

Networks

- 1. Hypertext 2009
 - Network of **face-to-face** contacts of the attendees of the ACM Hypertext 2009 conference.
 - Undirected
 - o **113** vertices
 - 2 196 egdes
- 2. Chicago
 - Road **transportation** network of the Chicago region.
 - Undirected
 - 1 467 vertices
 - o **1 298** egdes
- 3. arXiv astro-ph
 - Authors of common papers from the arXiv's Astrophysics section.
 - Undirected
 - o **18 771** vertices
 - o **198 050** egdes

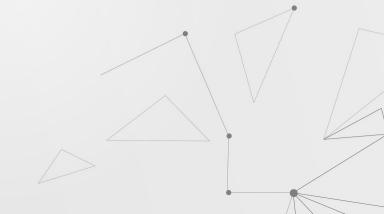
Gephi Toolkit

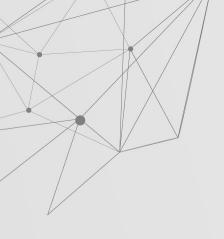
	Hypertext	Chicago	Astroph
Degree	0.019	0.008	0.134
Betwennes, Closeness	0.185	0.077	93.171
Clustering Coefficient	0.025	0.01	3.457
Page Rank	0.014	0.032	0.484
Shortest Path	0.222	5.294	> 25 min
Connected Components	0.002	0.059	1.14
Density	0.001	0.00001	0.00001



Cytoscape

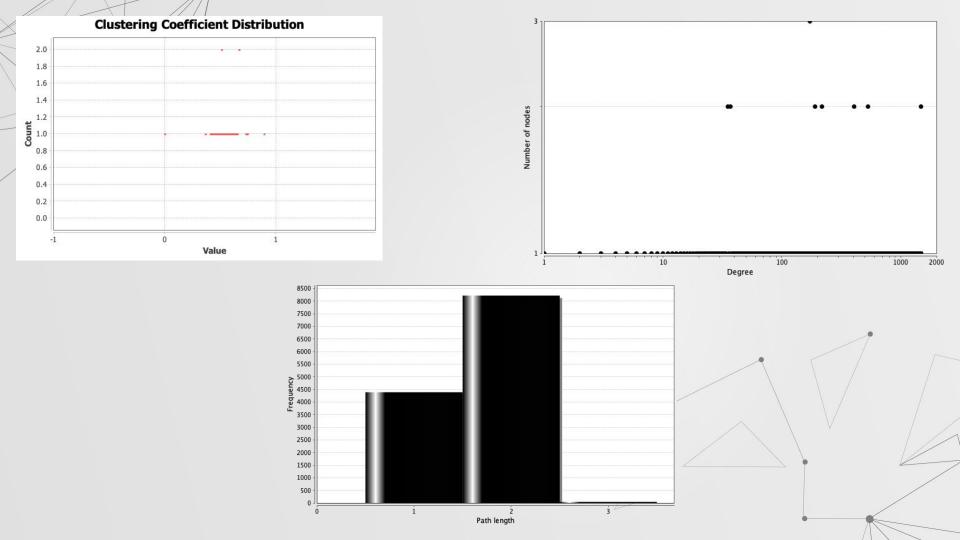
	Hypertext	Chicago	Astroph
Analyzing Time	0.227	0.008	0.134



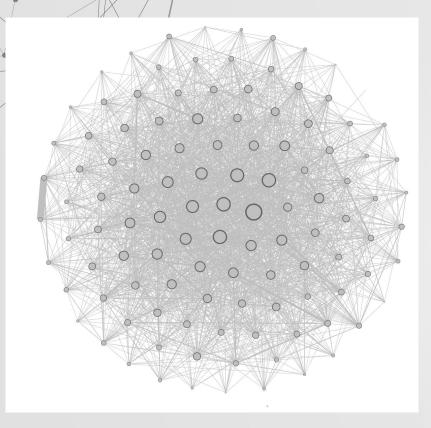


Hypertext

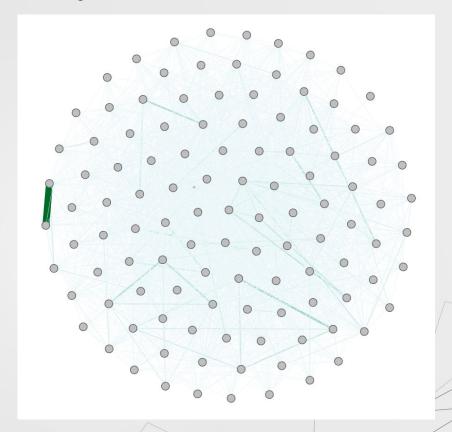


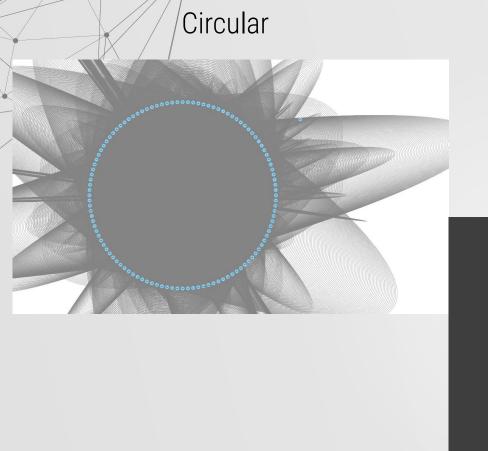


Degree based

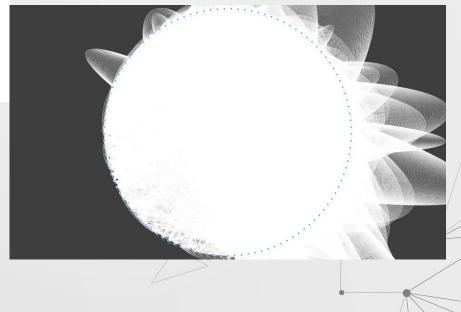


Weight based

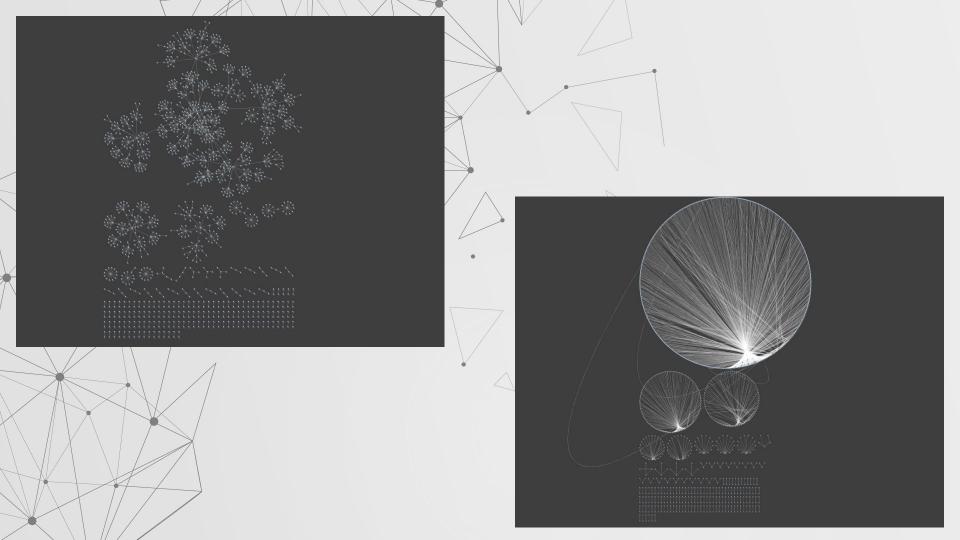


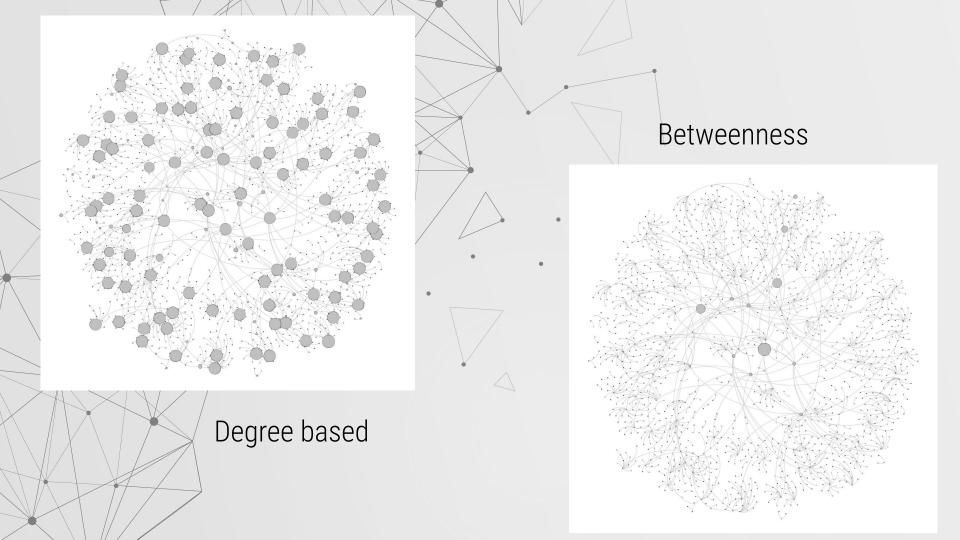


Circular degree sorted



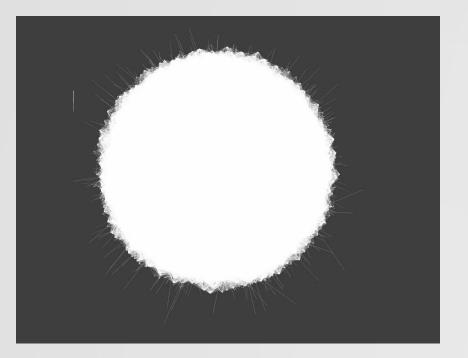






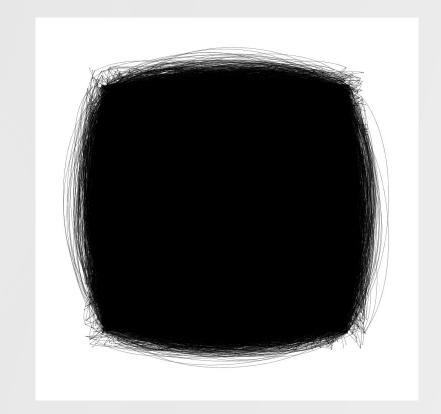


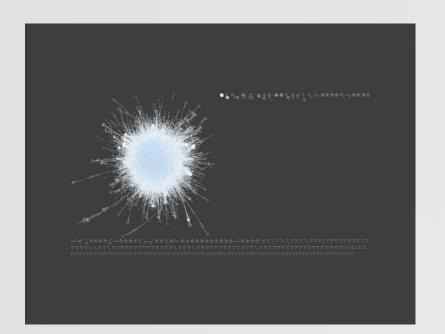
Astroph

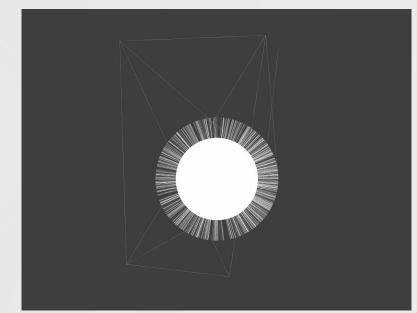




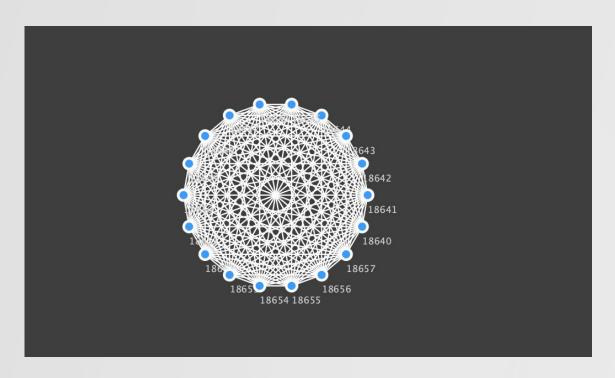




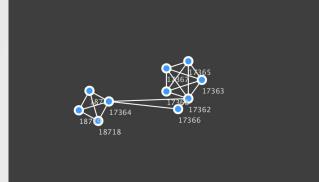








Groups of authors





	Gephi	Cytoscape
Flexible layouts	+	-
Flexible size and color configuration by parameters	+	-
Toolkit	+	?
In-built analyzing reports Plugins/applications	-	+ +
Speed of analyzing / Performance	- //	+

