

## What We Learned From Lab 1

- that you always sign in the blue attendance book located at the front of the room when you first come into lab
- that you may make free copies from the printer (as long as it is working!!!!), but be judicious in your use, so we don't lose the privilege because we are going through too much paper
- that as a regular routine, I plan to "talk" for the first 5 minutes or so of the lab period, then cut you free to work on the (hopefully) self-explanatory lab reports for the week—I will walk around and assist as needed for the rest of the period
- that lab reports are due on Tuesday (lab day) one week after first assigned (during previous lab day), and that late labs (turned in Wednesday or later) will not be accepted
  - you get 2 attendance "free skips" and 2 lab assignment "free skips" (not showing up or not submitting for grading without having it adversely affect your grade)—those skips do not have to be on the same lab day
- that, as a last resort, you may email me lab reports (no later than due date Tuesdays) in `.doc` format or `.pdf` format, but NOT as `.docx` format
- that you should come to lab with a flash drive, having your name on it, and possibly a neck loop attached to it, so that you may keep electronic copies of all pertinent work from the lab on this drive—never give me the original of your submitted work or the only copy—you may also email files to yourself from the lab, if you forget to bring your drive—don't leave files on the desktop and expect them to still be there the next time you sit down at the computer
- that my office hours will be held in math room MA 212, which is the math undergrad. study room
- that if you need instant response, call me on my cell (360-1995), since I check my email once a day
- that you are encouraged to work in groups, yet still submit your own individual lab report and other work—don't send me the same report with names changed at the top
- that you should check the web site frequently for updates, and that every time I update the site, I change the red date at the top part of the web page when I do so
- that StatCrunch may be accessed from (at least) 2 ways: through the web site **statcrunch.com** or through your MyMathLab web site for STAT451 (by clicking on **MULTIMEDIA RESOURCES**, then StatCrunch buttons twice)
- that you do your statistical tables and graphs in StatCrunch, but copy/paste the results to WORD by clicking on **OPTIONS** **COPY** in StatCrunch graphs and tables—you will use the same procedure when we use R (make your statistical displays in R, then copy/paste results to WORD)
- that StatCrunch will NOT let you create histograms of categorical data nor create bar graphs of quantitative data

- that pie charts are useful ONLY for categorical data, which is uniquely placed in categories, and that you don't have too many categories, or have large pie pieces mixed with small slivers of pie pieces (because it looks "poor" and can be confusing to the reader)
- that your lab reports represent you when you are not physically there to make your presentation, so that you need to be "professional" and neat in your display of statistical information, using complete sentences, proper English, pleasant display location and sizing, etc.
- that StatCrunch (as well as R) will accept `.csv` data files (comma delimited), and `.txt` and files (space delimited as well as tab delimited)
  - you should download `.csv` EXCEL files from the web site to desktop, then right click to **OPEN WITH NOTEPAD** then **SAVE AS** `.txt` notepad document, in order to have the `.csv` file imported correctly into StatCrunch (as well as R)
  - Brian prefers to give data in `.txt` notepad files, as well as he prefers tab delimited or space delimited—all of these formats will be accepted by StatCrunch, as long as you designate which format you want (comma, tab, or space delimiters)