

Basic Commands

cd	Change Working Directory	<code>cd "path/location/here"</code>
browse	Open Spreadsheet of Data (browse only)	<code>browse</code>
edit	Open Spreadsheet of Data (browse + edit)	<code>edit</code>
list	Print data to Stata Console	<code>list variable_1 variable_2 variable_3</code>
help	Open Help page for commands	<code>help command_name</code>
in	Selecting by Observation Number	<code>list variable_1 in 1/5</code>
if	Selecting Observation by condition	<code>list var1 if var2<50</code>

Basic Operators

+	Add (Numbers) Combine (Strings)
-	Subtraction
*	Multiplication
/	Divide
^	Raise to a power
&	and Operator
 	or Operator
! or ~	not Operator
=	Assigns a value to a variable
==	Compare whether two thing is equal
!=	Not Equal
<	Less Than
<=	Less than or equal to
>	Greater than
>=	Greater than or equal

Importing and Exporting Data

use	load Stata dataset	<code>use "data/file/location"</code>
sysuse	Open System Data files	<code>"sysuse data_name"</code>
import excel	Import Excel Data, using my sheet1 and first row as variable name	<code>import excel using "path/to/file", sheet("mysheet") firstrow</code>

Importing and Exporting Data (cont)

import delimited	Import tab or comma delimited Data, using my sheet1 and first row as variable.	<code>import delimited using "C:\path\myfile.csv", clear</code>
import spss	Import SPSS Data	<code>import spss "yourSPSSfile.sav"</code>
clear	clear dataset from memory	<code>sysuse auto, clear</code>
save	save Stata dataset	<code>save auto, replace</code>
replace	overwrite an existing file with the same name	<code>save auto, replace</code>

Exploring Data

codebook	inspect variable values	<code>codebook variable1 variable2</code>
summarize	summarize distribution	<code>summarize variable1 variable2</code>
tabulate	tabulate frequencies	<code>tabulate variable1 variable2</code>

Data Visualization

histogram	Creates Histogram	<code>histogram variable1</code>
graph box	Creates Boxplots	<code>graph variable1 variable2</code>
scatter	Creates Scatter plot	<code>scatter variable1 variable2</code>
graph bar	Creates Bar Plot	<code>graph bar (count), over(variable)</code>
twoway	Create multi-layered plots	<code>twoway (scatter var1 var2) (lowess var1 var2)</code>

