

Descubrimiento del Conocimiento usando herramientas de Big Data Módulo 2

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Practica Estructura de la Información en redes.

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Descripción

Utilizando la herramienta y los datos trabajados en clase encontrar:

- 1.- La modularidad de cada libro (guardar la grafica)
- 2.- El pagerank de cada libro (guardar la grafica)
- 3.- La representación del grafo visualmente (pdf)

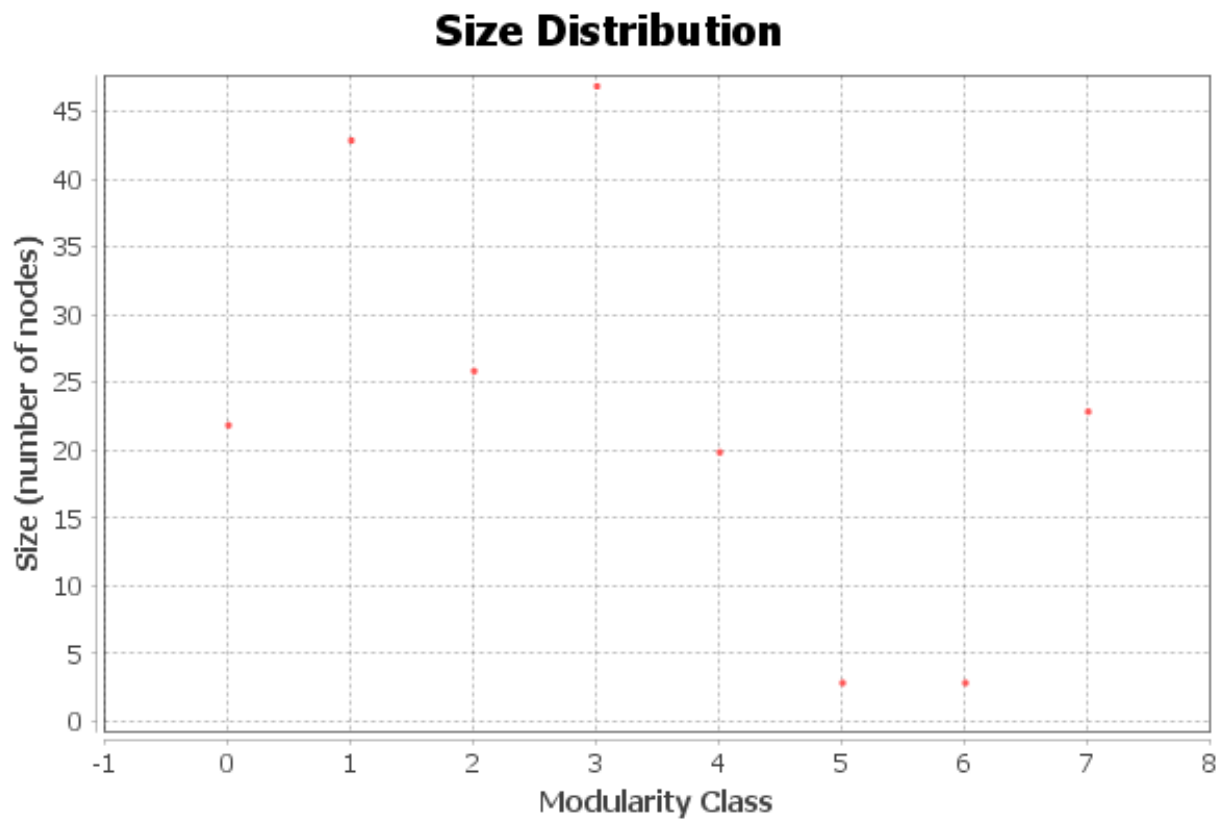
Libro 1

Modularity, Pagerank y Grafo

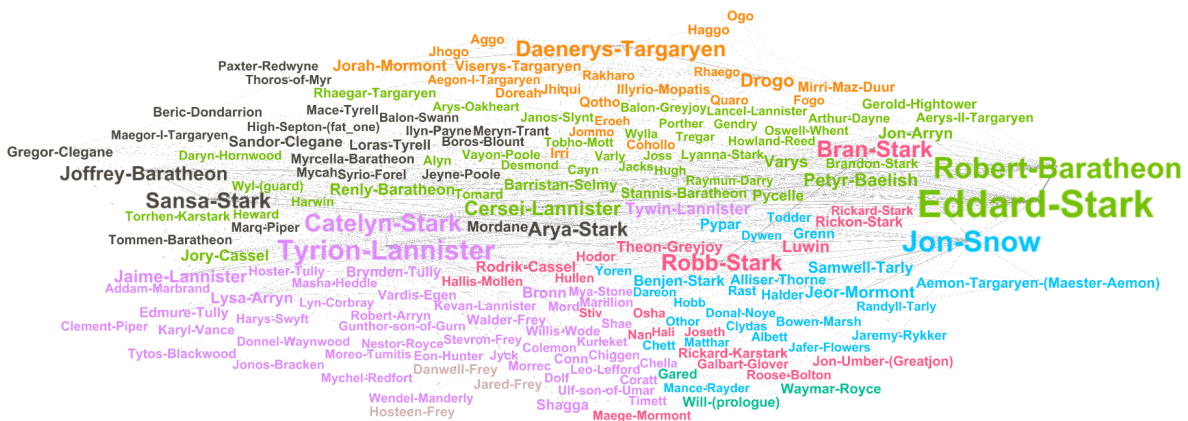
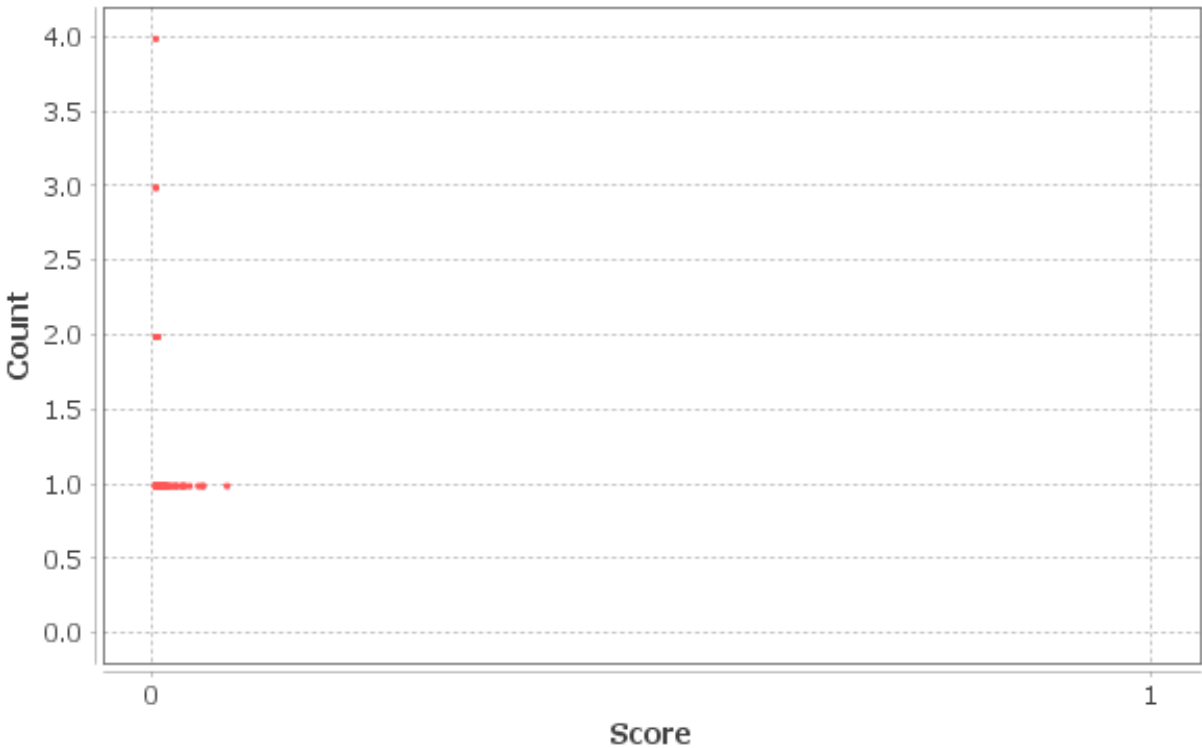
Modularity: 0.514

Modularity with resolution: 0.514

Number of Communities: 8



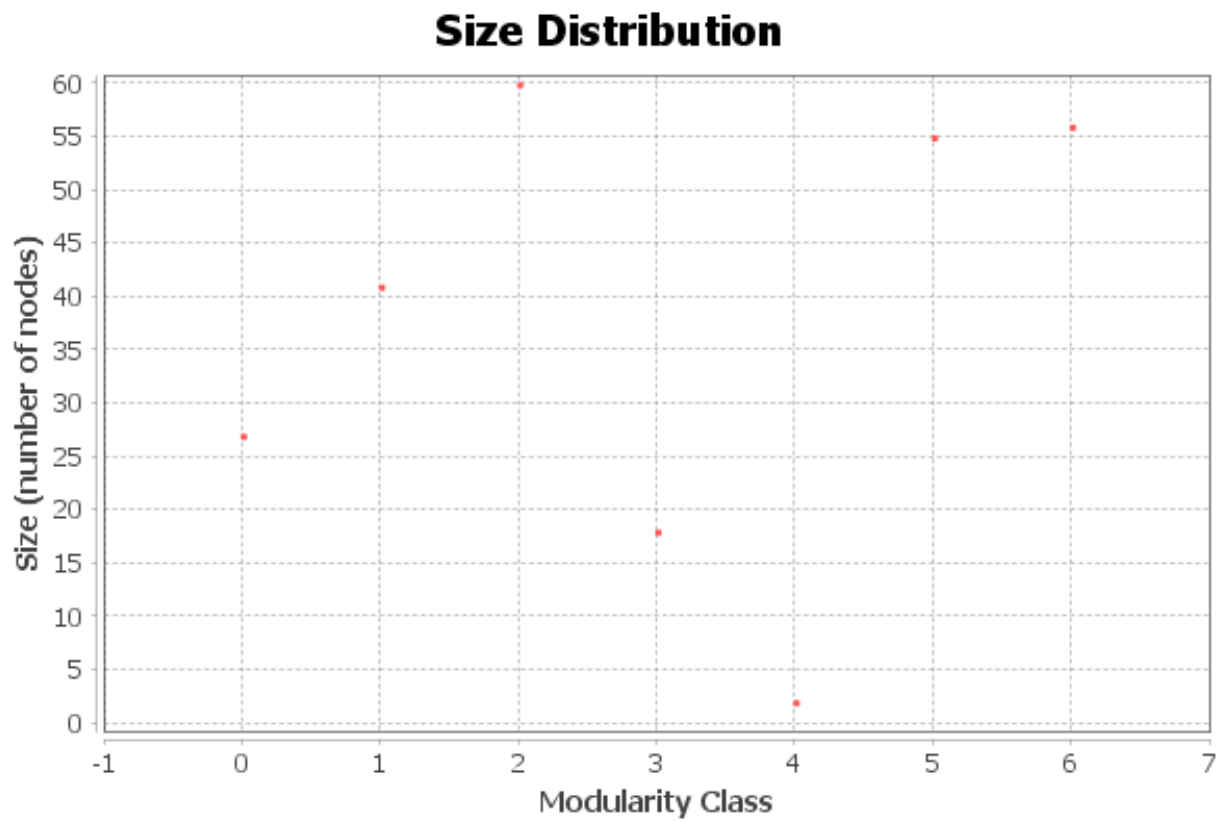
PageRank Distribution



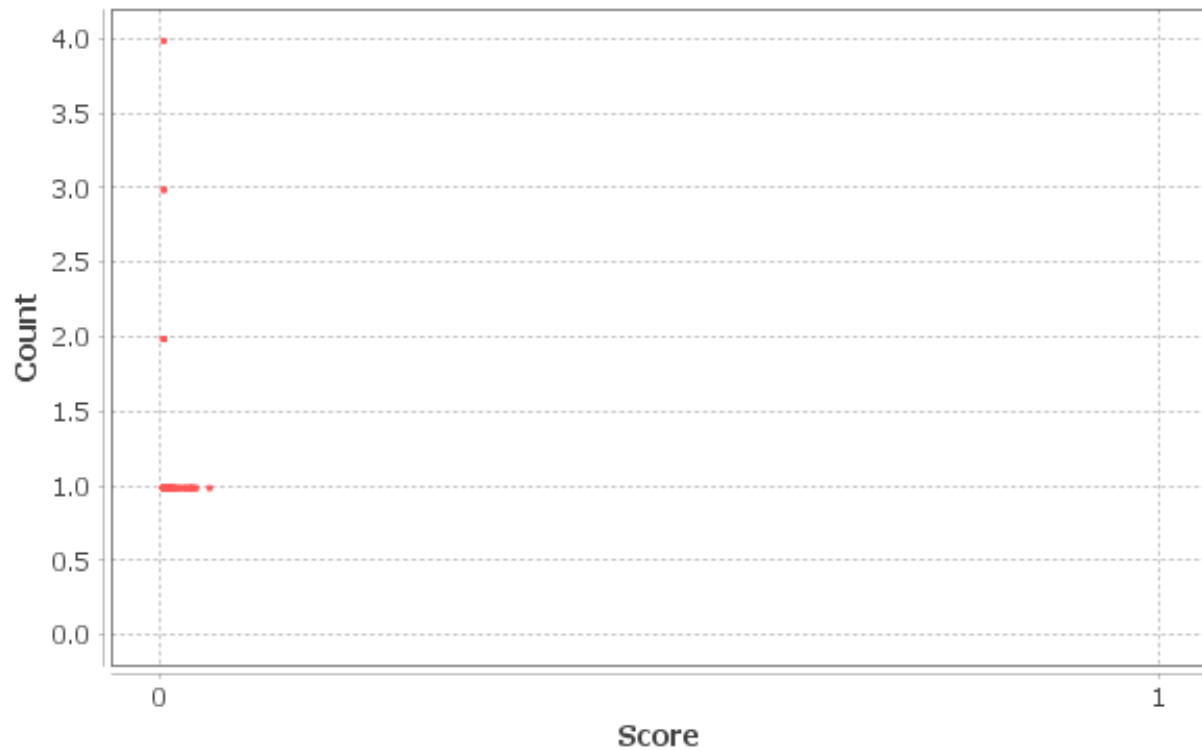
Libro 2

Moularidad, Pagerank y Grafo

Modularity: 0.607 Modularity with resolution: 0.607 Number of Communities: 7



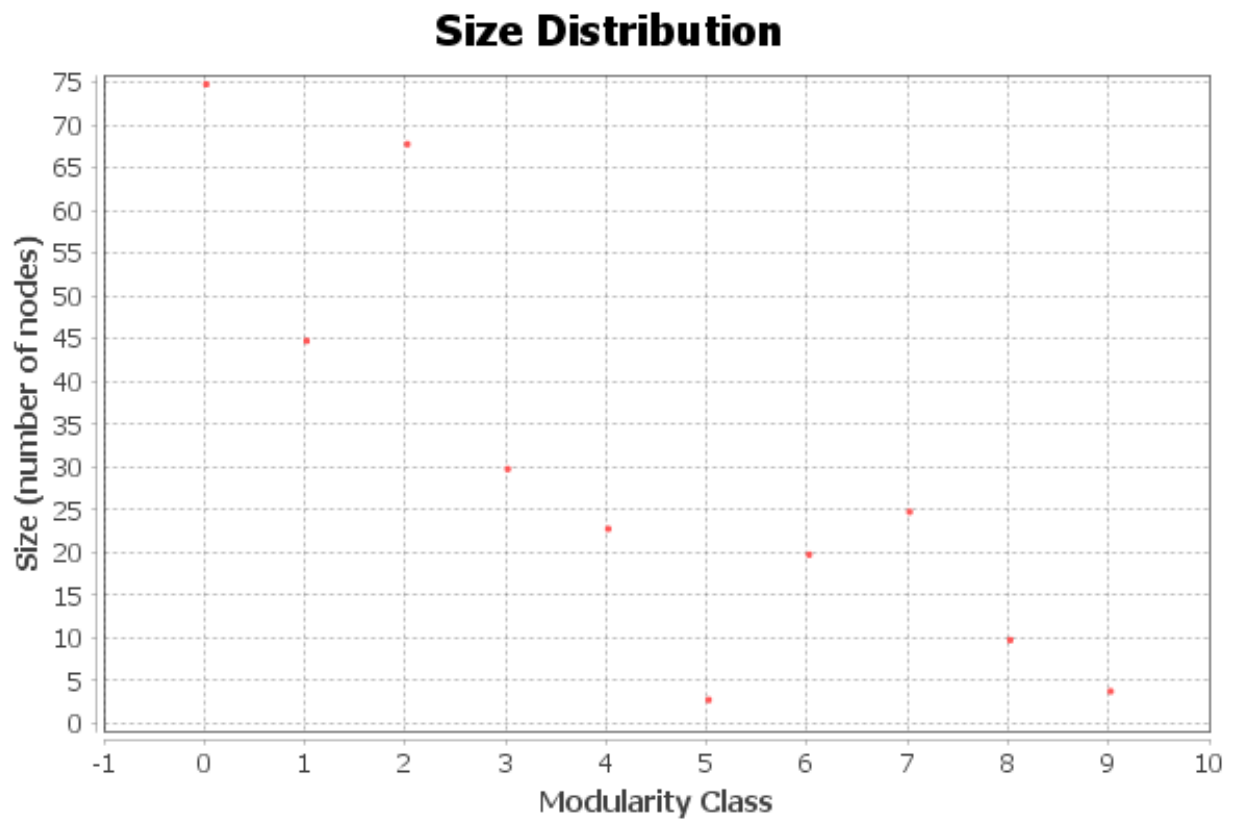
PageRank Distribution



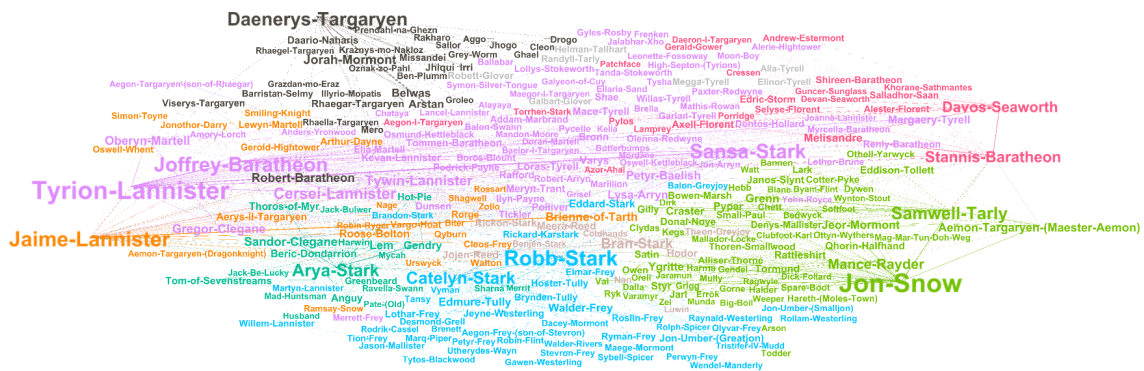
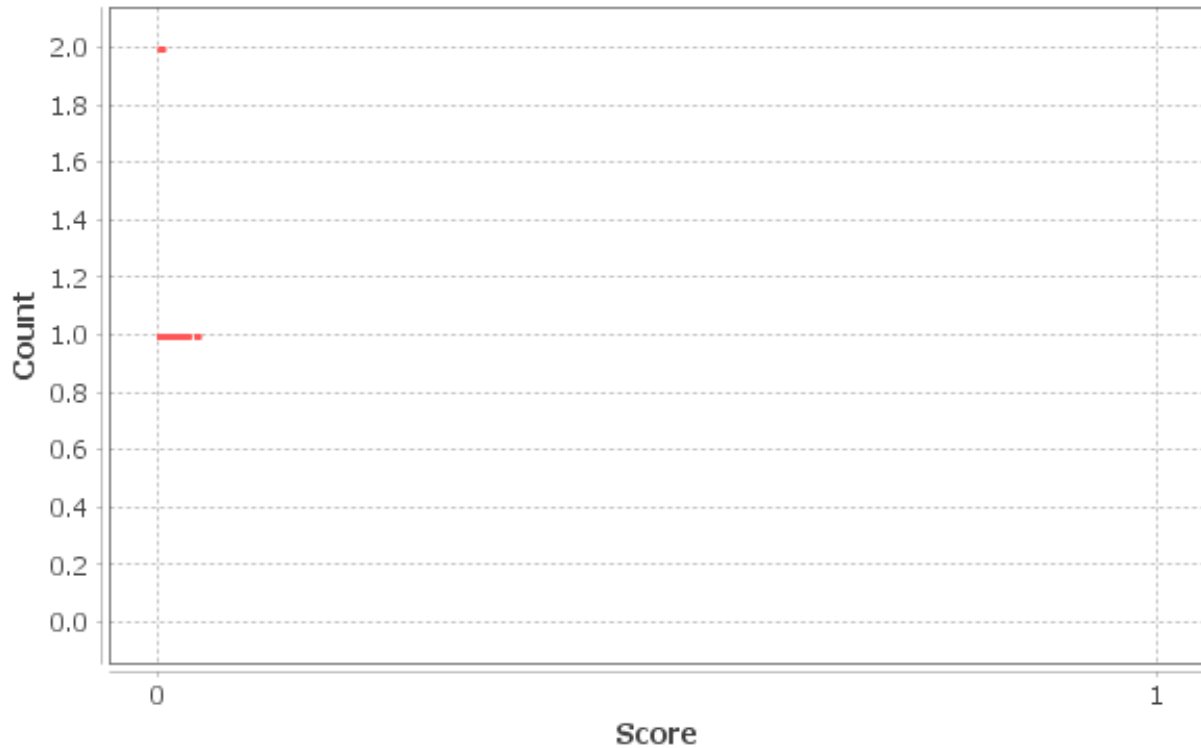
Libro 3

Moularidad, Pagerank y Grafo

Modularity: 0.649 Modularity with resolution: 0.649 Number of Communities: 10



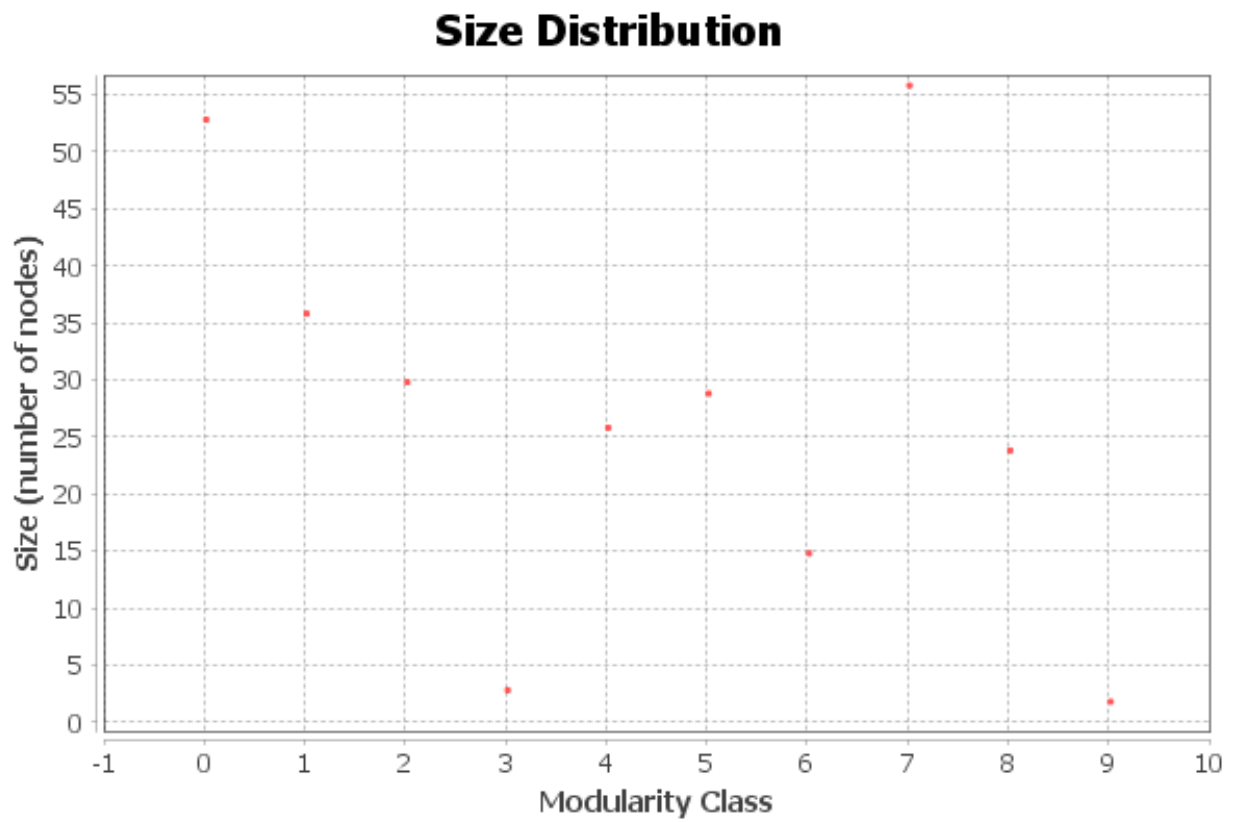
PageRank Distribution



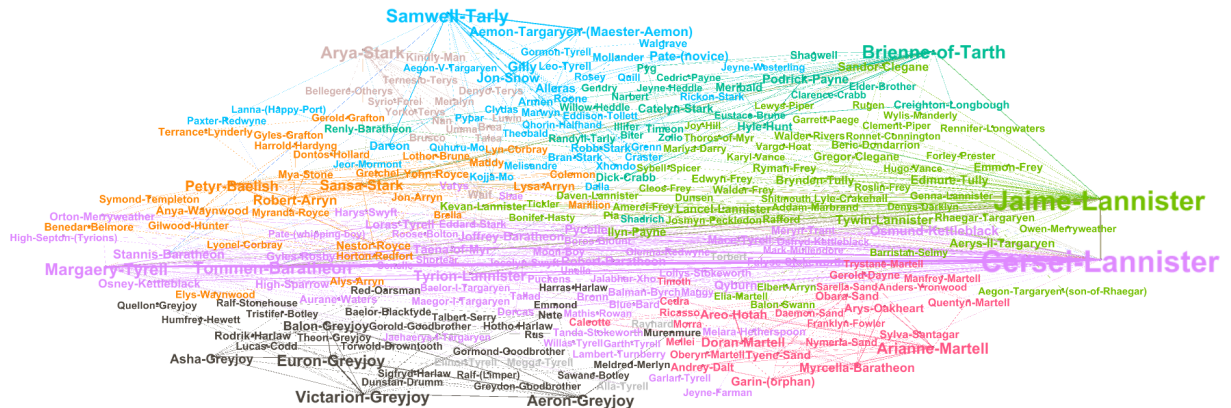
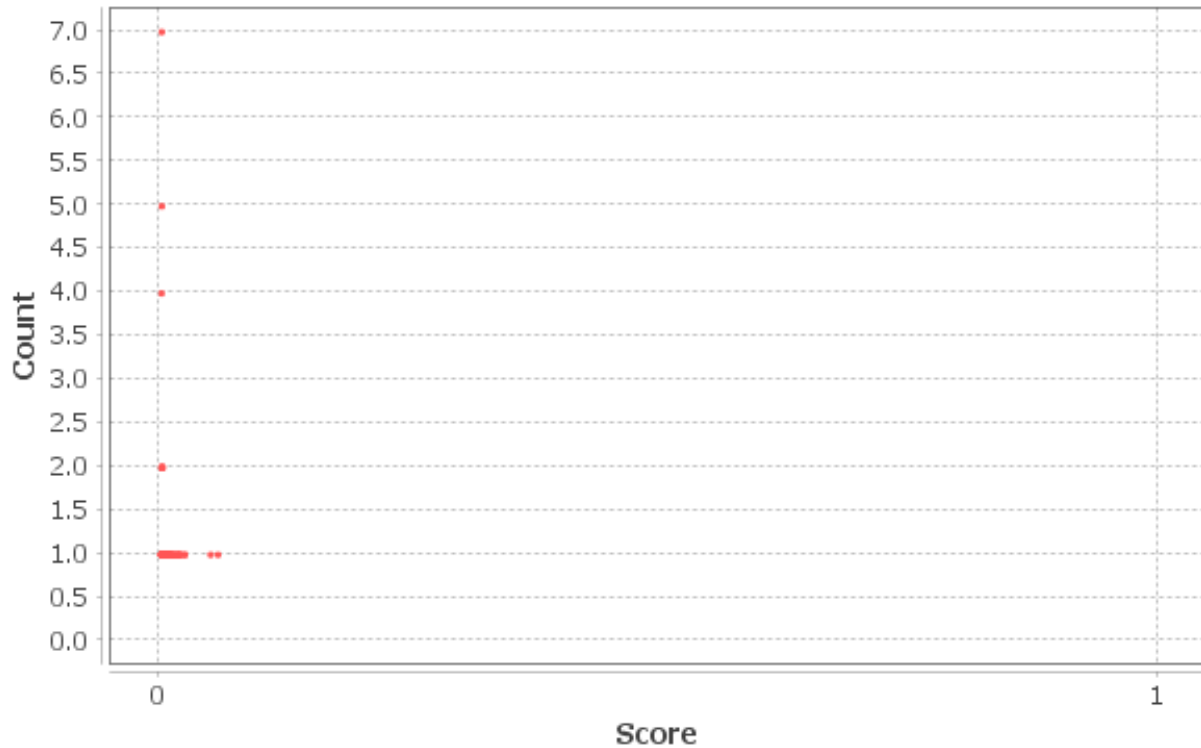
Libro 4

Moularidad, Pagerank y Grafo

Modularity: 0.665 Modularity with resolution: 0.665 Number of Communities: 10



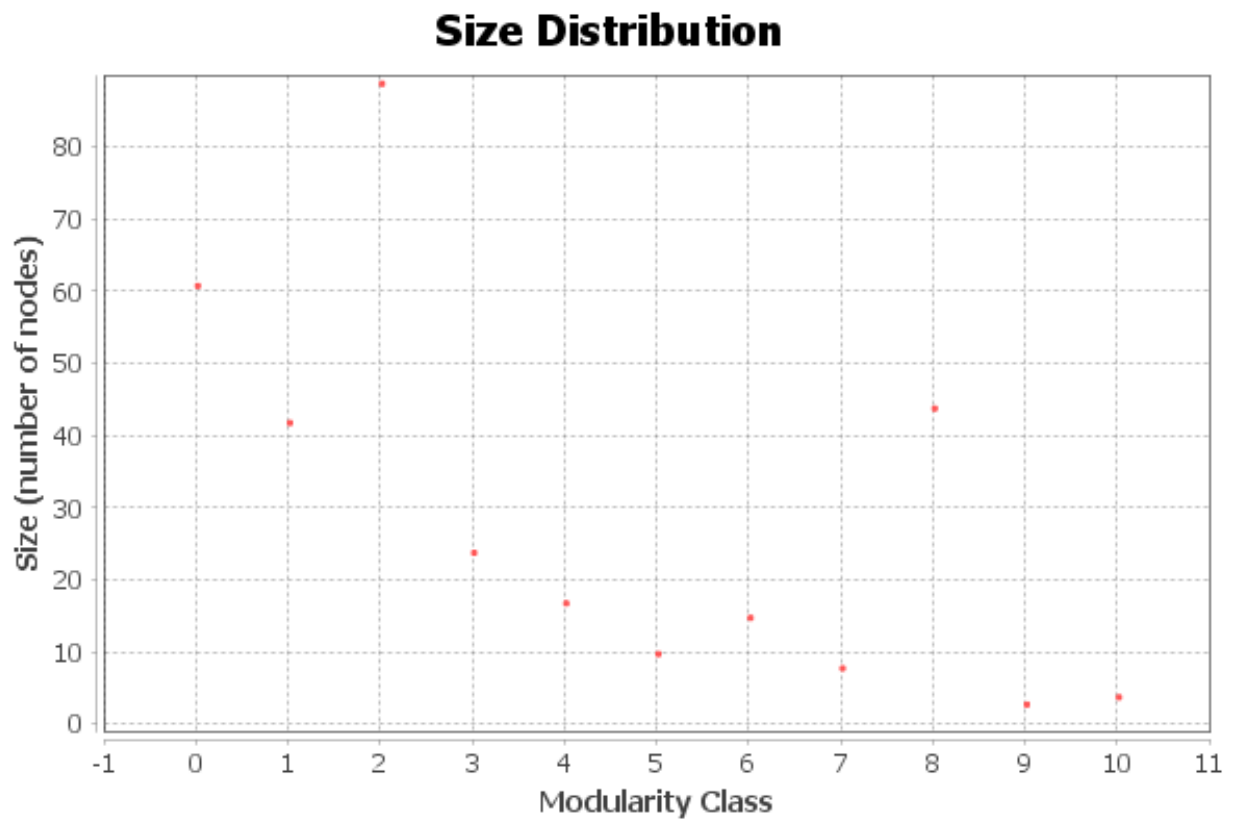
PageRank Distribution



Libro 5

Moularidad, Pagerank y Grafo

Modularity: 0.704 Modularity with resolution: 0.704 Number of Communities: 11



PageRank Distribution

