Example of Stata-Generated Tables and Natlib References

Pierre-Carl Michaud
HEC Montreal

July 3, 2019

1 Summary Stats

1.1 Estout package

The stats are produced here in Table 1

	female	male
age	49.02	49.52
	(29.05)	(28.73)
income	31991.15	35049.33
	(93980.1)	(118056.4)
N	5057	4943

Table 1: Descriptive Statistics by Gender

1.2 Brut Force

The descriptive statistics you asked are reproduced in Table 2.

	mean (μ)	sd (σ)	min	max
Age	49.266	28.894	0.000	99.000
Gender	0.494	0.500	0.000	1.000
Household Income	3.4e+04	1.1e+05	24.730	3.3e+06

Table 2: Descriptive Statistics from Estimation Sample

You should know that (**?**) found exactly the same thing. Other studies have found the same thing **?**.

The stata code is reproduced in the appendix (See Listing 1).

2 Regression Tables

	female	male
age	33.12	-155.2**
	(45.50)	(58.41)
_cons	30367.5***	42731.8***
	(2592.6)	(3343.8)
N	5057	4943
adj. R^2	-0.000	0.001

Table 3: Regression Estimates by Gender

References

Lusardi, A., Michaud, P.-C., and Mitchell, O. (2017). Optimal financial knowledge and wealth inequality. *Journal of Political Economy*, 125(2).

Lusardi, A. and Mitchelli, O. (2007). Financial Literacy and Retirement Preparedness: Evidence and Implications for Financial Education. *Business Economics*, 42(1):35–44.

Appendix: Stata Code

```
capture log close
clear all
set more off

cd ~/cedia/emetrics/stata-tables

set obs 10000

gen age = floor(runiform()*100)
gen male = runiform()<0.5
gen income = exp(log(34e3) + log(5)*rnormal() - 0.5*log(5)^2)

global vlist "age male income"
global labnames "Age Gender "Household Income""

* Package estout : net install st0085_2.pkg
eststo fem: estpost summarize age income if male==0
eststo men: estpost summarize age income if male==1
#d ;
esttab fem men using stats.tex,
        replace main(mean %6.2f) aux(sd) mtitle("female" "male") nonumbers nonotes;
#d cr
* table full force...
local i = 1
file open table using "means.tex", write replace text
file write table "\begin{tabular}{lrrrr} " _n
file write table "\hline \hline "
file write table " & mean ($\mu$) & sd ($\sigma$) & min & max \\" _n
foreach var of varlist $vlist {
local lab : word `i' of $labnames
sum `var'
di "`lab'"
#d ;
file write table "`lab'"  " & " %7.3f (r(mean)) " & " %7.3f  (r(sd)) " & "
%7.3f (r(min)) " & " %7.3f (r(max)) " \\"  _n ;
#d cr

local ++i
}
file write table "\hline \hline "
file write table "\end{tabular}" _n
file close table

* regression tables
eststo female: reg income age if male==0
eststo male: reg income age if male==1

esttab female male using reg.tex, se ar2 nonumbers nonotes mtitle("female" "male") replace
```

Listing 1: Contents of test.do