

Two primary ways to assess patterns in a network:

1. Statistical measures
2. Visual assessment

Statistical measures:

1. Degree
2. Centrality(influence)
3. Density( level of network connectedness)
4. Homophily (common groupings)
5. Diameter( max distance between nodes)

Visual assessment:

1. Node location to represent related nodes
2. Node sizes
3. Node coloring

Tools

1. Gephi
2. NetworkX
3. Igraph
4. graphViz
5. nodeXL
6. sinma.js
7. Pajek
8. Tulip
9. Cytoscape