STATA_101 Cheat Sheet

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Basic Commands

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

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	*use "data/file/location"*
sysuse	Open System Data files	"sysuse data_name"
import excel	Import Excel Data, using my seet1 and first row as variable name	*import excel using "path/to/file", sheet("mysheet") firstrow*

Importing and Exporting Data (cont)

import delimited	Import tab or comma delimited Data, using my seet1 and first row as variable.	*import delimited using "C:\path\myfile.csv", clear*
import spss	Import SPSS Data	*import spss "yourSPSSfile.sav"*
clear	clear dataset from memory	sysuse auto, clear
save	save Stata dataset	*save auto, replace*
replace	overwrite an existing file with the same name	*save auto, replace*

Exploring Data

codebook	inspect variable values	*codebook variable1 variable2*
summarize	summarize distribution	*summarize variable1 variable2*
tabulate	tabulate frequencies	*tabulate variable1 variable2*

Data Visualization

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

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