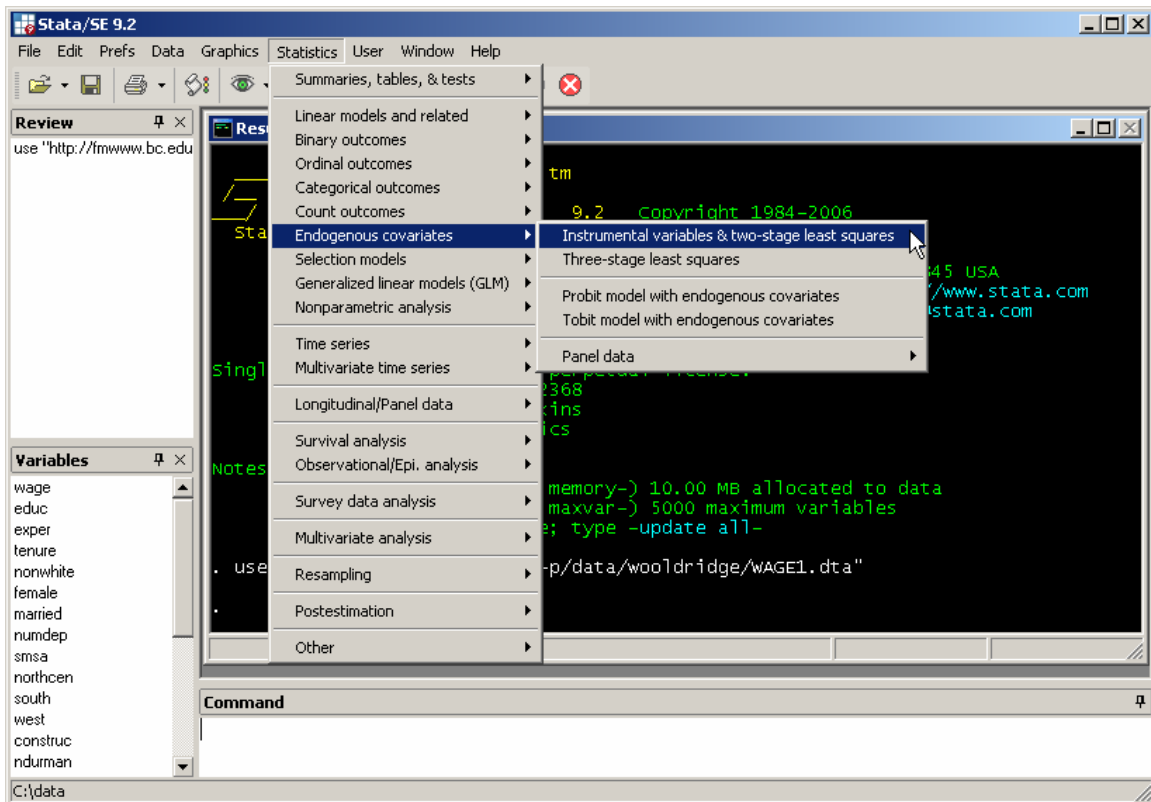


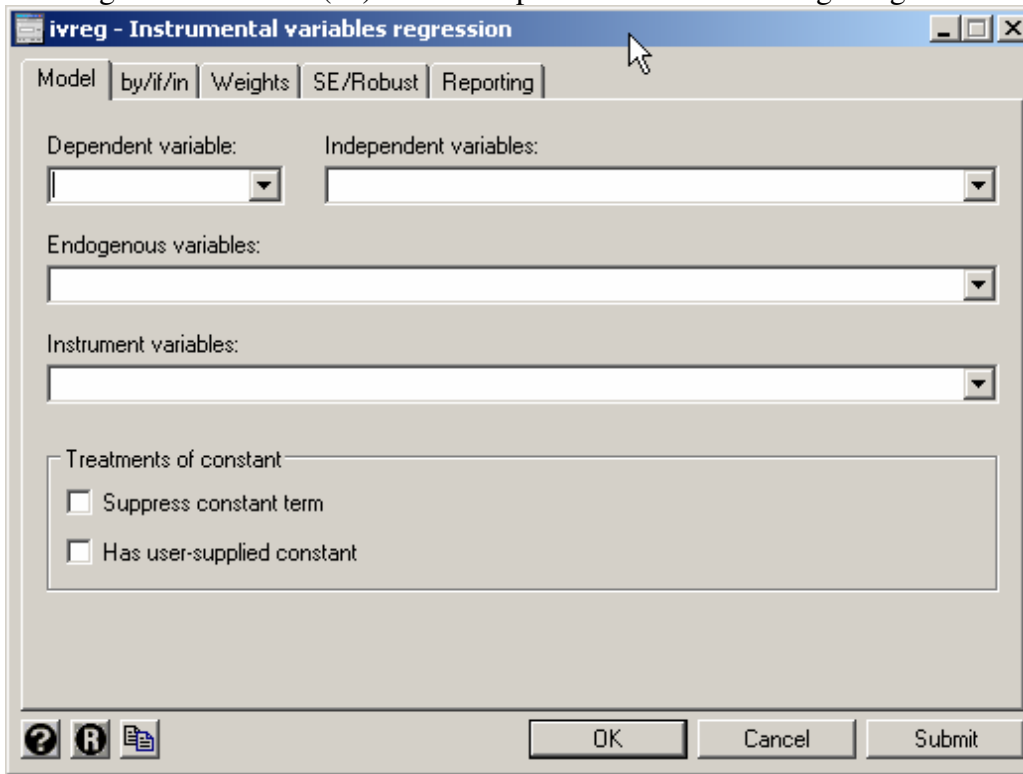
TSLS in Stata



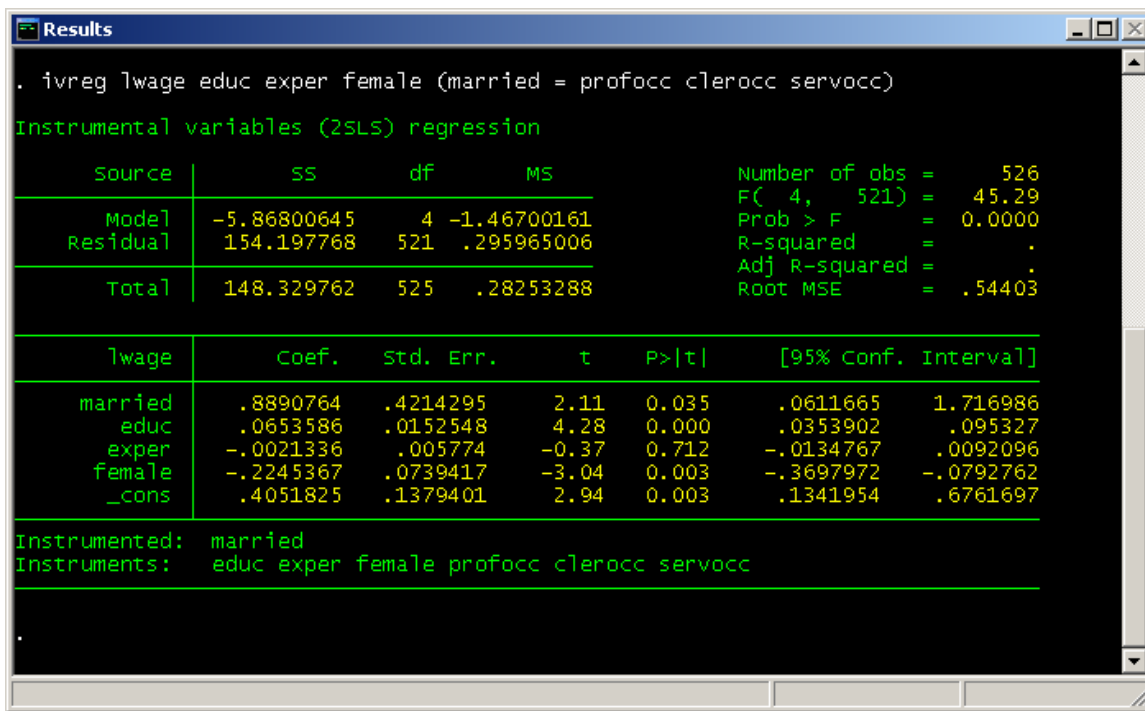
This shows how to locate TSLS from Stata's pulldown menu. Simply select Statistics>Endogenous covariates>Instrumental variables & two-stage least squares.

This brings up a dialog for the ivreg command. Put the dependent variable (y) and independent variables (W) into the blanks on the first line of the dialog box. On the next line, where it asks for Endogenous variables, include the variables that are correlated with your errors (X). Then, on the following line list the instruments (Z). Stata includes all of

the exogenous variables (W) in the computation of the ‘first stage’ regression.



The results appear below:



Notice that right hand side endogenous variable (married) is listed as “Instrumented” and the list of instruments include both W (educ, experience, female) and Z (profocc, clerocc, servocc).

The script for this exercise is:

```
use http://fmwww.bc.edu/ec-p/data/wooldridge/WAGE1.dta  
ivreg lwage educ exper female (married = profocc clerocc servocc)
```

The syntax is

```
ivreg y w2 w3 w4 (x2 = z2 z3 z4)
```