

NetSci 2012

Material

- [Tutorial Presentation Details](#)[Tutorial Announcement and Details](#)
- [Reminder email template](#)
- [Slides](#) - note that the Jython code in some of the slides is incorrect.
- [Pre-questionnaire](#)
- [Post-questionnaire](#)
- Sample Datasets - full sample datasets can be found at [2.5 Sample Datasets](#)
 - ISI data used in the tutorial
 - [FourNetSciResearchers](#) – 361 publications spanning 52 years and four network scientists: Albert-László Barabási, Eugene Garfield, Alessandro Vespignani, & Stanley Wasserman. This data was collected in 2007 from Web of Science.
 - [AlessandroVespignani](#) – 101 publications authored or co-authored by Alessandro Vespignani from 1990-2006.

Required Software

- [Java 1.6 or higher](#) - A programming language and computing platform for developing cross platform (operating system) software. You can check your currently installed version [here](#).
- [Science of Science tool \(Sci2\)](#) - A desktop application for information analysis and visualization.
- An image viewer capable of interpreting the [PostScript](#) visualizations generated by the tool.
 - **Windows** users may find that they have a commercial PostScript viewer from the [Adobe Acrobat](#) family already installed. Alternatively they may install the free interpreter [Ghostscript](#) and the free viewer [GSview](#) (**both** are required in this case).
 - Other possible alternatives to investigate (thinking out loud, edit this away later):
 - <http://www.rampantlogic.com/psview/index.html> A bundling of Ghostscript 8.61 as a single executable that forwards the generated PDF to the OS's default PDF reader. Reviewed pretty well on cnet.
 - <http://kb.iu.edu/data/afbn.html?cust=1244> mentions something called RoPS; its website isn't loading right now.
 - The online service at <http://view.samurajdata.se/> sorta works but isn't very convenient or pretty.
 - **Mac OS X** users can use the built-in [Preview](#) application and should not need a 3rd party reader.
 - **Linux** users will likely find that their distribution comes pre-installed with Ghostscript and may use one of its included scripts (see [ps2pdf](#)).
- [Gephi - The Open Graph Viz Platform](#) - Not strictly required, but may be demonstrated during the tutorial.
- [R - The R Project for Statistical Computing](#) - Not strictly required, but will be demonstrated during the tutorial.