

Stata/R Quick Reference Guide

R	STATA
<u>See current directory/Set directory</u> getwd setwd("...")	<u>See current directory/Set directory</u> pwd cd "..."
<u>Import Data</u> myData <- read.table("...")	<u>Import Data</u> import delimited using "..."
<u>Create Variable using Conditionals</u> myData\$dummy <- 0 myData\$dummy[myData\$x>=10] <- 1	<u>Create Variable using Conditionals</u> ge dummy = 0 replace dummy = 1 if x>=10
<u>Summary Statistics, Tabulate, Histogram</u> summarize(myData\$dummy) summarize(myData\$x[myData\$x<10]) table(myData\$dummy) hist(myData\$x)	<u>Summary Statistics, Tabulate, Histogram</u> su dummy su x if x<10 tab dummy hist x
<u>Scatter Plot with Fitted Line</u> plot(x,y) abline(lm(y~x))	<u>Scatter Plot with Fitted Line</u> twoway scatter y x /// twoway lfit y x
<u>Drop Missing Observations</u> myData<-subset(myData,!is.na(myData\$x))	<u>Drop Missing Observations</u> keep if x!=. (or drop if x==.)
<u>Linear Regression</u> lm(y~x1+x2+x3,data=myData)	<u>Linear Regression</u> reg y x1 x2 x3
<u>Make Comments in R Script</u> # My comment goes here	<u>Make Comments in Do-File</u> * My comment goes here
<u>Save Workspace (including data)</u> save.image(file = "...RData")	<u>Save Dataset</u> save "...dta", replace