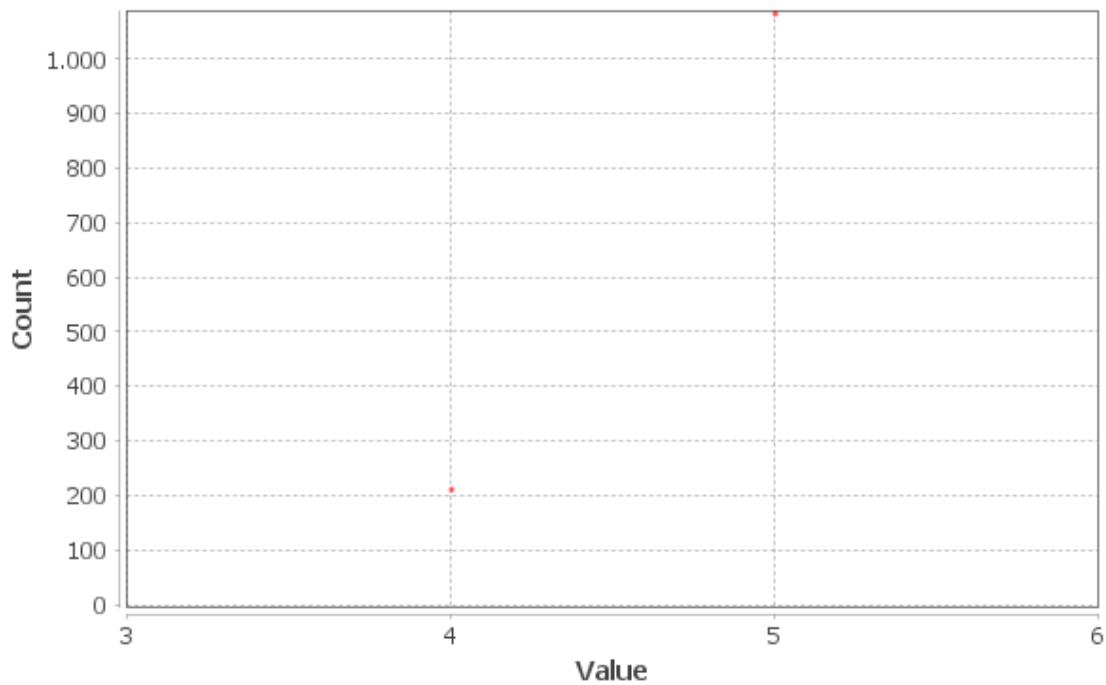
Closeness Centrality Distribution



Harmonic Closeness Centrality Distribution



Eccentricity Distribution



Algorithm:

Ulrik Brandes, *A Faster Algorithm for Betweenness Centrality*, in Journal of Mathematical Sociology 25(2):163-177, (2001)

- Coeficiente de Clustering Medio

Clustering Coefficient Metric Report

Parameters:

Network Interpretation: undirected

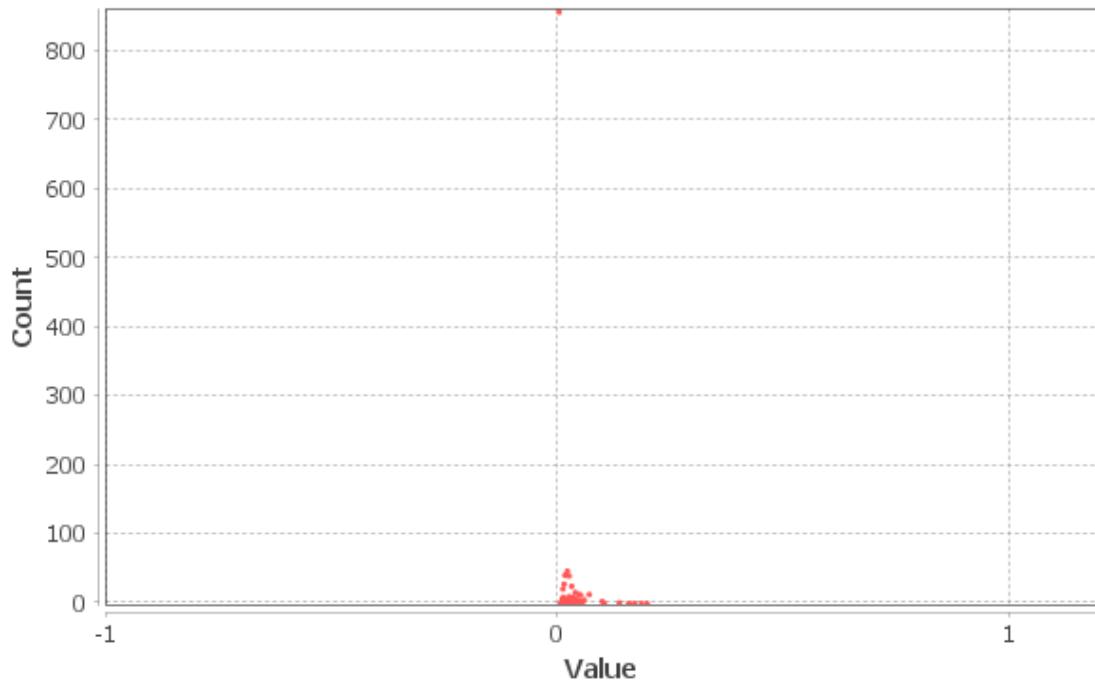
Results:

Average Clustering Coefficient: 0,009

Total triangles: 208

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

Clustering Coefficient Distribution



Algorithm:

Matthieu Latapy, *Main-memory Triangle Computations for Very Large (Sparse (Power-Law)) Graphs*, in Theoretical Computer Science (TCS) 407 (1-3), pages 458-473, 2008

- Diámetro de la Red:

Graph Distance Report

Parameters:

Network Interpretation: undirected

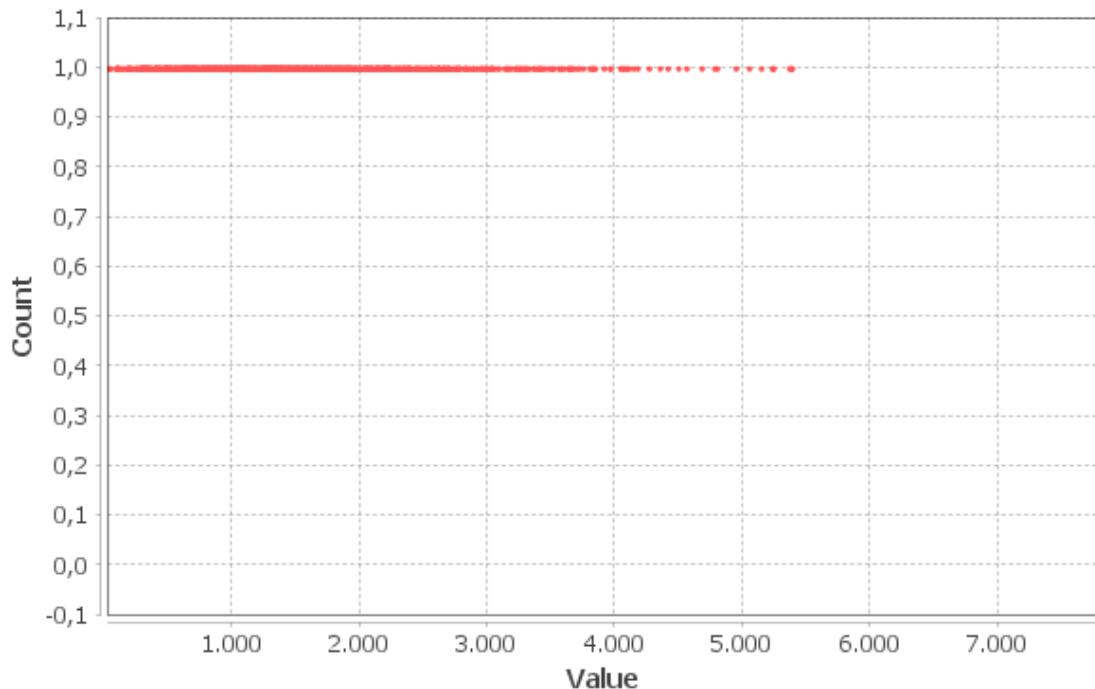
Results:

Diameter: 5

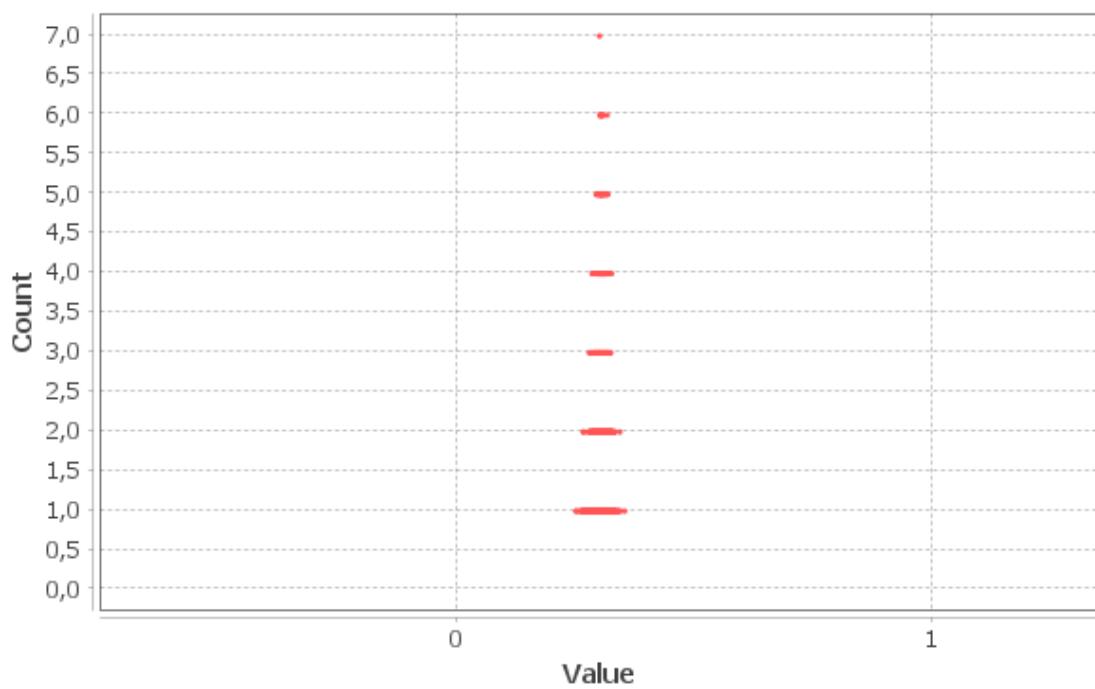
Radius: 4

Average Path length: 3.3372985136495528

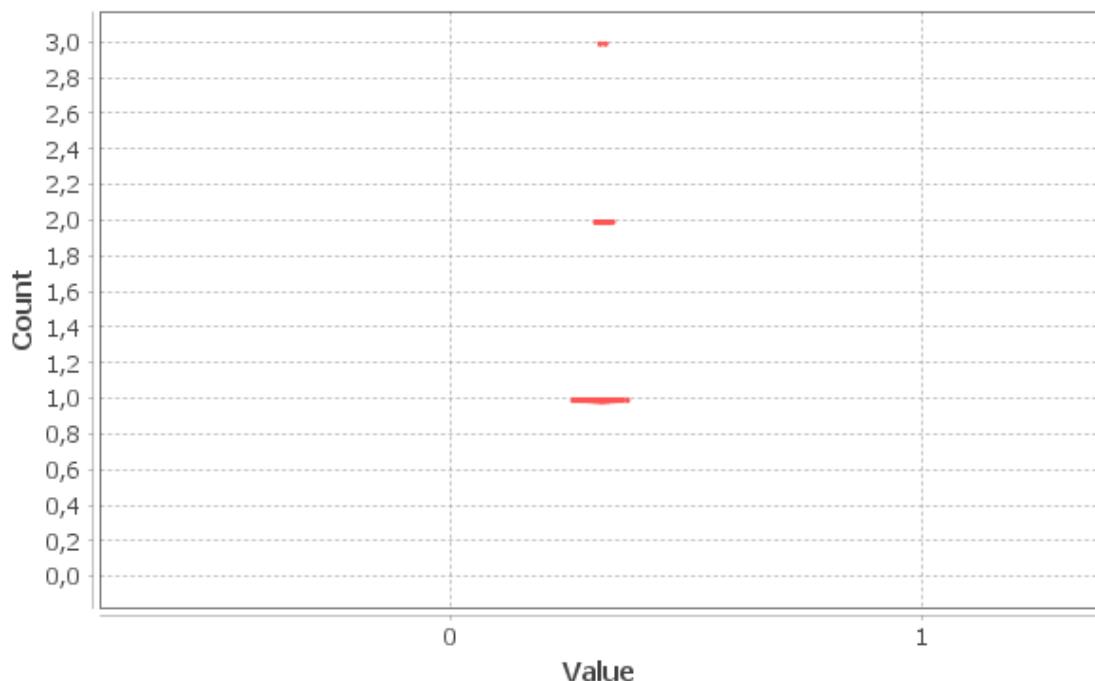
Betweenness Centrality Distribution



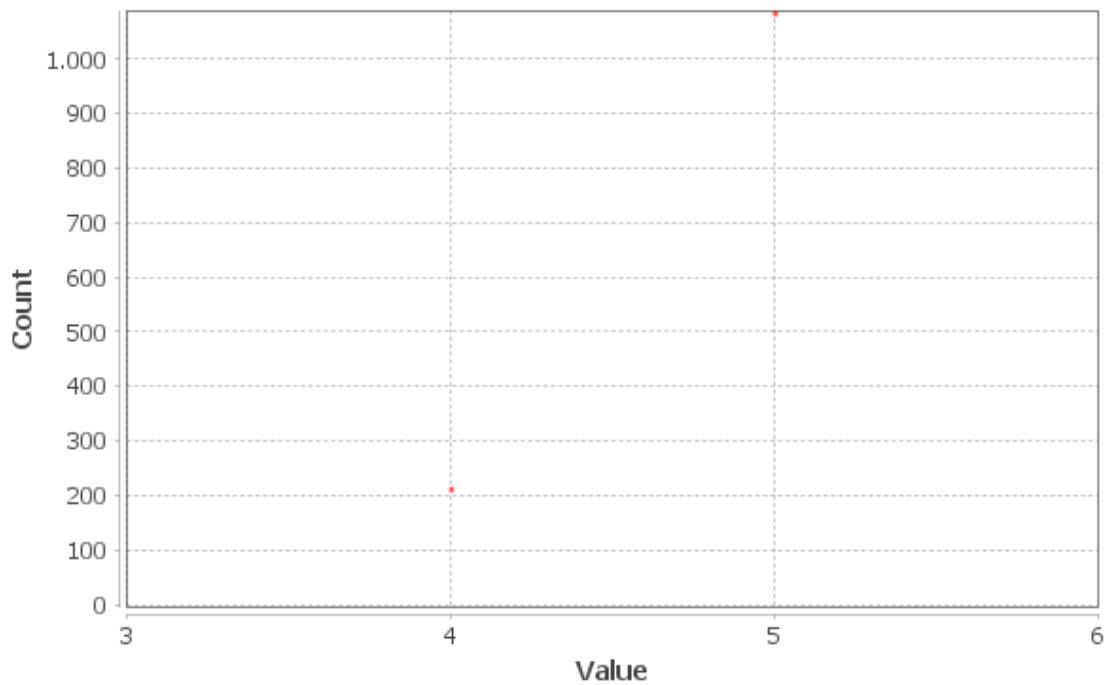
Closeness Centrality Distribution



Harmonic Closeness Centrality Distribution



Eccentricity Distribution



Algorithm:

Ulrik Brandes, *A Faster Algorithm for Betweenness Centrality*, in Journal of Mathematical Sociology 25(2):163-177, (2001)

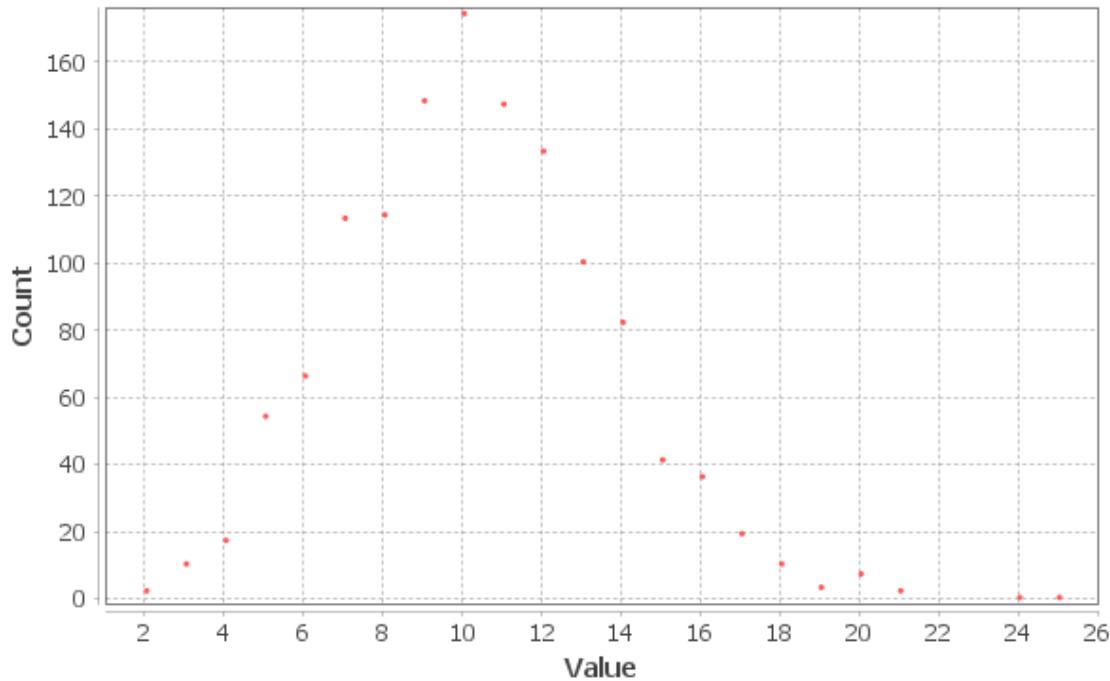
- Grado Medio:

Degree Report

Results:

Average Degree: 10,320

Degree Distribution

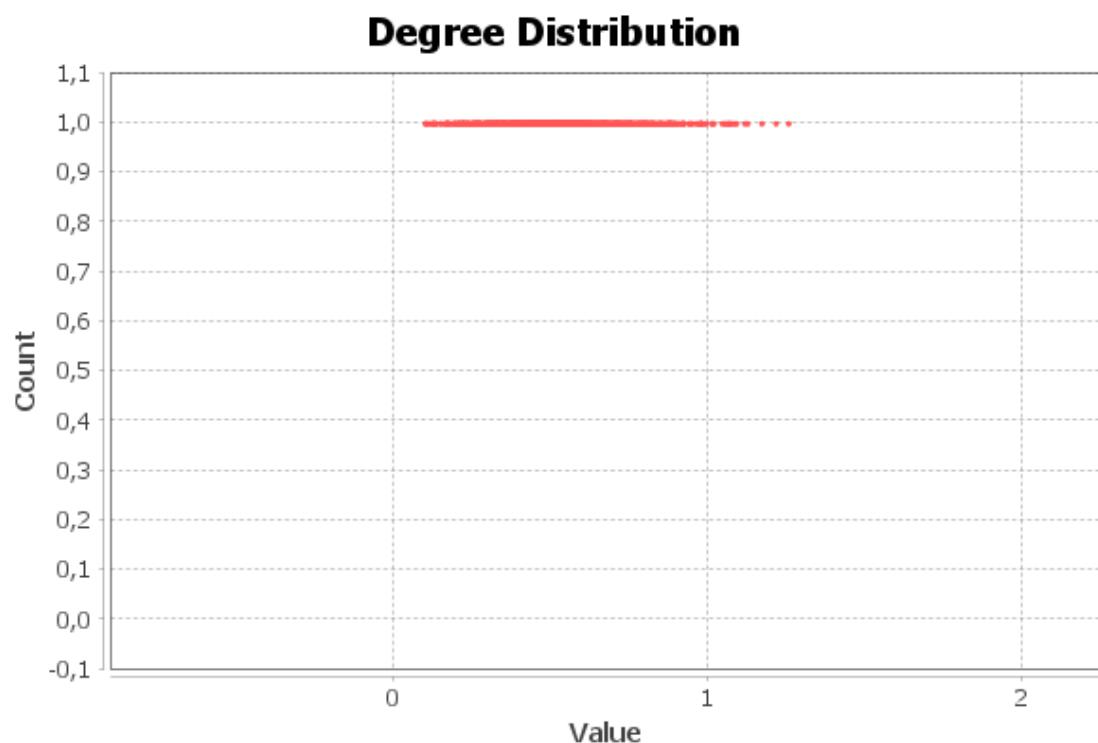


- Grado Medio con Pesos:

Weighted Degree Report

Results:

Average Weighted Degree: 0,520



- Número de componentes conexas fuerte y débilmente conectadas.

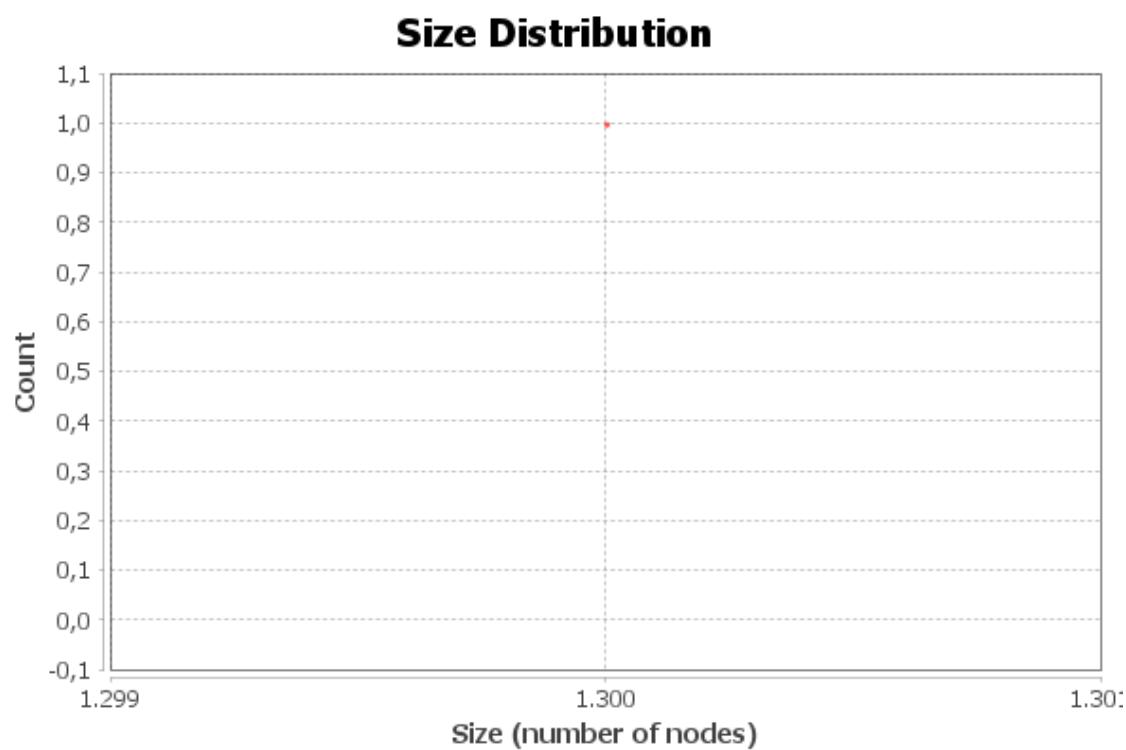
Connected Components Report

Parameters:

Network Interpretation: undirected

Results:

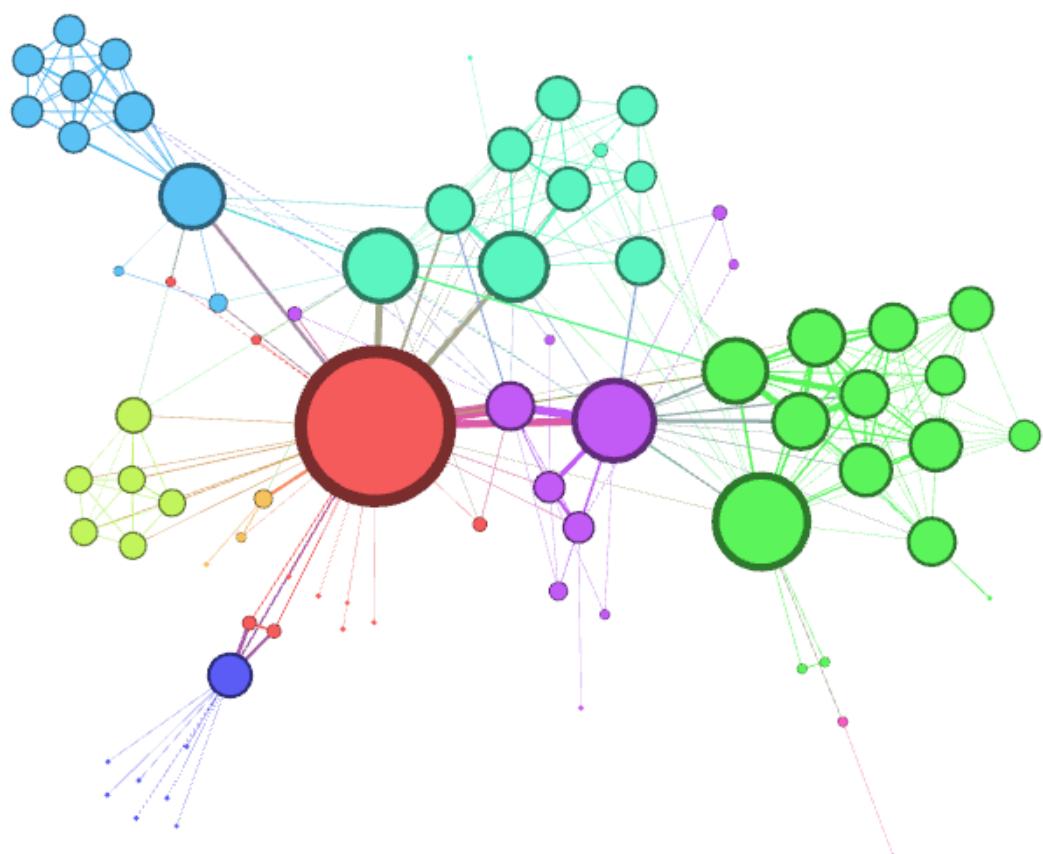
Number of Weakly Connected Components: 1

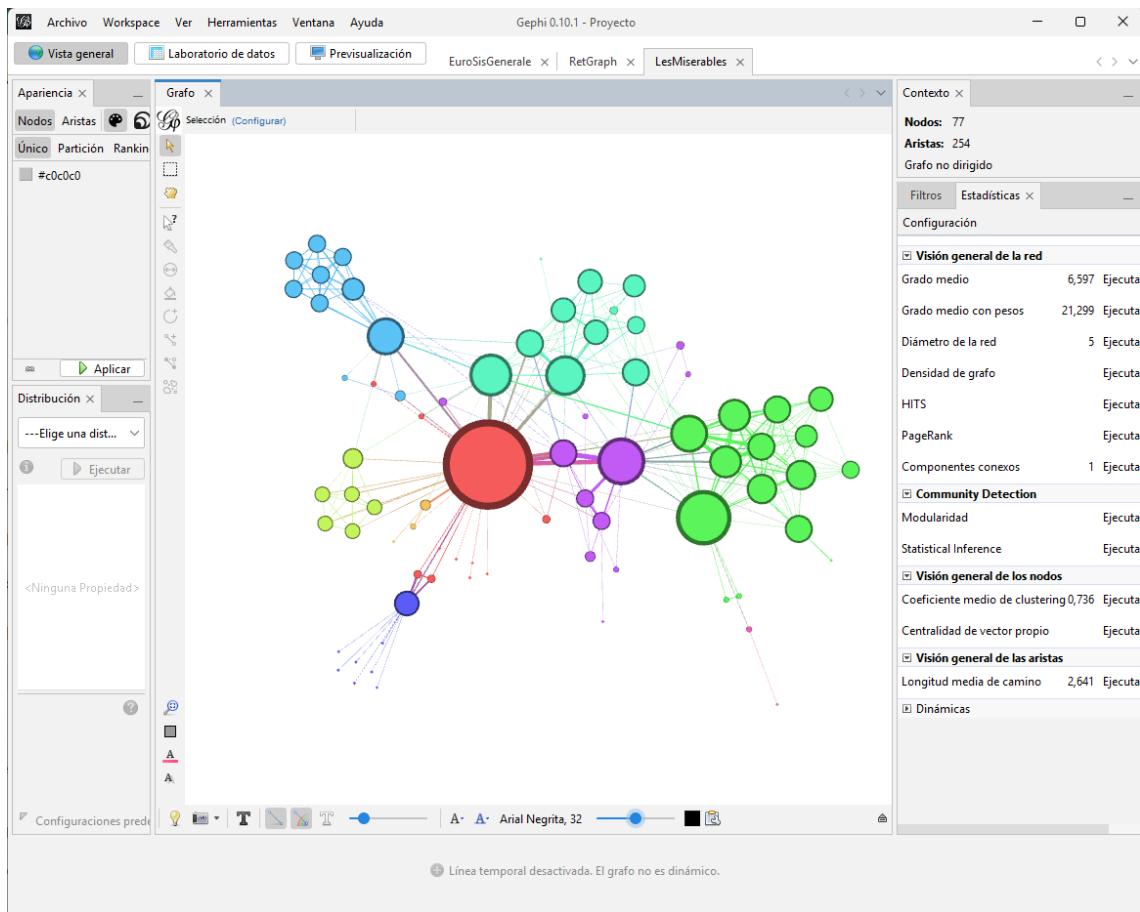


Algorithm:

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

LesMiserables.gephi





- Nodos: 77

- Aristas: 254

- Si se trata de un grafo dirigido o no.:

- Si se trata de un grafo con pesos o no.

Gephi 0.10.1 - Proyecto

Vista general | Laboratorio de datos | Previsualización | EuroSisGenerale | RetGraph | LesMiserables

Tabla de datos

Nodos | Aristas | Configuración | Añadir nodo | Añadir arista | Buscar/Reemplazar | Importar hoja de cálculo | Exportar tabla | Más acciones | Filtro: | Origen | Weight

| Origen | Destino | Tipo | Id | Label | Interval | Weight |
|--------|---------|-------------|-----|-------|----------|--------|
| 27 | 12 | No dirigida | 54 | | 31.0 | |
| 56 | 27 | No dirigida | 130 | | 21.0 | |
| 56 | 12 | No dirigida | 127 | | 19.0 | |
| 28 | 12 | No dirigida | 58 | | 17.0 | |
| 63 | 59 | No dirigida | 164 | | 17.0 | |
| 60 | 59 | No dirigida | 150 | | 15.0 | |
| 26 | 25 | No dirigida | 53 | | 13.0 | |
| 63 | 60 | No dirigida | 165 | | 13.0 | |
| 26 | 12 | No dirigida | 51 | | 12.0 | |
| 56 | 50 | No dirigida | 134 | | 12.0 | |
| 65 | 63 | No dirigida | 184 | | 12.0 | |
| 4 | 1 | No dirigida | 3 | | 10.0 | |
| 65 | 59 | No dirigida | 180 | | 10.0 | |
| 24 | 12 | No dirigida | 40 | | 9.0 | |
| 52 | 50 | No dirigida | 120 | | 9.0 | |
| 63 | 56 | No dirigida | 162 | | 9.0 | |
| 65 | 60 | No dirigida | 181 | | 9.0 | |
| 3 | 1 | No dirigida | 2 | | 8.0 | |
| 29 | 12 | No dirigida | 63 | | 8.0 | |
| 25 | 12 | No dirigida | 49 | | 7.0 | |
| 59 | 49 | No dirigida | 144 | | 7.0 | |
| 59 | 56 | No dirigida | 145 | | 7.0 | |
| 63 | 49 | No dirigida | 161 | | 7.0 | |
| 66 | 65 | No dirigida | 195 | | 7.0 | |
| 4 | 3 | No dirigida | 4 | | 6.0 | |
| 56 | 52 | No dirigida | 135 | | 6.0 | |
| 59 | 28 | No dirigida | 143 | | 6.0 | |
| 60 | 49 | No dirigida | 147 | | 6.0 | |
| 62 | 59 | No dirigida | 157 | | 6.0 | |
| 63 | 62 | No dirigida | 167 | | 6.0 | |
| 64 | 63 | No dirigida | 175 | | 6.0 | |
| 65 | 62 | No dirigida | 183 | | 6.0 | |
| 70 | 26 | No dirigida | 214 | | 6.0 | |

- Longitud Media de los Caminos entre nodos:

Graph Distance Report

Parameters:

Network Interpretation: undirected

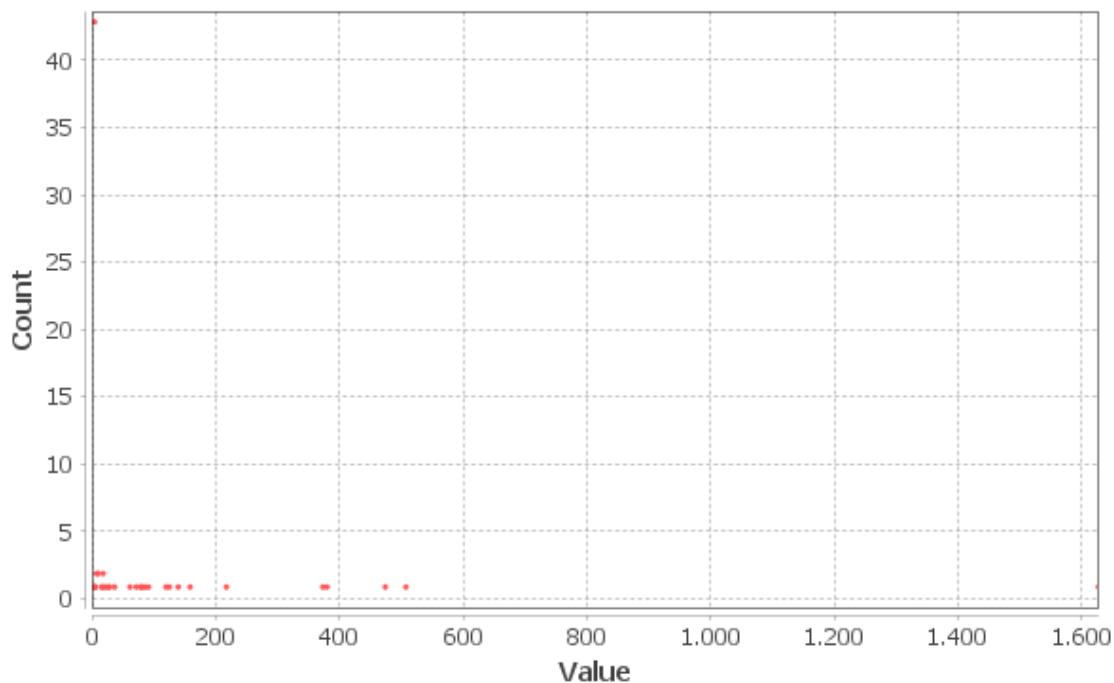
Results:

Diameter: 5

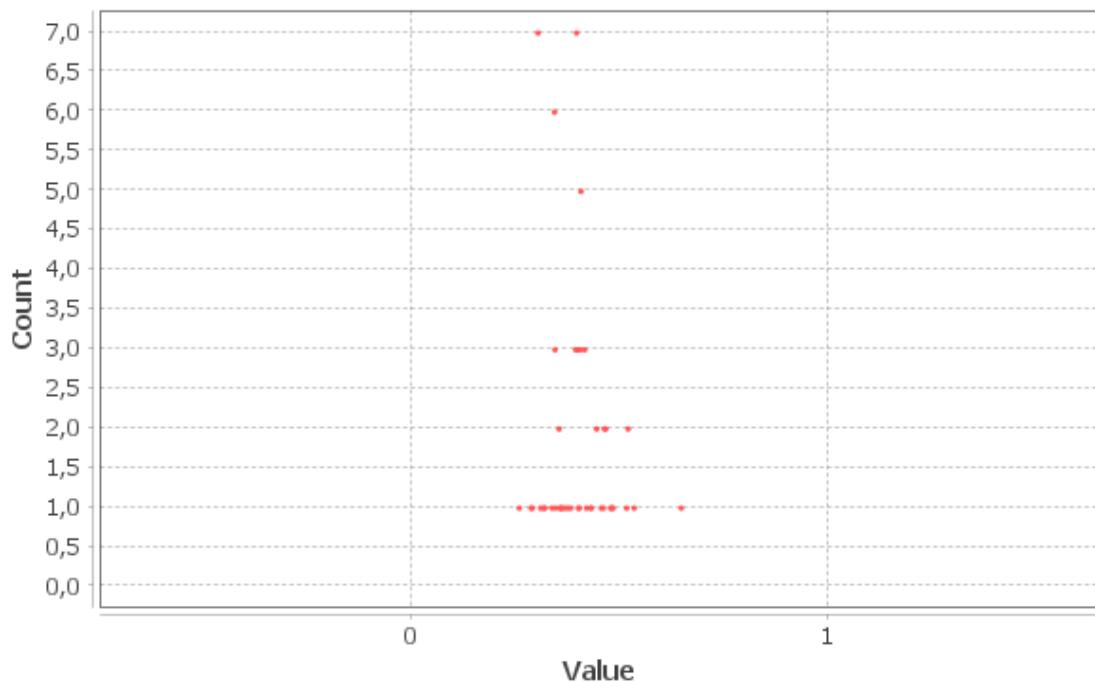
Radius: 3

Average Path length: 2.6411483253588517

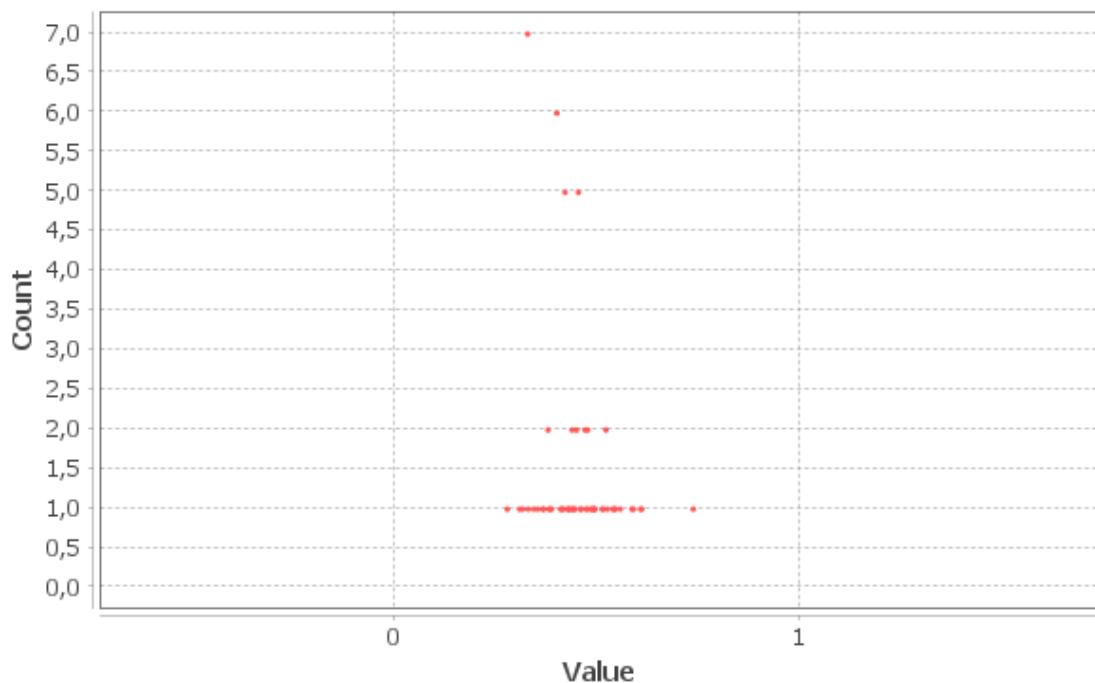
Betweenness Centrality Distribution



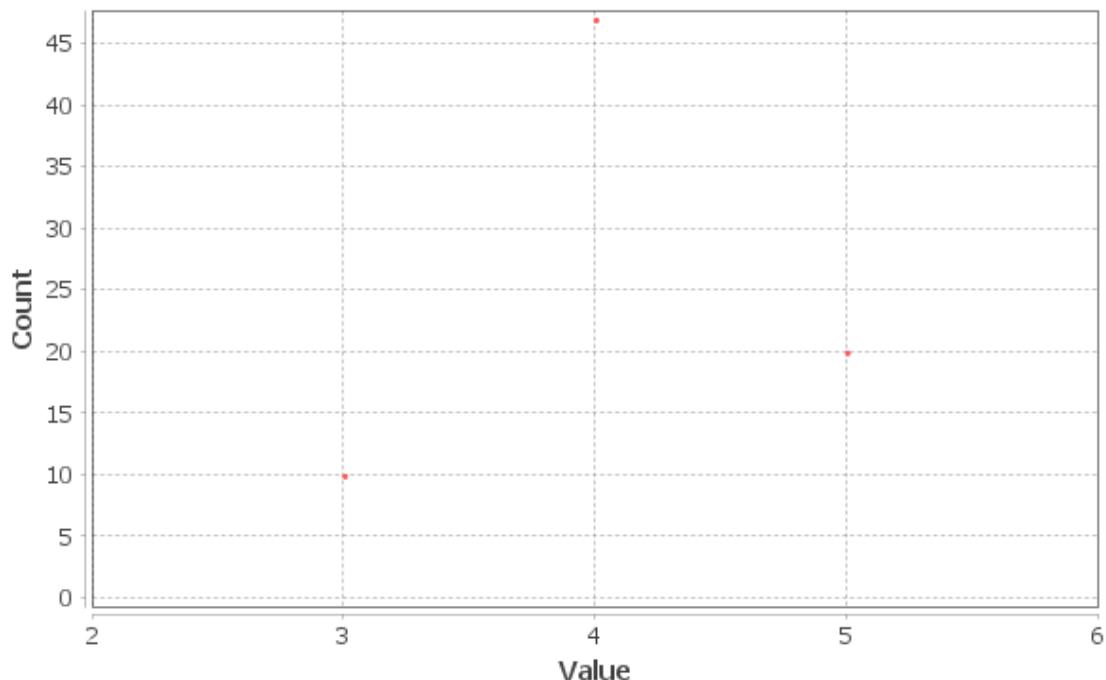
Closeness Centrality Distribution



Harmonic Closeness Centrality Distribution



Eccentricity Distribution



Algorithm:

Ulrik Brandes, *A Faster Algorithm for Betweenness Centrality*, in Journal of Mathematical Sociology 25(2):163-177, (2001)

- Coeficiente de Clustering Medio:

Clustering Coefficient Metric Report

Parameters:

Network Interpretation: undirected

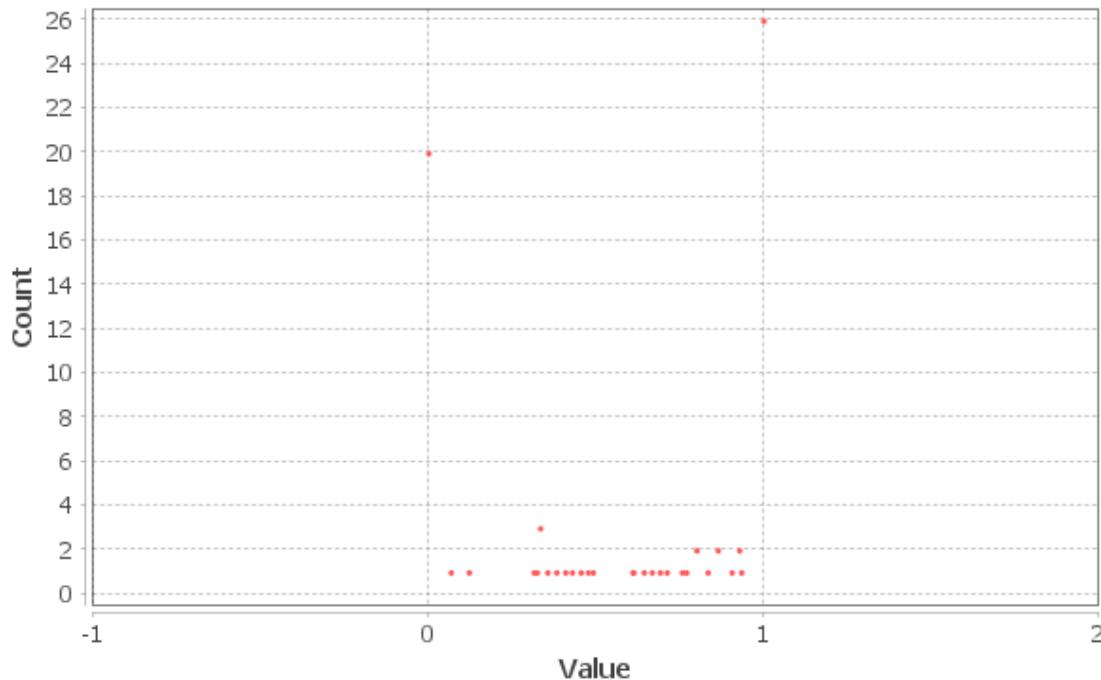
Results:

Average Clustering Coefficient: 0,736

Total triangles: 467

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

Clustering Coefficient Distribution



Algorithm:

Matthieu Latapy, *Main-memory Triangle Computations for Very Large (Sparse (Power-Law)) Graphs*, in Theoretical Computer Science (TCS) 407 (1-3), pages 458-473, 2008

- Diámetro de la Red:

Graph Distance Report

Parameters:

Network Interpretation: undirected

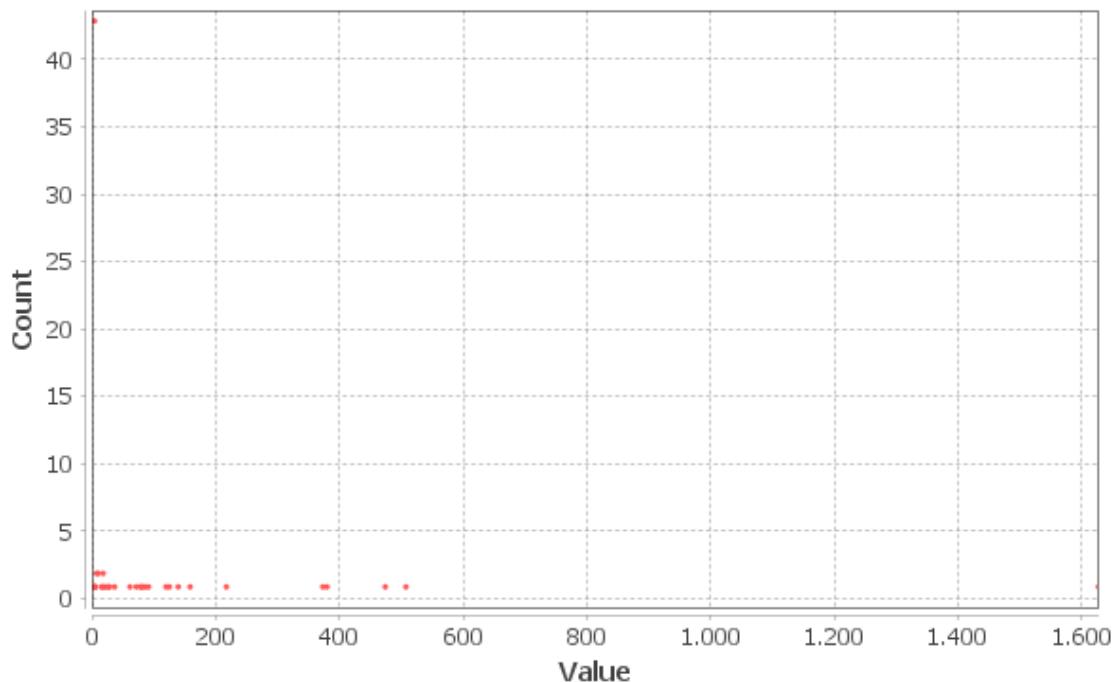
Results:

Diameter: 5

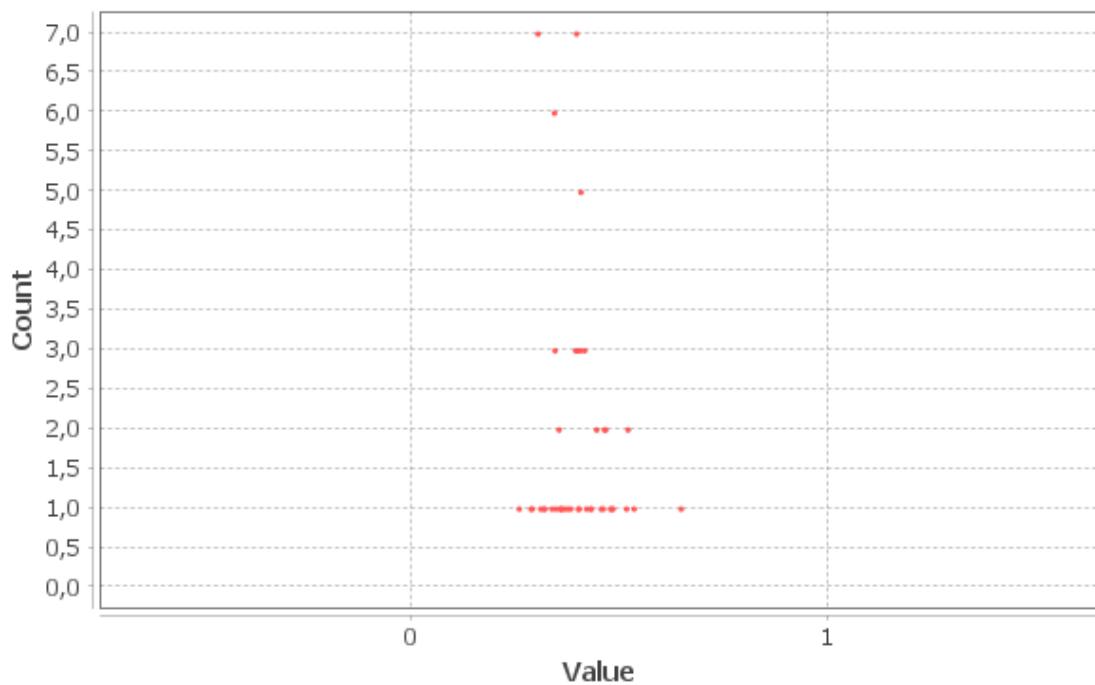
Radius: 3

Average Path length: 2.6411483253588517

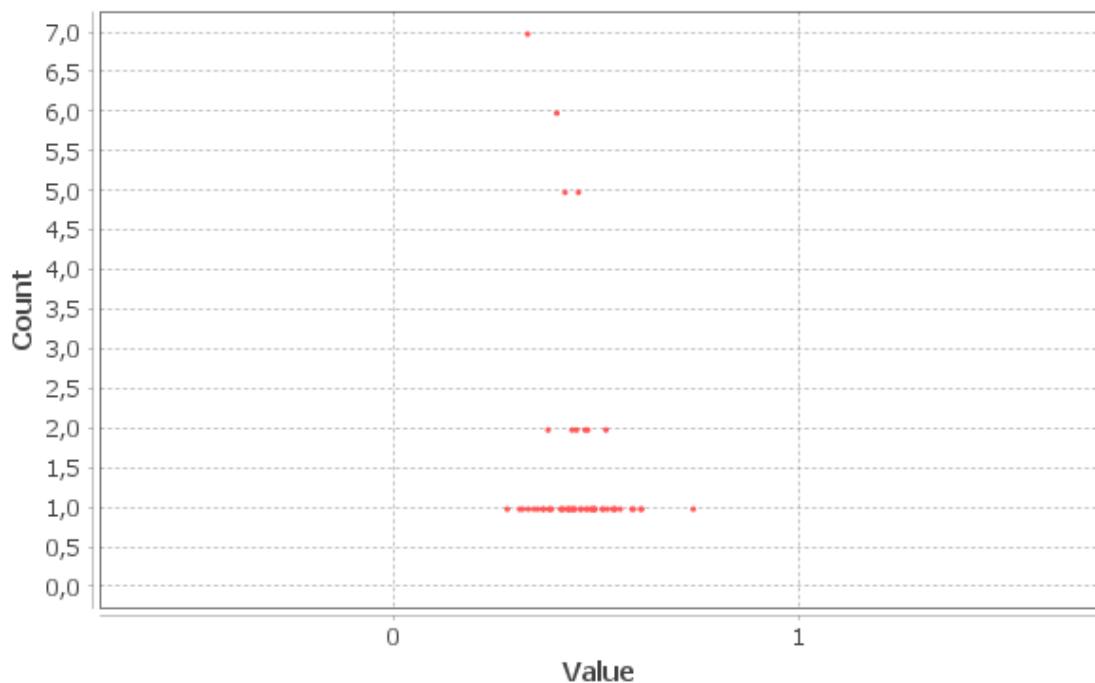
Betweenness Centrality Distribution



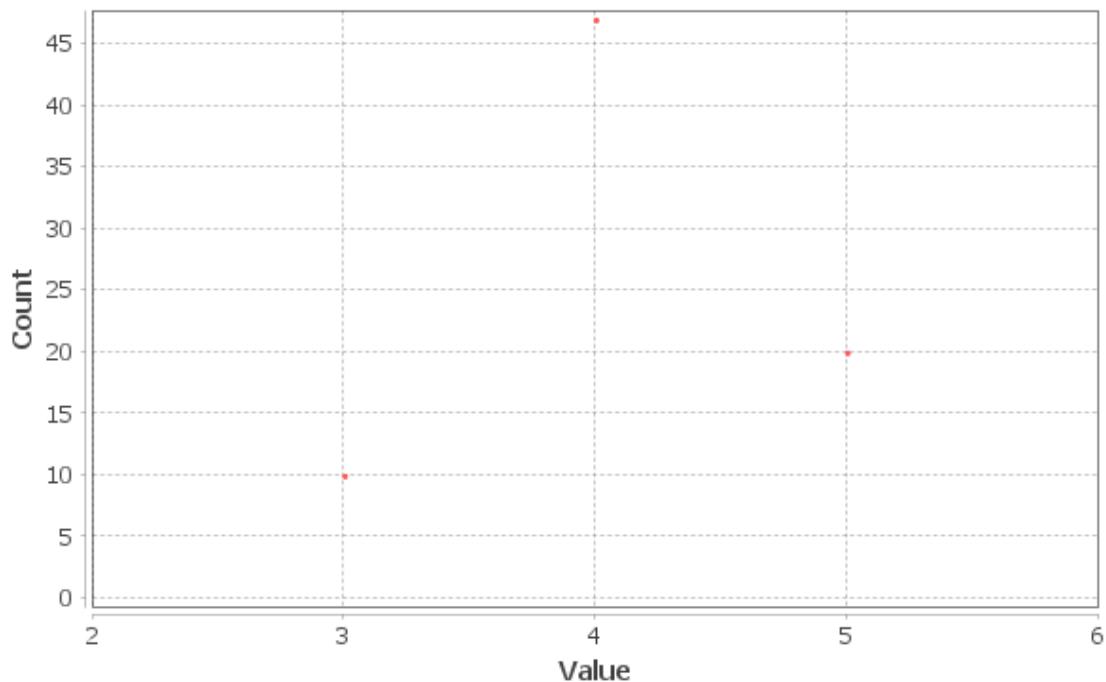
Closeness Centrality Distribution



Harmonic Closeness Centrality Distribution



Eccentricity Distribution



Algorithm:

Ulrik Brandes, *A Faster Algorithm for Betweenness Centrality*, in Journal of Mathematical Sociology 25(2):163-177, (2001)

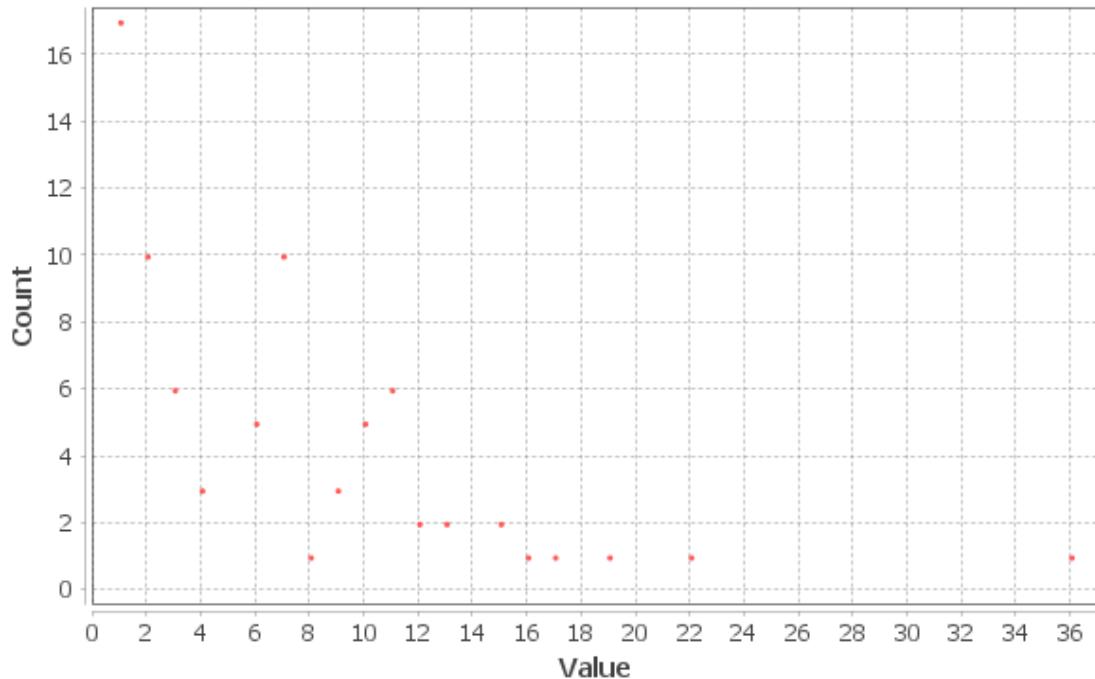
- Grado Medio:

Degree Report

Results:

Average Degree: 6,597

Degree Distribution



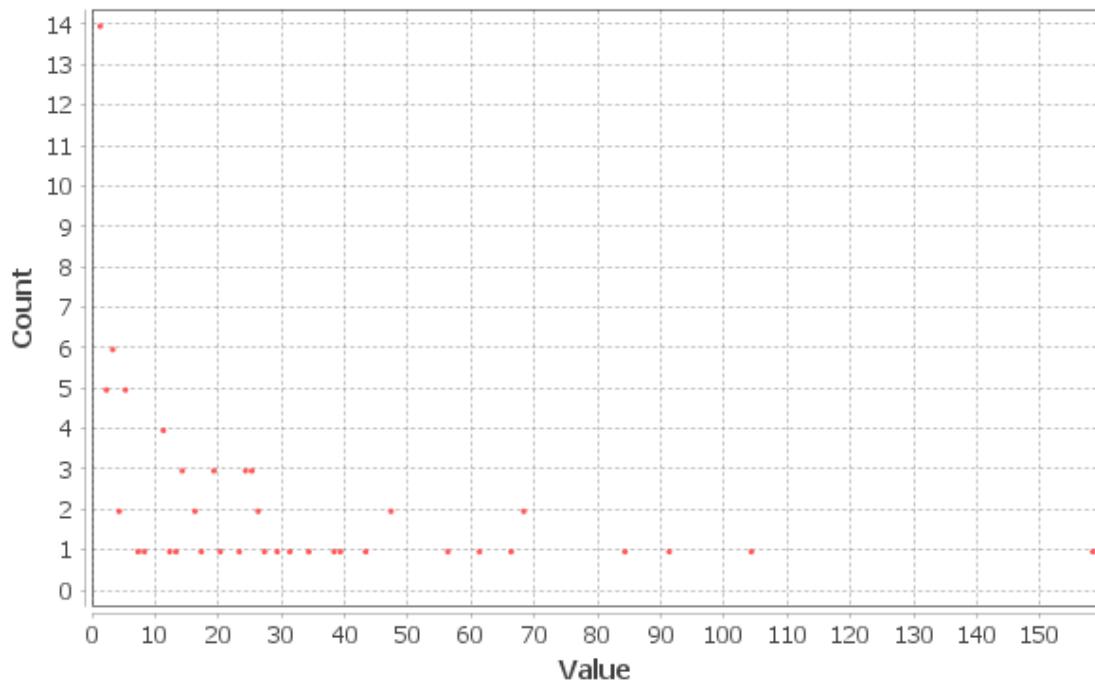
- Grado Medio con Pesos:

Weighted Degree Report

Results:

Average Weighted Degree: 21,299

Degree Distribution



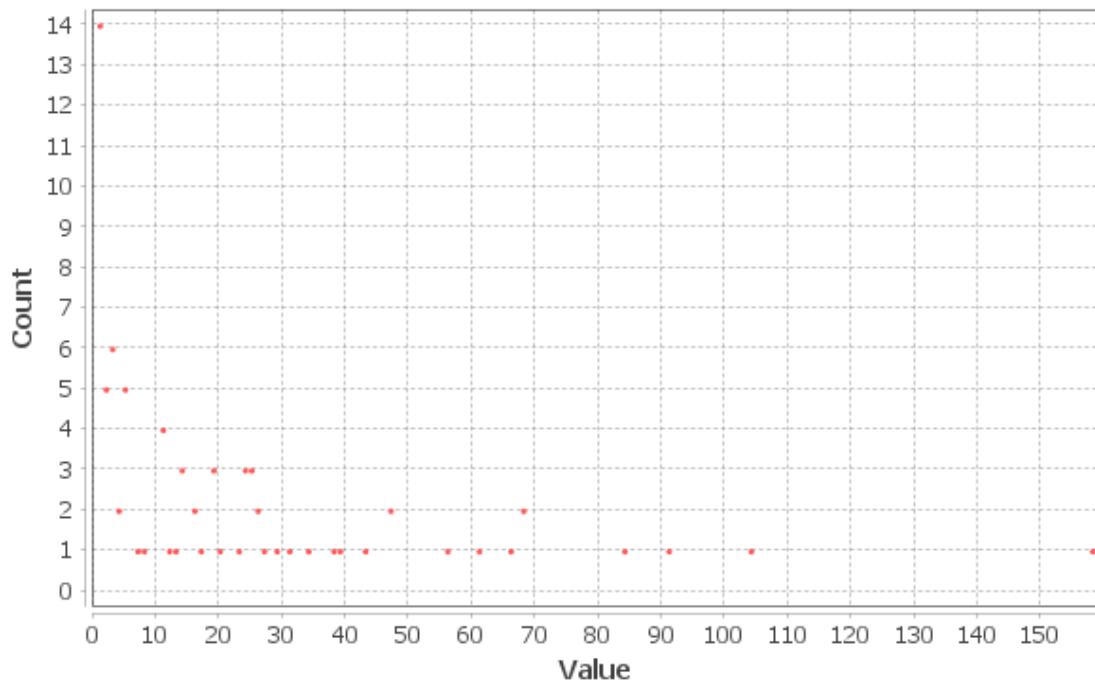
- Número de componentes conexas fuerte y débilmente conectadas:

Weighted Degree Report

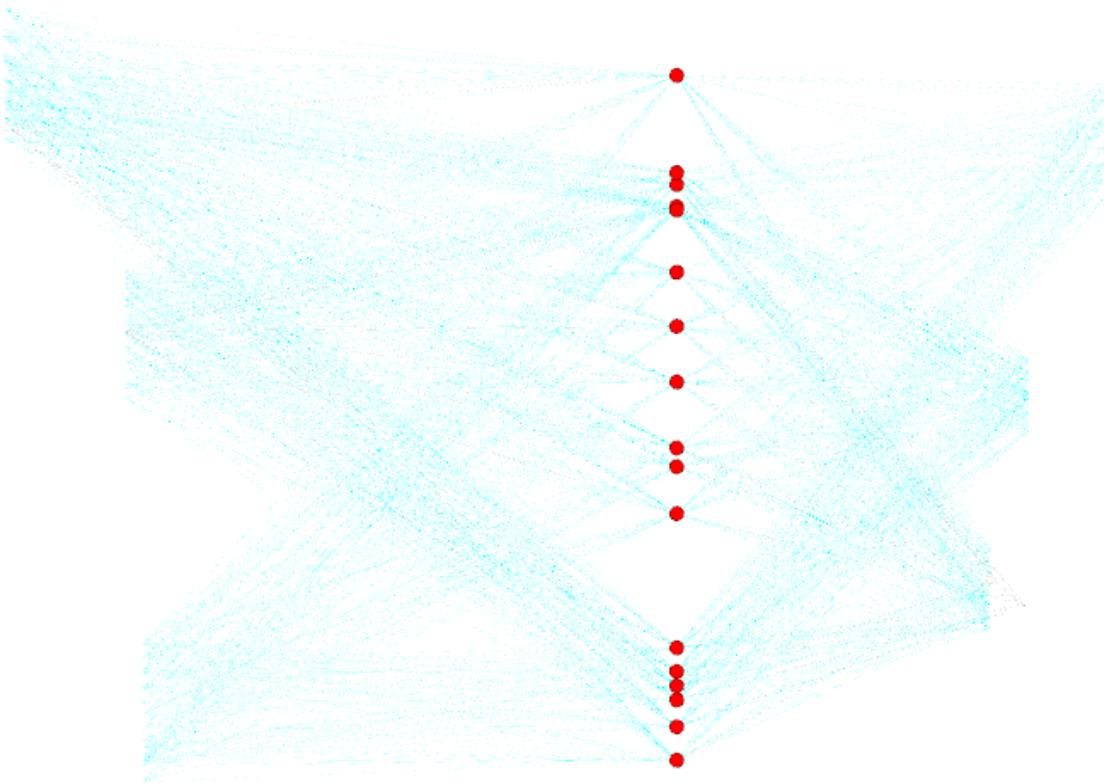
Results:

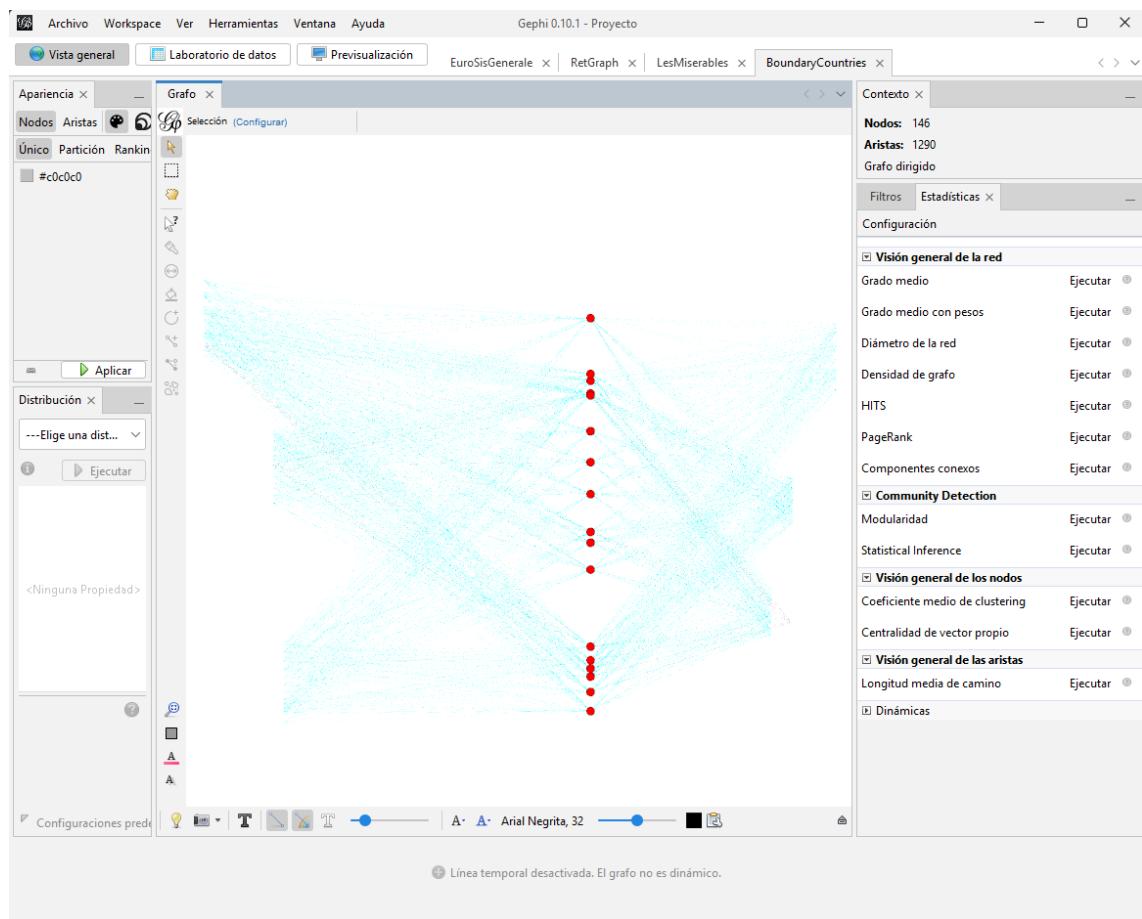
Average Weighted Degree: 21,299

Degree Distribution



BoundaryCountries.gephi





- Nodos: 146
- Aristas: 1290
- Si se trata de un grafo dirigido o no: Si
- Si se trata de un grafo con pesos o no: No

Gephi 0.10.1 - Proyecto

Vista general Laboratorio de datos Previsualización EuroSisGenerale RetGraph LesMiserables BoundaryCountries

Tabla de datos

| Nodos | Aristas | Configuración | Añadir nodo | Añadir arista | Buscar/Reemplazar | Importar hoja de cálculo | Exportar tabla | Más acciones | Filtro: | Origen | MMNT-EdgeType |
|-------|---------|---------------|-------------|---------------|-------------------|--------------------------|----------------|--------------|---------|--------|---------------|
| 164 | 150 | Dirigida | 1291 | | | | | | | 1,0 | |
| 164 | 151 | Dirigida | 1292 | | | | | | | 1,0 | |
| 164 | 152 | Dirigida | 1293 | | | | | | | 1,0 | |
| 164 | 153 | Dirigida | 1294 | | | | | | | 1,0 | |
| 164 | 154 | Dirigida | 1295 | | | | | | | 1,0 | |
| 164 | 155 | Dirigida | 1296 | | | | | | | 1,0 | |
| 164 | 156 | Dirigida | 1297 | | | | | | | 1,0 | |
| 164 | 157 | Dirigida | 1298 | | | | | | | 1,0 | |
| 164 | 158 | Dirigida | 1299 | | | | | | | 1,0 | |
| 164 | 159 | Dirigida | 1300 | | | | | | | 1,0 | |
| 165 | 151 | Dirigida | 1301 | | | | | | | 1,0 | |
| 165 | 152 | Dirigida | 1302 | | | | | | | 1,0 | |
| 165 | 153 | Dirigida | 1303 | | | | | | | 1,0 | |
| 165 | 154 | Dirigida | 1304 | | | | | | | 1,0 | |
| 165 | 155 | Dirigida | 1305 | | | | | | | 1,0 | |
| 165 | 156 | Dirigida | 1306 | | | | | | | 1,0 | |
| 165 | 157 | Dirigida | 1307 | | | | | | | 1,0 | |
| 165 | 158 | Dirigida | 1308 | | | | | | | 1,0 | |
| 165 | 159 | Dirigida | 1309 | | | | | | | 1,0 | |
| 165 | 160 | Dirigida | 1310 | | | | | | | 1,0 | |
| 166 | 147 | Dirigida | 1314 | | | | | | | 1,0 | |
| 166 | 148 | Dirigida | 1315 | | | | | | | 1,0 | |
| 166 | 149 | Dirigida | 1316 | | | | | | | 1,0 | |
| 166 | 150 | Dirigida | 1317 | | | | | | | 1,0 | |
| 166 | 151 | Dirigida | 1318 | | | | | | | 1,0 | |
| 166 | 152 | Dirigida | 1319 | | | | | | | 1,0 | |
| 166 | 153 | Dirigida | 1320 | | | | | | | 1,0 | |
| 166 | 161 | Dirigida | 1311 | | | | | | | 1,0 | |
| 166 | 162 | Dirigida | 1312 | | | | | | | 1,0 | |
| 166 | 163 | Dirigida | 1313 | | | | | | | 1,0 | |
| 167 | 147 | Dirigida | 1330 | | | | | | | 1,0 | |
| 167 | 155 | Dirigida | 1321 | | | | | | | 1,0 | |
| 167 | 156 | Dirigida | 1322 | | | | | | | 1,0 | |

- Longitud Media de los Caminos entre nodos:

Graph Distance Report

Parameters:

Network Interpretation: directed

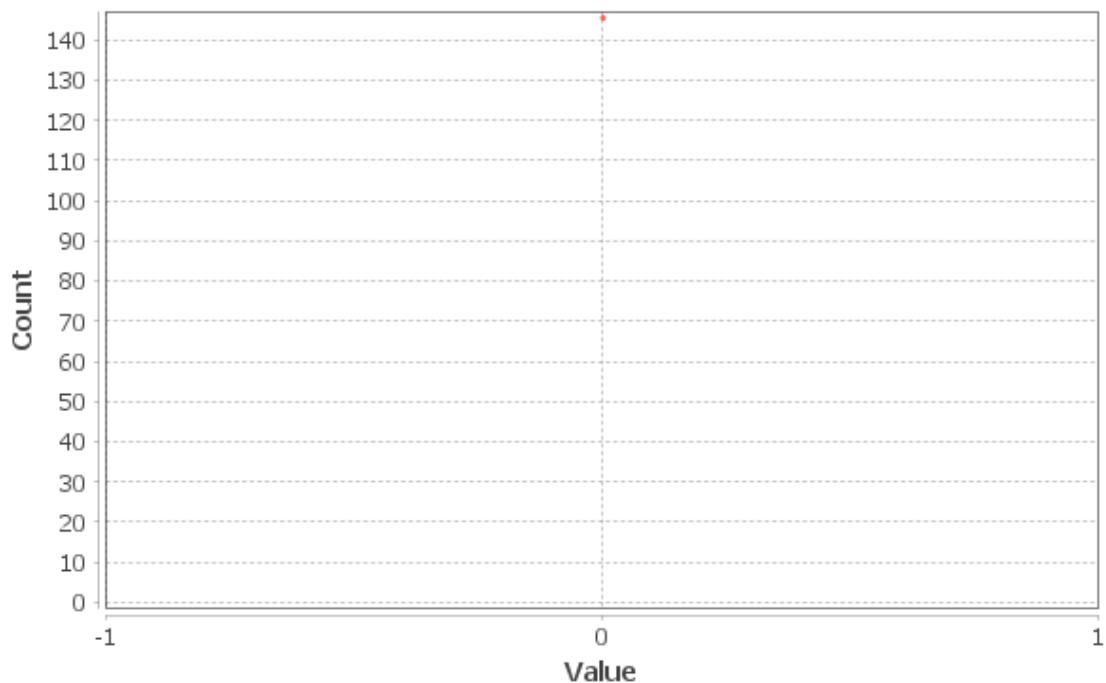
Results:

Diameter: 1

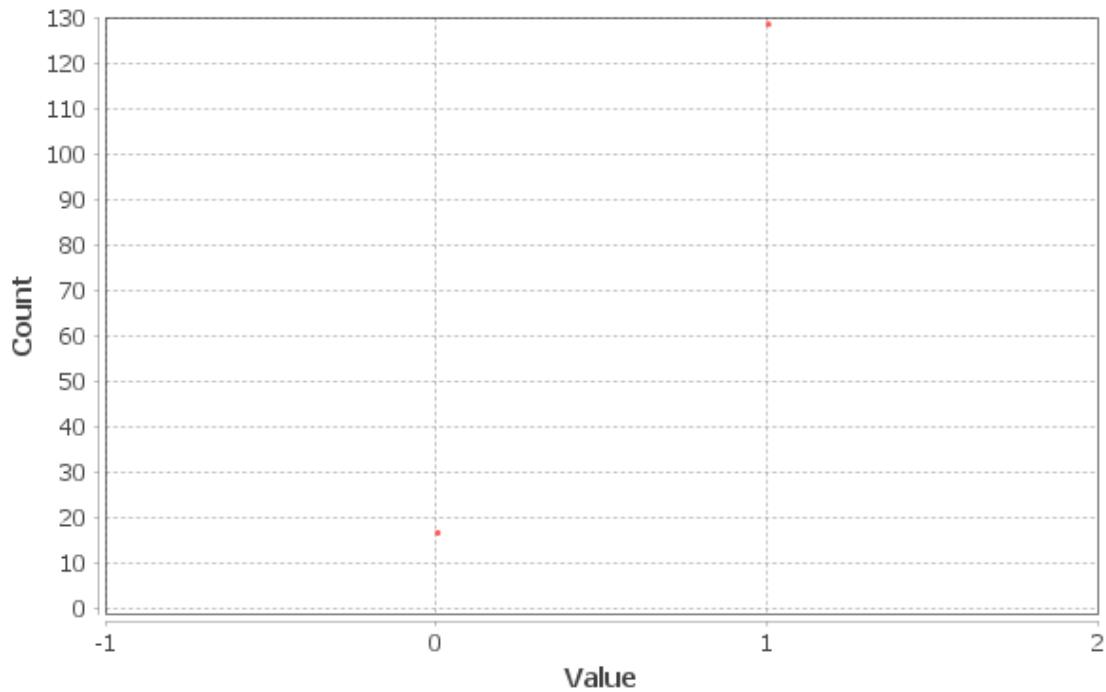
Radius: 0

Average Path length: 1.0

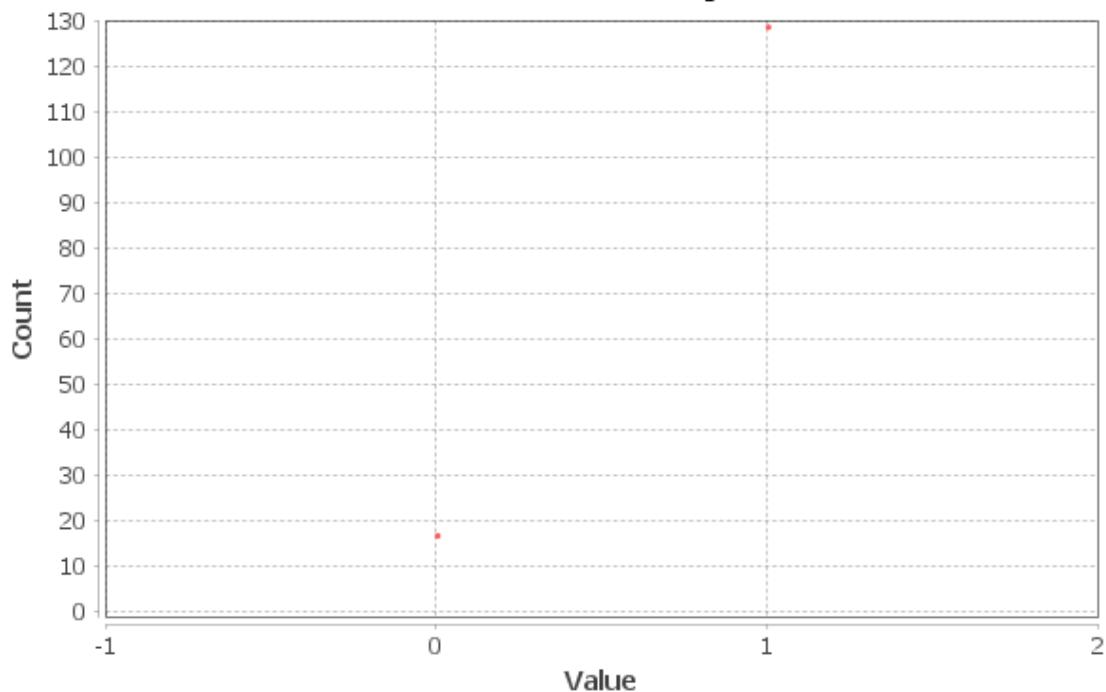
Betweenness Centrality Distribution



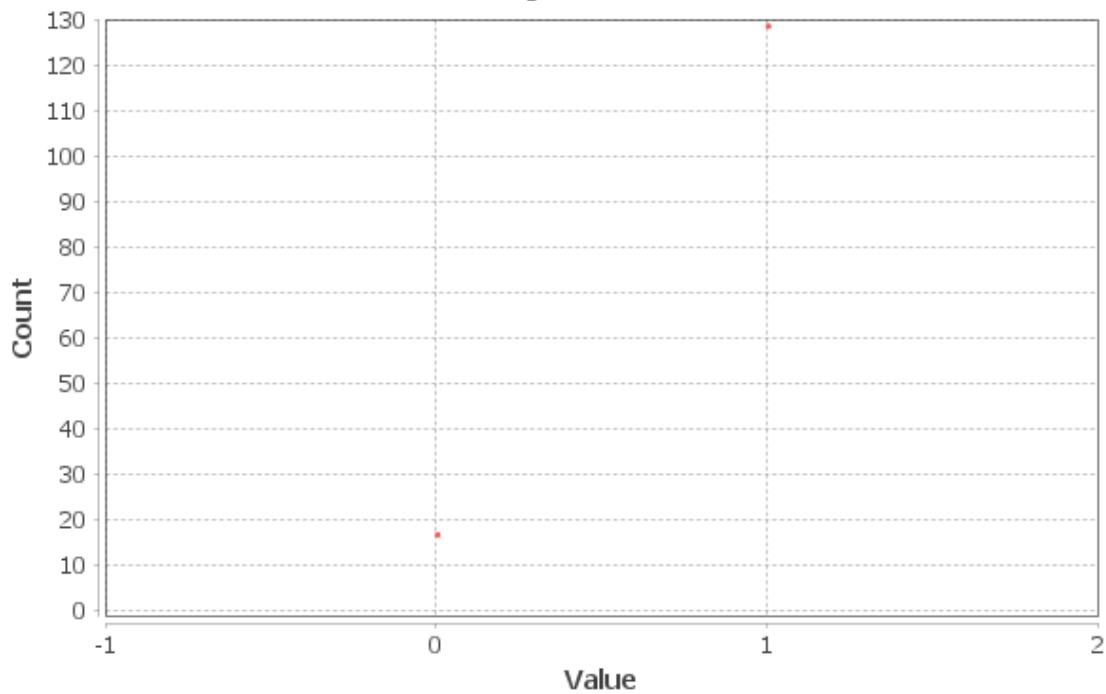
Closeness Centrality Distribution



Harmonic Closeness Centrality Distribution



Eccentricity Distribution



Algorithm:

Ulrik Brandes, *A Faster Algorithm for Betweenness Centrality*, in Journal of Mathematical Sociology 25(2):163-177, (2001)

- Coeficiente de Clustering Medio:

Clustering Coefficient Metric Report

Parameters:

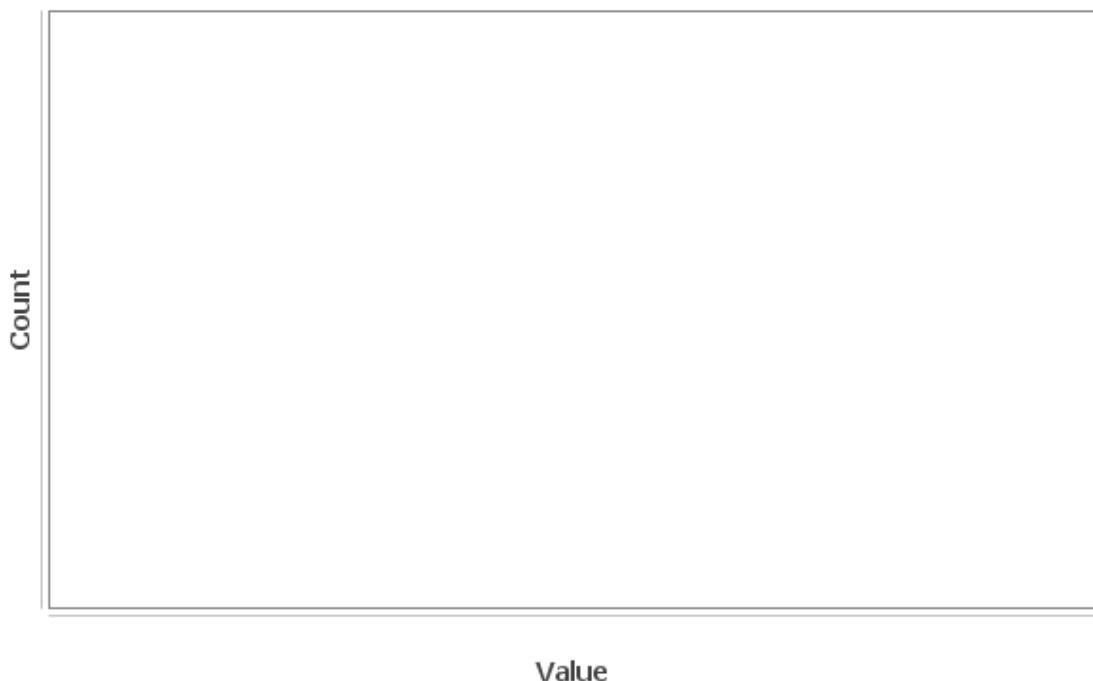
Network Interpretation: directed

Results:

Average Clustering Coefficient: 0,000

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

Clustering Coefficient Distribution



Algorithm:

Simple and slow brute force.

- Diámetro de la Red:

Graph Distance Report

Parameters:

Network Interpretation: directed

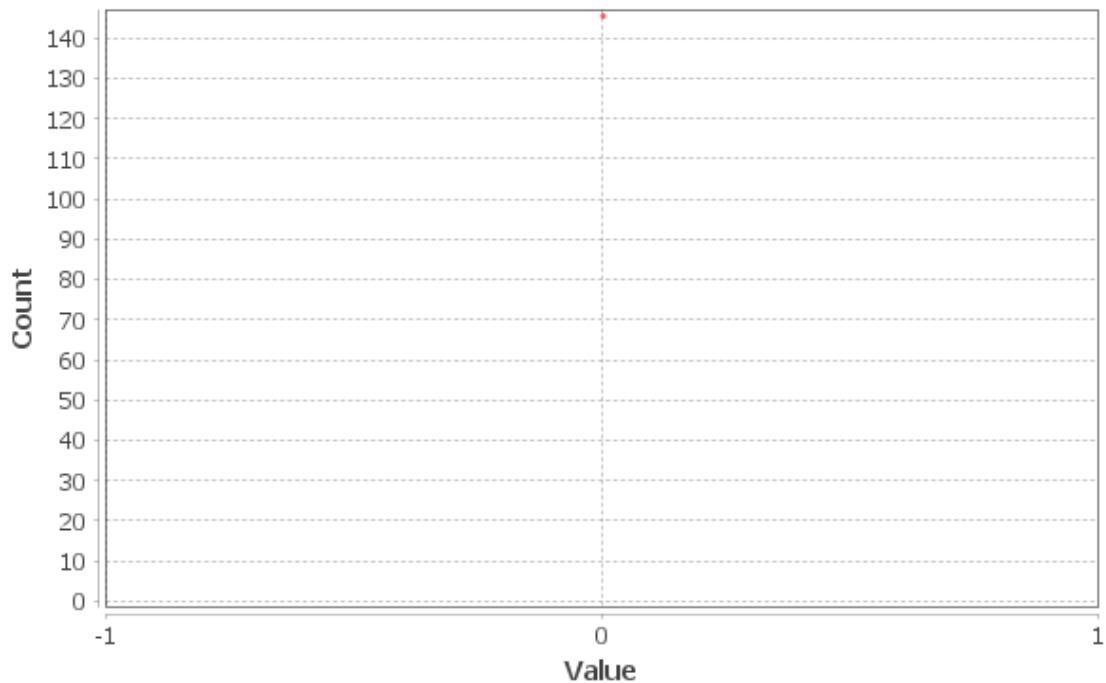
Results:

Diameter: 1

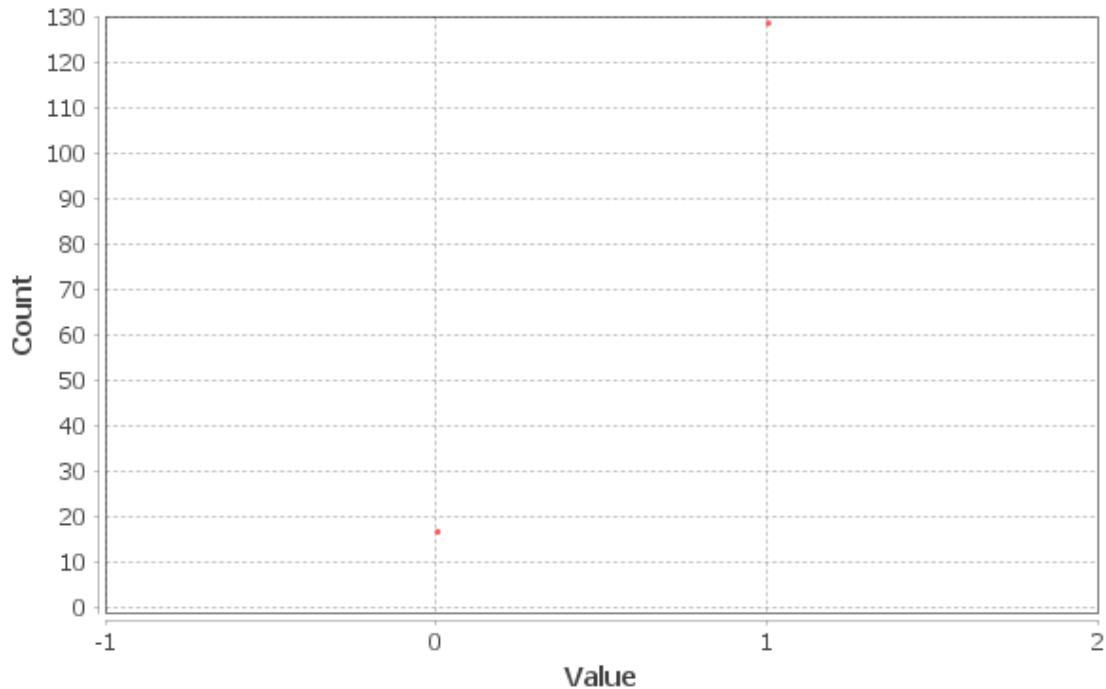
Radius: 0

Average Path length: 1.0

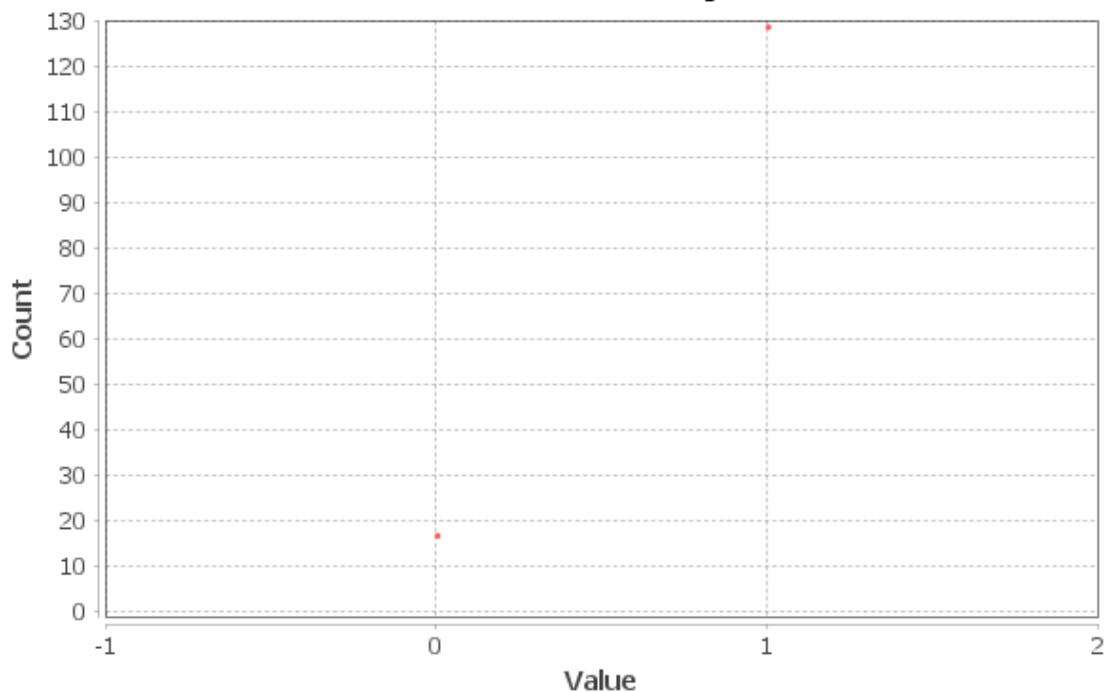
Betweenness Centrality Distribution



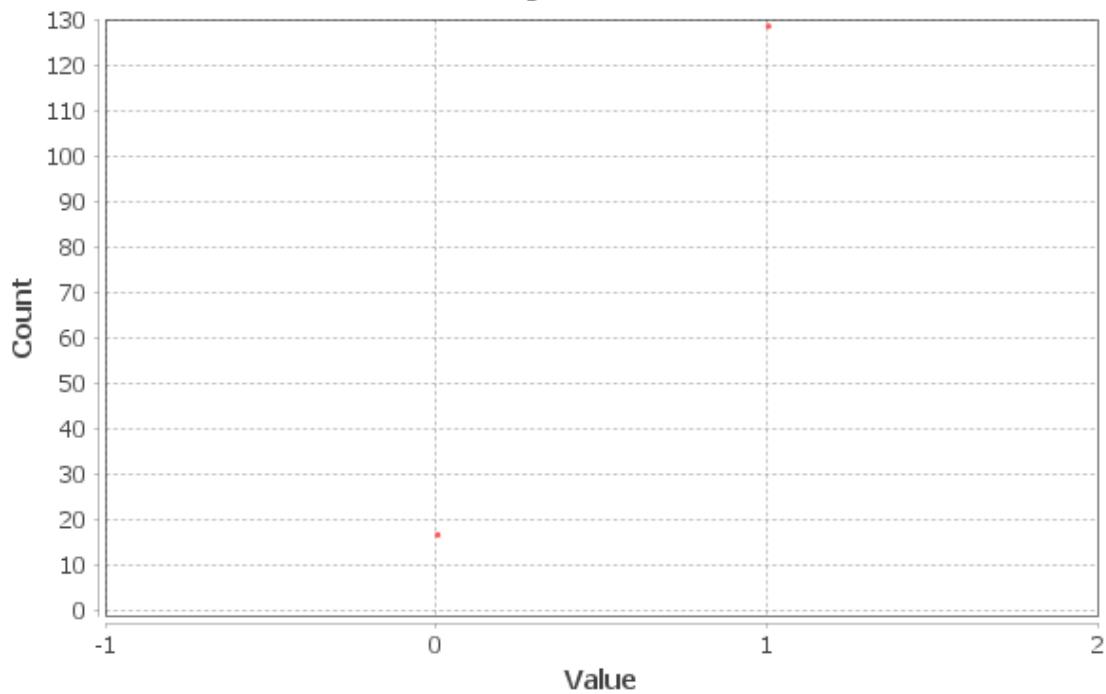
Closeness Centrality Distribution



Harmonic Closeness Centrality Distribution



Eccentricity Distribution



Algorithm:

Ulrik Brandes, *A Faster Algorithm for Betweenness Centrality*, in Journal of Mathematical Sociology 25(2):163-177, (2001)

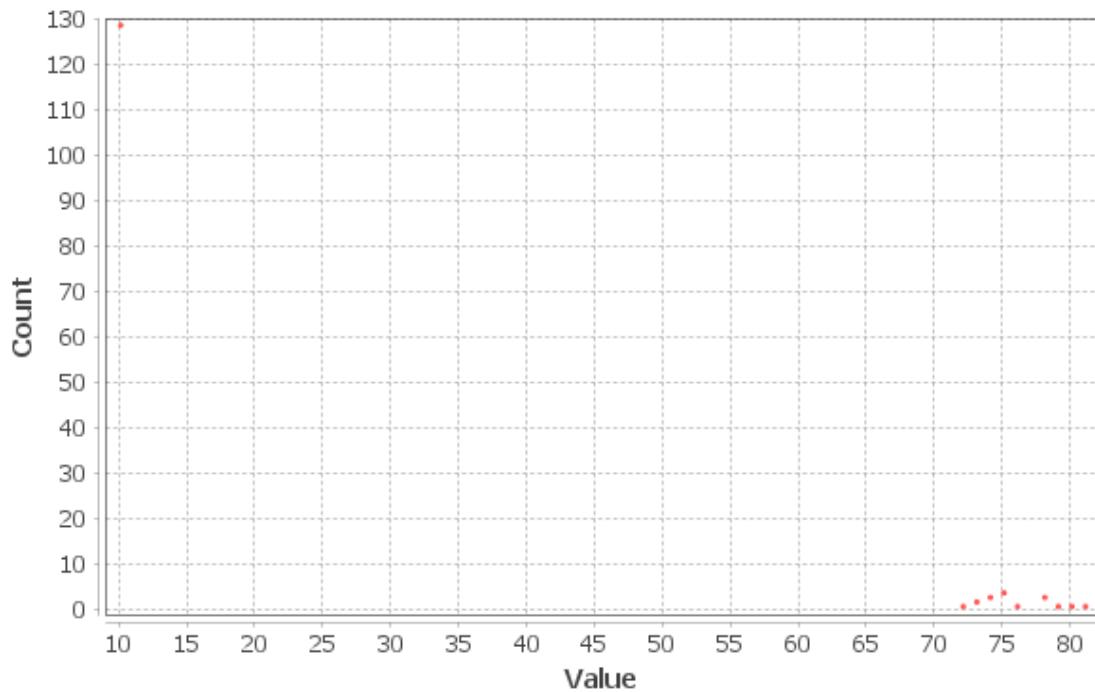
- Grado Medio:

Degree Report

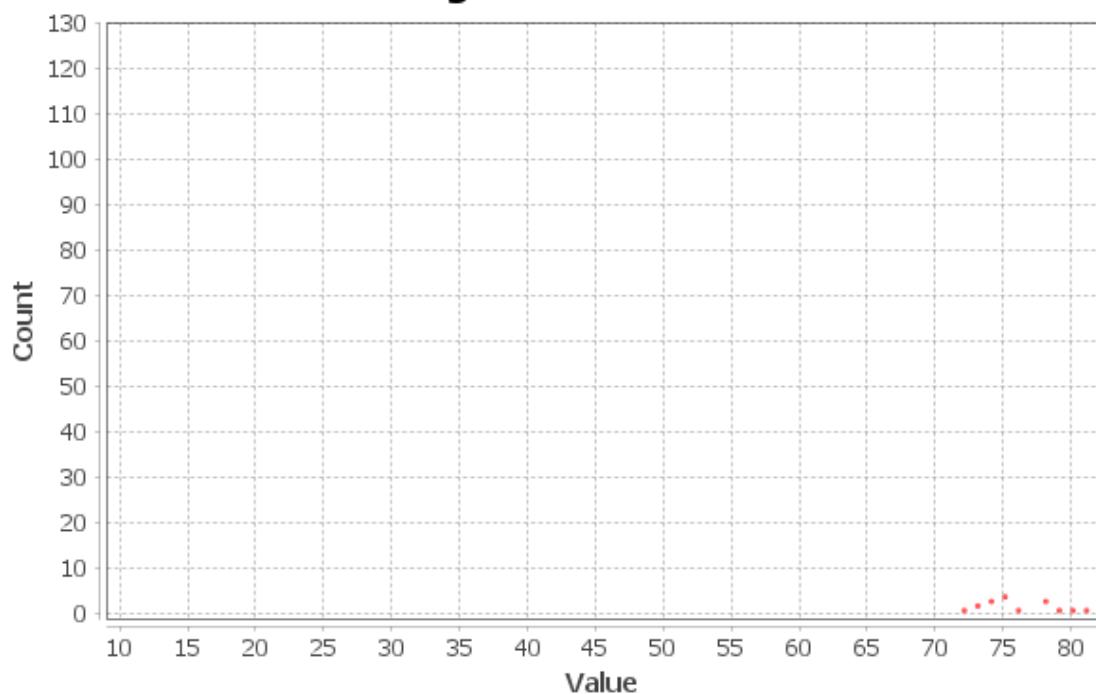
Results:

Average Degree: 8,836

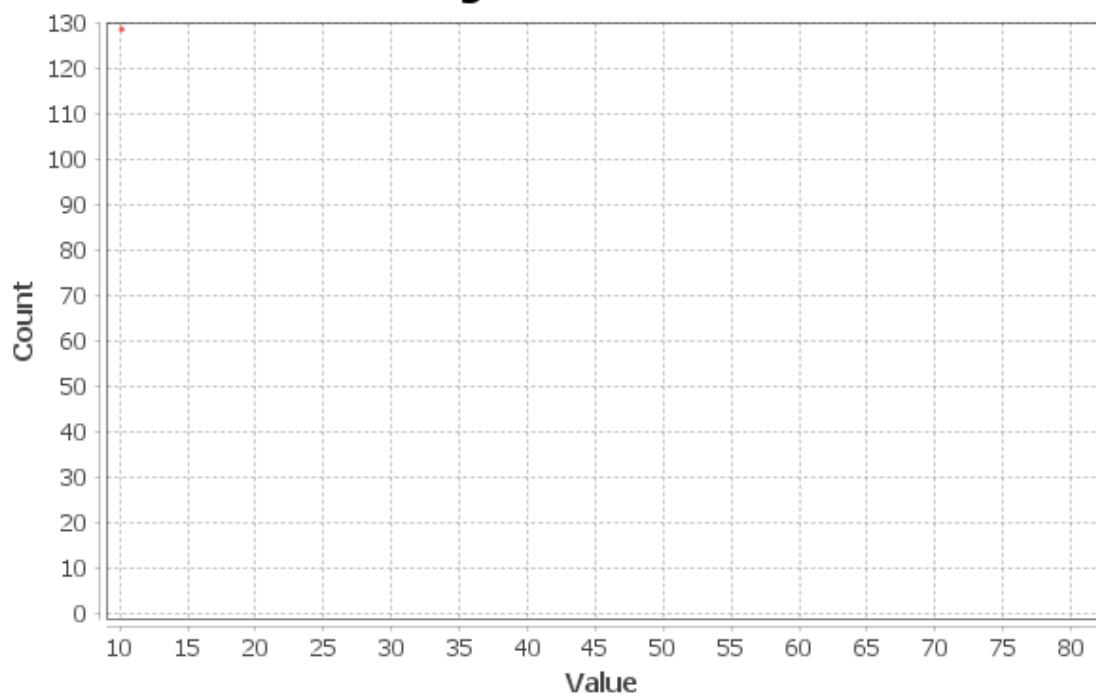
Degree Distribution



In-Degree Distribution



Out-Degree Distribution



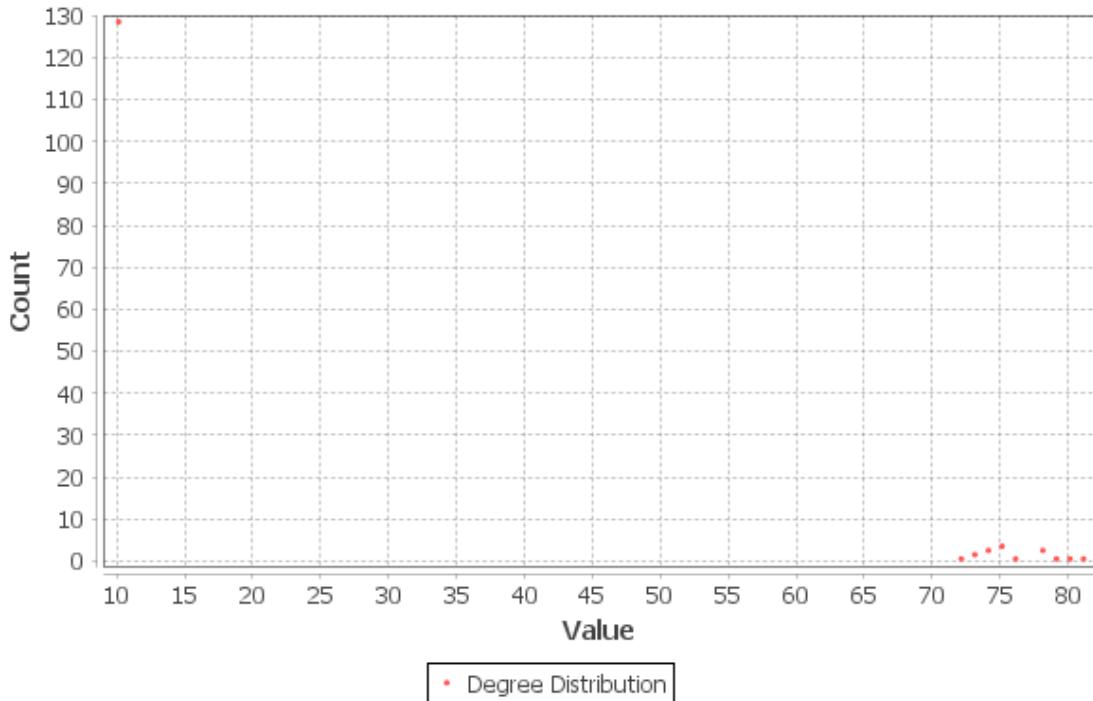
- Grado Medio con Pesos:

Weighted Degree Report

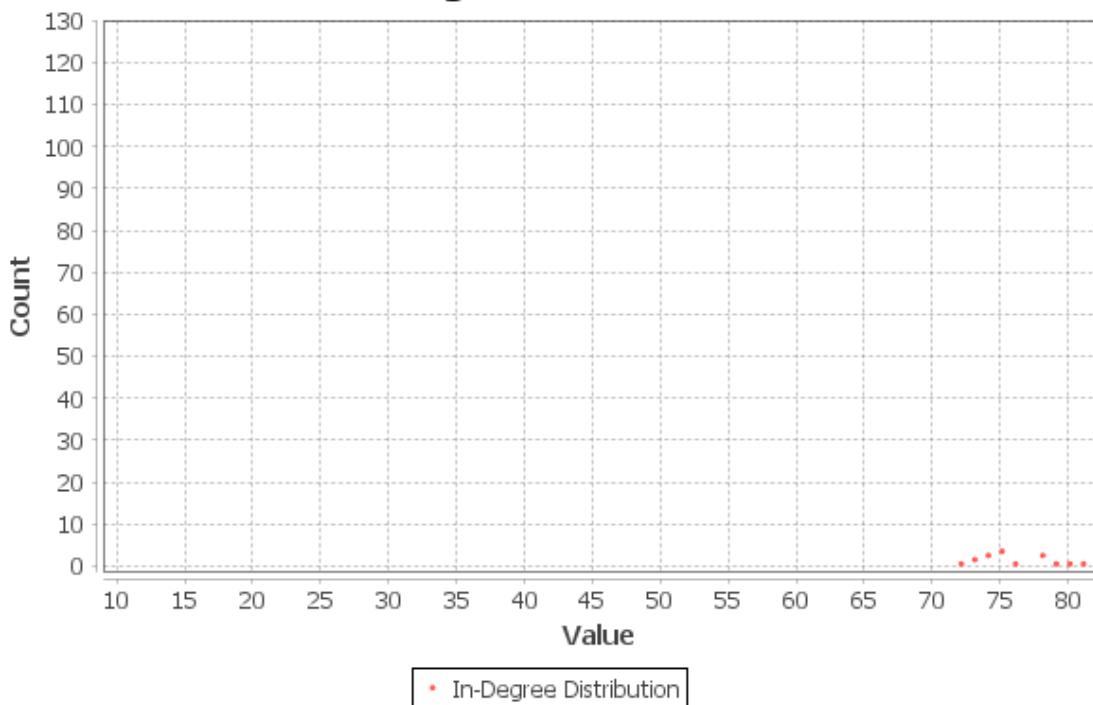
Results:

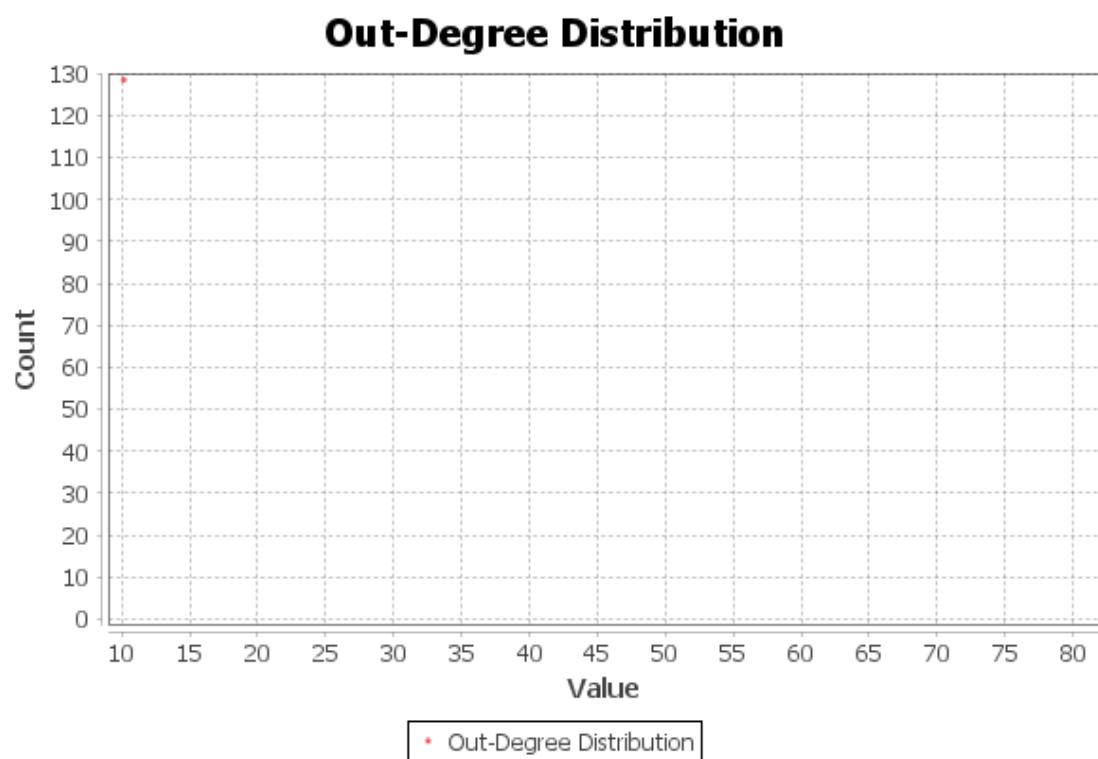
Average Weighted Degree: 8,836

Degree Distribution



In-Degree Distribution





- Número de componentes conexas fuerte y débilmente conectadas:

Connected Components Report

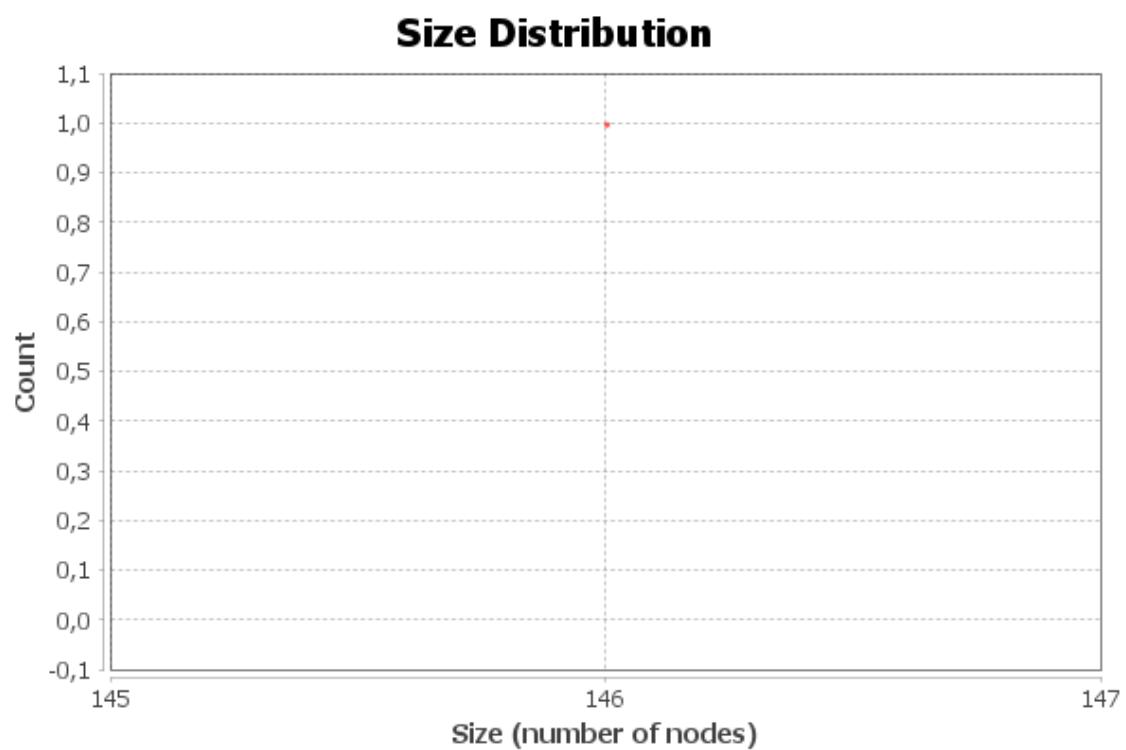
Parameters:

Network Interpretation: directed

Results:

Number of Weakly Connected Components: 1

Number of Strongly Connected Components: 146



Algorithm:

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