log using "Lab Notes 6", replace text

\*\*\*First we will learn how to import a csv spreadsheet into stata\*\*\*

\*\*\*Syntax is insheet using "file name.csv"

\*\*\*Make sure it is in csv format, otherwise it won't work\*\*\*

\*\*\*I put a practice CSV file on blackboard to practice\*\*\*

\*\*\*Also make sure the file is in the same folder/directory you are working from\*\*\*

insheet using "Insheet Example.csv"

clear

spex anes\_timeseries\_cdf

tab VCF0104

gen female=.

replace female=1 if VCF0104==2

replace female=0 if VCF0104==1

label var female "Female"

tab VCF0110

recode VCF0110 0=.

rename VCF0110 education

label var education "Education"

tab VCF0213

recode VCF0213 98=.

recode VCF0213 99=.

rename VCF0213 Military\_ft

label var Military\_ft "Feelings About Military"

tab VCF0803

rename VCF0803 ideology

label var ideology "Ideology"

reg Military\_ft ideology education female

listcoef

\*\*\*bStdX-These are the regression coefficients with the x-variables (the///

\*\*\*independent variables) in standard deviations and the y-variable ///

\*\*\*(the dependent variable) in its original units.\*\*\*

\*\*\*bStdY-These are the regression coefficients with the x-variables (the///

\*\*\*independent variables) in original units and the y-variable (the dependent///

\*\*\*variable) in standard deviations.\*\*\*

\*\*\*bStdXY- These are the regression coefficients with both the x-variable ///

\*\*\*the independent variable) and the y-variable (the dependent variable) in ///

\*\*\*\*standard deviations.\*\*\*

\*\*\*Now we will look at the margins command, which will give us predicted///

\*\*\*Values based on variables we specify\*\*\*

\*\*\*We must direct stata as to which variables are categorical, so they are not///

\*\*\*Treated as continuous\*\*\*

\*\*\*We do this by adding a "i." before the variable\*\*\*

reg Military\_ft c.ideology i.female i.education

\*\*\*Then we can use the margins command to give us predicted values by///

\*\*\*categorical value, holding others at their means\*\*\*

margins education, atmeans

reg Military\_ft ideology i.female i.education

\*\*\*Or we can specify values for all variables\*\*\*

margins, at(education=4 female=1 ideology=7)

\*\*\*http://www.ats.ucla.edu/stat/stata/dae/predictive\_margins.htm\*\*\*\*

\*\*\*The above website is a good primer on margins commands, including///

\*\*\*Some we will go into next week\*\*\*\*

\*\*\*Finally, we will be working with test commands for f tests\*\*\*

\*\*\* I am going to add another variable just so we have more\*\*\*

tab VCF0253

recode VCF0253 98=.

recode VCF0253 99=.

rename VCF0253 Feminist\_ft

label var Feminist\_ft "Feelings About Feminists"

\*\*\*First run the unrestricted model- Recall that that is the model///

\*\*\*With all variables\*\*\*\*

reg Military\_ft ideology education female Feminist\_ft

\*\*\*Then type "test var1 var2" to check for joint significance\*\*\*

test female Feminist\_ft

\*\*\*There is a resource on blackboard to help you out\*\*\*