

# How To Choose A Chart - A Statistically Informed Visual Guide With Stata Commands

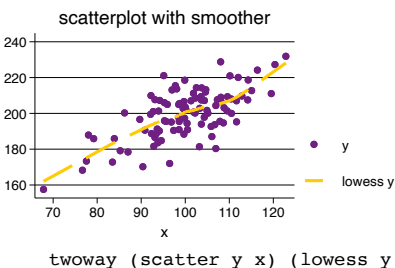
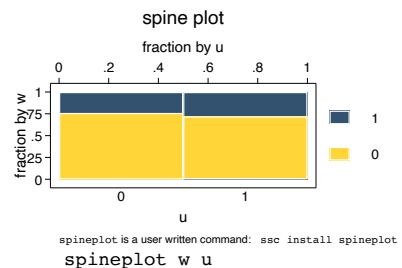
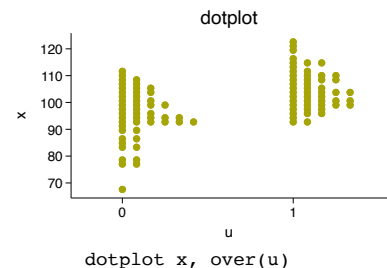
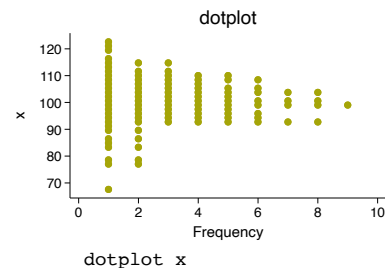
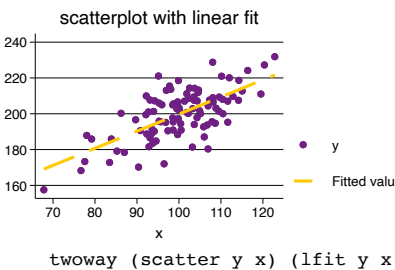
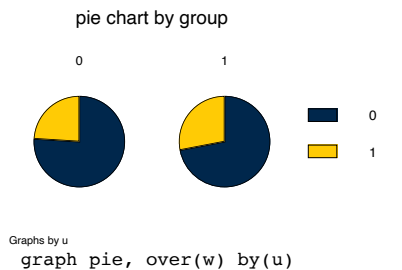
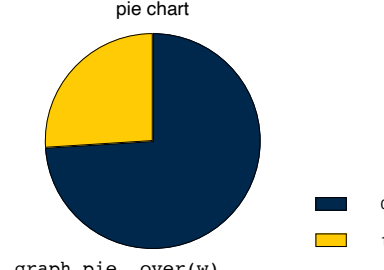
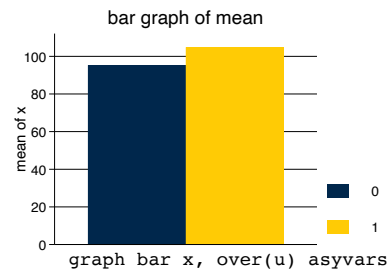
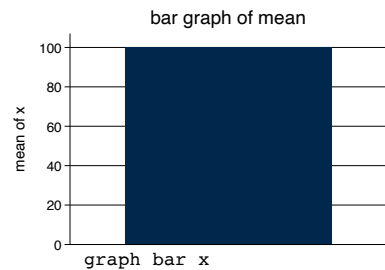
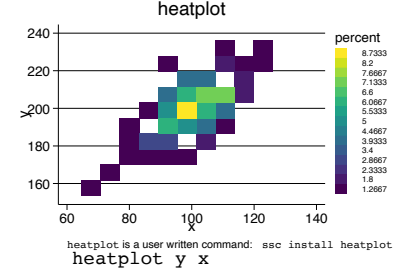
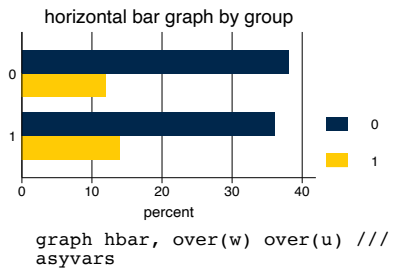
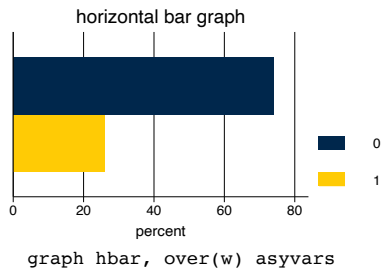
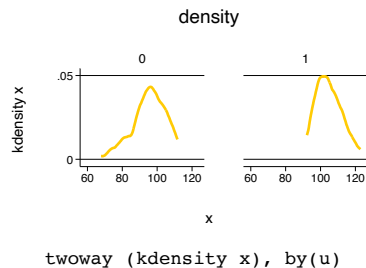
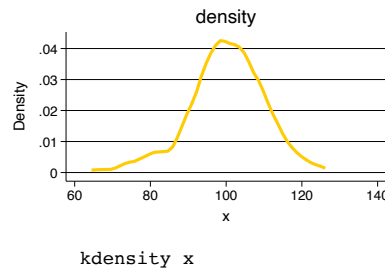
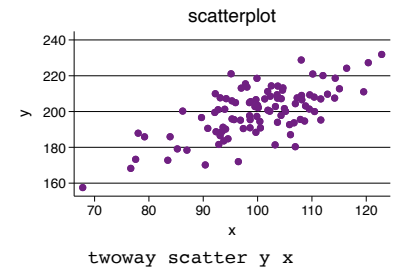
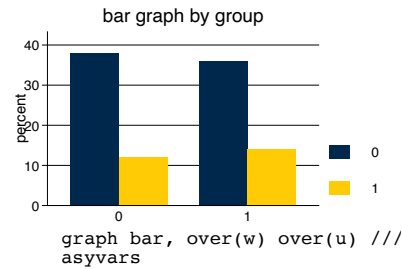
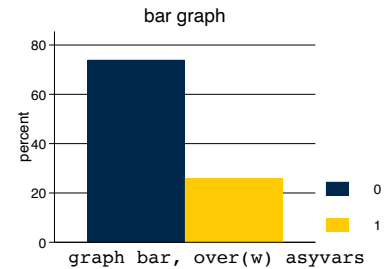
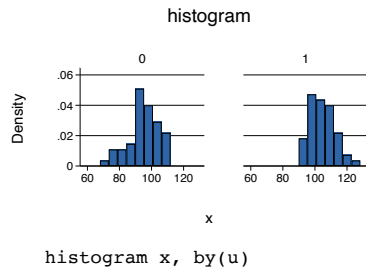
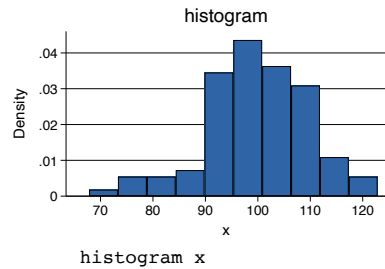
## Continuous

## Continuous by Categorical

## Categorical

## Categorical by Categorical

## Continuous by Continuous



Stata is usually very intuitive. The general idea of most Stata commands is `command variable(s), options`. Often it is not necessary to use any options since the authors of Stata have done such a good job of thinking about the defaults. Stata commands are in monospaced font.

I try to present the simplest version of a command, but this handout occasionally makes use of options like `fcolor()`, `mcolor()` and `lcolor()` to tweak the colors.

I use the michigan graph scheme, linked to below. `set scheme slcolor` would also work well. In the newest version of Stata, try the new default scheme `stcolor`. Option `asyvars` is not strictly necessary, but means that bar graphs will have bars of different colors. `///` represents a line break. On the command line, do not use `///` and type the command on a single line.

3 Apr 2024, <https://agrogan1.github.io/>, [agrogan@umich.edu](mailto:agrogan@umich.edu), <https://agrogan1.github.io/Stata/michigan-graph-scheme/>