SOC 5050: Week 02 Commands Quick Reference

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August 29th, 2016

Opening Stata Datasets from Other Sources

```
use ["]filename["] [, clear]
```

The option `clear` is analogous to the standalone `clear` command.

Descriptive Statistics

Mode
```
tabulate varname, sort
```

The first value listed with the `sort` option will be the mode.

Detailed Summary
```
summarize varname, detail
```

Without the optional *varlist,* all variables in the dataset will be listed. The detail option gives additional values.

Specific Values
```
tabstat varname [, statistics(statname)]
```

Not specifying the *statistics* option for the `tabstat` command results in only the mean being reported. See `tabstat documentation` or type `help tabstat` for a list of available statistics.

Plots

All generic options for plots omitted from each example below.

Bar Charts
```
graph bar (count), over(varname)
graph hbar (count), over(varname)
```

Histogram with Bins Altered
```
histogram varname, frequency bin(binNumber)
```

Box Plots
```
graph box varname
graph hbox varname
```

Graph Options
```
title("titleText")
subtitle("subtitleText")
note("noteText")
scheme(schemeName)
```

Exporting Plots

```
graph export "filename" [, width(val) height(val) replace]
```

Be sure to include the file extension in your filename - I recommend using `.png` files. I also recommend generating images that are 800 pixels wide by 600 pixels high. You can also include a `filepath` instead, which is particularly useful if you have a `Plots` subdirectory. Finally, you need to export after each graph is created.

Document Details

Document produced by Christopher Prener, Ph.D. for the Saint Louis University course SOC 5050 - QUANTITATIVE ANALYSIS: APPLIED INFERENTIAL STATISTICS. See the course wiki and the repository `README.md` file for additional details.