

Math 473: Lab 1 Monday, January 30 in Neckers 258 back: computers 11-25. Login to one of these computers before Monday since the initial login can take 10 minutes. The computer on button is in the upper left corner while the monitor on button is in the lower right corner. You may need to press a computer keyboard key to get the login and password bars to appear.

The computer lab login is like logging into salukinet. If necessary, hit Ctrl, enter your AD\siu8... (dawg tag) and your password. Left click the lower left icon, or near the lower left icon, search for Arc, SAS, etc. Left double click the ARC icon.

Hopefully, *R* and *SAS* are on computers 11–25. *R* are free software that can be downloaded on your personal computer. See text and syllabus for URLs.

Click the Internet icon and search for David Olive. His personal page (<http://parker.ad.siu.edu/Olive/>) has links to *Survival Analysis* (<http://parker.ad.siu.edu/Olive/survbk.htm>), and Some Links for Students which has information on Math and Statistics Texts, and the SIU Actuarial program. The Math 473 webpage is (<http://parker.ad.siu.edu/Olive/M473.html>).

The URL (<http://parker.ad.siu.edu/Olive/survch5.pdf>) has more information on *R*. Scroll through the file to see what it has.

For computers in the computer lab, near the lower left icon, search for Word (or Word 2013). When Word opens, click on the blank document icon near the upper right of the window that opens for word. The command “CTRL c” means press the CTRL and c keys at the same time. These commands make a copy of your plot. Then click on Word and use the command “Ctrl v” to paste the plot in Word. Eventually, you want to save the Word document on your flashdrive, and either print the document or email it to me.

SAS ([www.sas.com](http://www.sas.com)) or ([https://www.sas.com/en\\_us/home.html](https://www.sas.com/en_us/home.html)) has a free SAS On-Demand for Academics (old SAS University Edition) and free tutorials for SAS programming. You can request materials from the SAS institute as well. They make these available for free for professors to use in teaching. They have some nice examples and data sets. See SAS Academic Program ([https://www.sas.com/en\\_us/learn/academic-programs/educators.html](https://www.sas.com/en_us/learn/academic-programs/educators.html)) or (<http://support.sas.com/learn/ap/prof/index.html>) for information.

There are some nice examples in SAS Statistics 1, this is also now available free as an e-course for anyone. (<https://support.sas.com/edu/elearning.html?ctry=us&productType=library>) SAS Training in the United States – e-Learning

This includes a SAS programming course.

Google SAS>Ad ([www.sas.com](http://www.sas.com)) >How to buy>academic

[http://www.sas.com/en\\_us/software/trials-demos.html](http://www.sas.com/en_us/software/trials-demos.html)

Google SAS User’s Guide

See homeworks 2 and 3, the online hw2SAS handout, and the online *R* handout for more information about *R* and *SAS*.