.

. capture noisily svy,subpop(age\_35\_59): cloglog dead `base\_vars', eform nolog

(running cloglog on estimation sample)

Survey: Complementary log-log regression

Number of strata = 339 Number of obs = 3867306

Number of PSUs = 678 Population size = 3126764081

Subpop. no. of obs = 2632391

Subpop. size = 2207963432

Design df = 339

F( 5, 335) = 69.22

Prob > F = 0.0000

---------------------------------------------------------------------------------------

| Linearized

dead | exp(b) Std. Err. t P>|t| [95% Conf. Interval]

----------------------+----------------------------------------------------------------

dur\_cat |

1.75-3.00 Yrs | .9718402 .0642388 -0.43 0.666 .8533529 1.106779

3.25-5.00 Yrs | .9178399 .0627192 -1.25 0.210 .8024038 1.049883

5.25-9.75 Yrs | 1.053362 .0723074 0.76 0.449 .9203185 1.205639

|

sex |

Female | .6058854 .0286656 -10.59 0.000 .5520448 .6649772

|

xspd2 |

Serious Psy Distress | 3.334962 .2585889 15.53 0.000 2.86321 3.88444

|

\_cons | .0010092 .0000522 -133.50 0.000 .0009116 .0011172

---------------------------------------------------------------------------------------

. est store m1

. estout m1, cells("b ci\_l ci\_u p") style(fixed)

unrecognized command: estout

r(199);

end of do-file

r(199);

. do "C:\Users\PRADIP~1.MUH\AppData\Local\Temp\1\STD00000000.tmp"

. est table m1, b(%5.2f) cells(ci(star fmt(%9.2f)) star (.05 .01 .001) stats (N\_sub) stfmt (%11.0gc) eform

) required

r(100);

end of do-file

r(100);

. do "C:\Users\PRADIP~1.MUH\AppData\Local\Temp\1\STD00000000.tmp"

. est table m1, b(%5.2f) cells(ci(star fmt(%9.2f))) star (.05 .01 .001) stats (N\_sub) stfmt (%11.0gc) eform

option cells() not allowed

r(198);

end of do-file

r(198);

. do "C:\Users\PRADIP~1.MUH\AppData\Local\Temp\1\STD00000000.tmp"

.

. est table m1, b(%5.2f) ci(star fmt(%9.2f)) star (.05 .01 .001) stats (N\_sub) stfmt (%11.0gc) eform

option ci() not allowed

r(198);

end of do-file

r(198);

. do "E:\Stata\_mortality\adjusted\_cloglog\_models\_age\_60\_74.do"

.

. capture log close age60\_74

. //clolog\_attained\_age\_duration.do

. clear

. clear matrix

. set mem 1100m

set memory ignored.

Memory no longer needs to be set in modern Statas; memory adjustments are performed on the fly automatically.

. set more off

. set linesize 255

. use "E:\SASDATAMH\expand\_short\_data.dta"

. log using "E:\Stata\_mortality\age60\_74.log", name (age60\_74) replace

(note: file E:\Stata\_mortality\age60\_74.log not found)

name: age60\_74

log: E:\Stata\_mortality\age60\_74.log

log type: text

opened on: 21 May 2014, 10:31:50

.

. gen aa\_age\_grp=. if a\_age >= 18 & a\_age <=34

(5485946 missing values generated)

. replace aa\_age\_grp=1 if a\_age >=35 & a\_age <=59

(2632391 real changes made)

. replace aa\_age\_grp=2 if a\_age >=60 & a\_age <=74

(844049 real changes made)

. replace aa\_age\_grp=3 if a\_age >=75 & a\_age <=84

(390866 real changes made)

. replace aa\_age\_grp=. if a\_age >=85

(0 real changes made)

. label define aa\_age\_grp\_v 1 "35-59 Yrs" 2 "60-74 Yrs" 3 "75-84 Yrs"

. label values aa\_age\_grp aa\_age\_grp\_v

.

.

.

. generate chronic1p = xchronic

(36714 missing values generated)

. recode chronic1p (2/3=1) (1=2)

(chronic1p: 5449232 changes made)

.

. label define chronic1p\_lab 1 " 1+ Condition" 2 "None"

. label values chronic1p chronic1p\_lab

. //tab1 xchronic chronic1p

.

. gen age\_35\_59= aa\_age==1 if !missing(aa\_age\_grp)

(1618640 missing values generated)

. gen age\_60\_74= aa\_age==2 if !missing(aa\_age\_grp)

(1618640 missing values generated)

. gen age\_75\_84= aa\_age==3 if !missing(aa\_age\_grp)

(1618640 missing values generated)

.

. gen mage\_35\_59= aa\_age==1 & sex==1 if !missing(aa\_age\_grp)

(1618640 missing values generated)

. gen mage\_60\_74= aa\_age==2 & sex==1 if !missing(aa\_age\_grp)

(1618640 missing values generated)

. gen mage\_75\_84= aa\_age==3 & sex==1 if !missing(aa\_age\_grp)

(1618640 missing values generated)

.

. gen fage\_35\_59= aa\_age==1 & sex==2 if !missing(aa\_age\_grp)

(1618640 missing values generated)

. gen fage\_60\_74= aa\_age==2 & sex==2 if !missing(aa\_age\_grp)

(1618640 missing values generated)

. gen fage\_75\_84= aa\_age==3 & sex==2 if !missing(aa\_age\_grp)

(1618640 missing values generated)

.

. //table aa\_age xspd2, by(xsmoke dead) contents(freq)

. //table aa\_age xspd2, by(chronic1p dead) contents(freq)

.

.

. fvset base 2 xspd2 chronic1p racehisp bmicat

. fvset base 3 xsmoke

.

. local base\_vars i.dur\_cat i.sex i.xspd2

. local base\_smk i.dur\_cat i.sex i.xspd2 i.xsmoke

. local base\_dis i.dur\_cat i.sex i.xspd2 i.chronic1p

. local base\_s\_d i.dur\_cat i.sex i.xspd2 i.xsmoke i.chronic1p

. local base\_s\_d\_s i.dur\_cat i.sex i.xspd2 i.xsmoke i.chronic1p i.marital i.educ\_cat i.racehisp

.

. svyset psu [pweight=wt8], strata (stratum) singleunit(missing)

pweight: wt8

VCE: linearized

Single unit: missing

Strata 1: stratum

SU 1: psu

FPC 1: <zero>

.

.

. capture noisily svy,subpop(age\_60\_74): cloglog dead `base\_vars', eform nolog

(running cloglog on estimation sample)

Survey: Complementary log-log regression

Number of strata = 339 Number of obs = 3867306

Number of PSUs = 678 Population size = 3126764081

Subpop. no. of obs = 844049

Subpop. size = 651292228

Design df = 339

F( 5, 335) = 64.71

Prob > F = 0.0000

---------------------------------------------------------------------------------------

| Linearized

dead | exp(b) Std. Err. t P>|t| [95% Conf. Interval]

----------------------+----------------------------------------------------------------

dur\_cat |

1.75-3.00 Yrs | .9904084 .0531998 -0.18 0.858 .8911036 1.10078

3.25-5.00 Yrs | 1.011766 .0528427 0.22 0.823 .9129859 1.121233

5.25-9.75 Yrs | .9666585 .0536707 -0.61 0.542 .8666493 1.078208

|

sex |

Female | .5974099 .0224265 -13.72 0.000 .5548865 .643192

|

xspd2 |

Serious Psy Distress | 2.361186 .1839605 11.03 0.000 2.025701 2.752233

|

\_cons | .0054211 .0002177 -129.93 0.000 .0050094 .0058667

---------------------------------------------------------------------------------------

. est store m1

.

. capture noisily svy,subpop(age\_60\_74): cloglog dead `base\_smk', eform nolog

(running cloglog on estimation sample)

Survey: Complementary log-log regression

Number of strata = 339 Number of obs = 3864207

Number of PSUs = 678 Population size = 3124354296

Subpop. no. of obs = 840950

Subpop. size = 648882443.1

Design df = 339

F( 7, 333) = 123.72

Prob > F = 0.0000

---------------------------------------------------------------------------------------

| Linearized

dead | exp(b) Std. Err. t P>|t| [95% Conf. Interval]

----------------------+----------------------------------------------------------------

dur\_cat |

1.75-3.00 Yrs | .9894268 .053543 -0.20 0.844 .88952 1.100555

3.25-5.00 Yrs | .9954637 .0522202 -0.09 0.931 .8978689 1.103667

5.25-9.75 Yrs | .9361082 .0519459 -1.19 0.235 .8393101 1.04407

|

sex |

Female | .6587605 .0254103 -10.82 0.000 .6106278 .7106872

|

xspd2 |

Serious Psy Distress | 2.100907 .1645842 9.48 0.000 1.800882 2.450917

|

xsmoke |

Current Smoker | 2.809647 .136451 21.27 0.000 2.55367 3.091282

Former Smoker | 1.55564 .0748039 9.19 0.000 1.415246 1.709961

|

\_cons | .0034168 .000186 -104.33 0.000 .0030699 .003803

---------------------------------------------------------------------------------------

. est store m2

.

. capture noisily svy,subpop(age\_60\_74): cloglog dead `base\_dis', eform nolog

(running cloglog on estimation sample)

Survey: Complementary log-log regression

Number of strata = 339 Number of obs = 3857945

Number of PSUs = 678 Population size = 3120023516

Subpop. no. of obs = 834688

Subpop. size = 644551663.2

Design df = 339

F( 6, 334) = 118.73

Prob > F = 0.0000

---------------------------------------------------------------------------------------

| Linearized

dead | exp(b) Std. Err. t P>|t| [95% Conf. Interval]

----------------------+----------------------------------------------------------------

dur\_cat |

1.75-3.00 Yrs | 1.011205 .0559717 0.20 0.841 .9068909 1.127517

3.25-5.00 Yrs | 1.060058 .0570517 1.08 0.279 .9535735 1.178433

5.25-9.75 Yrs | 1.049283 .0595171 0.85 0.397 .9385085 1.173133

|

sex |

Female | .6002687 .0230915 -13.27 0.000 .5565239 .6474521

|

xspd2 |

Serious Psy Distress | 2.033347 .1586319 9.10 0.000 1.744082 2.370588

|

chronic1p |

1+ Condition | 2.402481 .1131692 18.61 0.000 2.18988 2.635722

|

\_cons | .0027577 .0001632 -99.60 0.000 .0024547 .0030981

---------------------------------------------------------------------------------------

. est store m3

.

. capture noisily svy,subpop(age\_60\_74): cloglog dead `base\_s\_d', eform nolog

(running cloglog on estimation sample)

Survey: Complementary log-log regression

Number of strata = 339 Number of obs = 3854931

Number of PSUs = 678 Population size = 3117660937

Subpop. no. of obs = 831674

Subpop. size = 642189083.8

Design df = 339

F( 8, 332) = 161.28

Prob > F = 0.0000

---------------------------------------------------------------------------------------

| Linearized

dead | exp(b) Std. Err. t P>|t| [95% Conf. Interval]

----------------------+----------------------------------------------------------------

dur\_cat |

1.75-3.00 Yrs | 1.009786 .056304 0.17 0.861 .9048945 1.126837

3.25-5.00 Yrs | 1.042063 .0563496 0.76 0.447 .9369151 1.159011

5.25-9.75 Yrs | 1.016033 .057598 0.28 0.779 .9088268 1.135886

|

sex |

Female | .6531774 .0256516 -10.85 0.000 .6046206 .7056338

|

xspd2 |

Serious Psy Distress | 1.79836 .1415316 7.46 0.000 1.540447 2.099454

|

xsmoke |

Current Smoker | 2.767144 .136712 20.60 0.000 2.510887 3.049555

Former Smoker | 1.445953 .0704146 7.57 0.000 1.313876 1.591309

|

chronic1p |

1+ Condition | 2.409898 .1138441 18.62 0.000 2.196058 2.644562

|

\_cons | .0018054 .0001233 -92.47 0.000 .0015784 .0020651

---------------------------------------------------------------------------------------

. est store m4

.

. capture noisily svy,subpop(age\_60\_74): cloglog dead `base\_s\_d\_s', eform nolog

(running cloglog on estimation sample)

Survey: Complementary log-log regression

Number of strata = 339 Number of obs = 3849256

Number of PSUs = 678 Population size = 3113388883

Subpop. no. of obs = 825999

Subpop. size = 637917029.6

Design df = 339

F( 16, 324) = 108.38

Prob > F = 0.0000

---------------------------------------------------------------------------------------

| Linearized

dead | exp(b) Std. Err. t P>|t| [95% Conf. Interval]

----------------------+----------------------------------------------------------------

dur\_cat |

1.75-3.00 Yrs | 1.020183 .0568388 0.36 0.720 .91429 1.13834

3.25-5.00 Yrs | 1.074925 .0583113 1.33 0.184 .9661347 1.195965

5.25-9.75 Yrs | 1.066469 .0607778 1.13 0.260 .9533766 1.192976

|

sex |

Female | .5605441 .0217227 -14.94 0.000 .5194038 .604943

|

xspd2 |

Serious Psy Distress | 1.573877 .1268091 5.63 0.000 1.343206 1.844161

|

xsmoke |

Current Smoker | 2.44341 .1222957 17.85 0.000 2.214318 2.696203

Former Smoker | 1.426643 .0715226 7.09 0.000 1.292673 1.574497

|

chronic1p |

1+ Condition | 2.29917 .108522 17.64 0.000 2.095318 2.522854

|

marital |

Div/Sep | 1.403546 .0669871 7.10 0.000 1.27778 1.541692

Widow | 1.695474 .0849216 10.54 0.000 1.536399 1.871019

Never Married | 1.568184 .1189139 5.93 0.000 1.35089 1.82043

|

educ\_cat |

High Scool Grad. | .7880211 .030142 -6.23 0.000 .7309078 .8495974

College Grad/Higher | .5323133 .0324573 -10.34 0.000 .47215 .6001427

|

racehisp |

Hispanic | .8649668 .0632857 -1.98 0.048 .7490274 .9988521

NH Black | 1.20997 .0656703 3.51 0.001 1.087454 1.34629

NH Other | .7792461 .1025789 -1.89 0.059 .6014814 1.009548

|

\_cons | .0022393 .0001747 -78.19 0.000 .0019207 .0026108

---------------------------------------------------------------------------------------

. est store m5

.

. est table m1 m2 m3 m4 m5, b(%5.2f) star (.05 .01 .001) stats (N\_sub) stfmt (%11.0gc) eform

---------------------------------------------------------------------------------------------------

Variable | m1 m2 m3 m4 m5

-------------+-------------------------------------------------------------------------------------

dur\_cat |

1.75-3.00.. | 0.99 0.99 1.01 1.01 1.02

3.25-5.00.. | 1.01 1.00 1.06 1.04 1.07

5.25-9.75.. | 0.97 0.94 1.05 1.02 1.07

|

sex |

Female | 0.60\*\*\* 0.66\*\*\* 0.60\*\*\* 0.65\*\*\* 0.56\*\*\*

|

xspd2 |

Serious P.. | 2.36\*\*\* 2.10\*\*\* 2.03\*\*\* 1.80\*\*\* 1.57\*\*\*

|

xsmoke |

Current S.. | 2.81\*\*\* 2.77\*\*\* 2.44\*\*\*

Former Sm.. | 1.56\*\*\* 1.45\*\*\* 1.43\*\*\*

|

chronic1p |

1+ Condi.. | 2.40\*\*\* 2.41\*\*\* 2.30\*\*\*

|

marital |

Div/Sep | 1.40\*\*\*

Widow | 1.70\*\*\*

Never Mar.. | 1.57\*\*\*

|

educ\_cat |

High Scoo.. | 0.79\*\*\*

College G.. | 0.53\*\*\*

|

racehisp |

Hispanic | 0.86\*

|

racehisp |

NH Black | 1.21\*\*\*

NH Other | 0.78

|

\_cons | 0.01\*\*\* 0.00\*\*\* 0.00\*\*\* 0.00\*\*\* 0.00\*\*\*

-------------+-------------------------------------------------------------------------------------

N\_sub | 844,049 840,950 834,688 831,674 825,999

---------------------------------------------------------------------------------------------------

legend: \* p<.05; \*\* p<.01; \*\*\* p<.001

.

.

. log close age60\_74

name: age60\_74

log: E:\Stata\_mortality\age60\_74.log

log type: text

closed on: 21 May 2014, 10:44:18