

Pajek Instruction 4

Now you should already have Pajek 2.* installed in your computer. Otherwise, please refer to our "Pajek Instruction 1" [HERE](#).

If instead you have Pajek 3.*, please refer to the following link for a list of changes made from Pajek 2.* to 3.*. (Thanks Jordi, among all discussants in the forum). <http://mrvar.fdv.uni-lj.si/pajek/Pajek205to301.htm>

Open Pajek and load the data set:

- go to the "File" tab at the top of the Pajek page
- go to the "Network" in the dropdown
- select "read"
- find the directory where you have stored the data "YeastS.net" (or "NetScience.net"), and open it.

Using Pajek examine basic information about component size:

- go to the "Net" tab at the top of the Pajek page
- click "Components"
- click "Weak"
- input "1" when you are asked "Minimum size of components"
- a "Report" window should pop out and you can find the Size of the largest component, among other information

You may want to see the network, recall that to draw a network:

- go to the "Draw" tab at the top of the Pajek page
- click "Draw"

- you can play a bit with different layouts, so as to see the network more clearly
 - if you want to get rid of the names of vertices, click “GraphOnly”
 - go to the “Layout” tab at the top of the figure page
 - click on some of the variations (circular, energy, etc.) and it will redraw things
- if you want to examine the connectedness of the network, you can try the “Separate Components” layout. To do this:
 - go to the “Layout” tab at the top of the figure page
 - click “energy”, then “Kamada-Kawai”, and then “Separate Components”
- probably you have already noticed some useful shortcuts:
 - “Ctrl”+“G”: draw a network
 - “Ctrl”+“K”: redraw using “Separate Components” layout

Have fun!