

# Basic Stata Commands

## Data use and manipulation

use	Opens a Stata dataset.
save	Saves a Stata dataset.
log open	Opens a “log” file which records results of your analysis.
log close	Closes a “log” file.
<u>summarize</u>	Provides descriptive statistics of your variables.
list	Lists values of variables by observation.
pwcorr	Generates pairwise correlations between variables.
hist	Generates histograms of data.
plot	Plots variables (“graph” commands are more complicated, but can yield much more interesting graphs).
<u>generate</u>	Creates new variables.
sort	Sorts the data by variables.
merge	Merges variables from one data set into another by the corresponding observations.
append	Adds observations from one file into another (assuming they have the same variable list).
collapse	Will generate sums, means, etc over aggregations of observations.

## Regression Commands

<u>regress</u>	Runs a regression analysis.
predict	Generates predicted values and errors for each observation after a regression is run.
test	Provides tests of hypotheses involving estimated coefficients of regression that is run.
rvfplot	Plots residuals versus fitted values after a regression.