. capture noisily svy,subpop(age\_35\_59): cloglog dead ///

> i.dur\_cat female spd curr\_smk form\_smk spd##curr\_smk, eform nolog

(running cloglog on estimation sample)

Survey: Complementary log-log regression

Number of strata = 339 Number of obs = 3856992

Number of PSUs = 678 Population size = 3118483439

Subpop. no. of obs = 2622077

Subpop. size = 2199682789

Design df = 339

F( 8, 332) = 67.04

Prob > F = 0.0000

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

| Linearized

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

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

dur\_cat |

1.75-3.00 Yrs | .9656021 .0638182 -0.53 0.597 .8478897 1.099657

3.25-5.00 Yrs | .9129669 .0622365 -1.34 0.183 .7984011 1.043972

5.25-9.75 Yrs | 1.05443 .0724336 0.77 0.441 .9211606 1.20698

|

female | .6469384 .0304264 -9.26 0.000 .5897749 .7096425

spd | 3.179908 .4061727 9.06 0.000 2.473433 4.08817

curr\_smk | 2.475051 .1453299 15.43 0.000 2.205079 2.778075

form\_smk | 1.613025 .1115618 6.91 0.000 1.407856 1.848093

1.spd | 1 (omitted)

1.curr\_smk | 1 (omitted)

|

spd#curr\_smk |

1 1 | .7917396 .12913 -1.43 0.153 .5744562 1.091209

|

\_cons | .0006468 .0000383 -124.16 0.000 .0005758 .0007266

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

. est store xm1

.

. capture noisily svy,subpop(age\_35\_59): cloglog dead ///

> i.dur\_cat female spd curr\_smk form\_smk spd##sex, eform nolog

(running cloglog on estimation sample)

Survey: Complementary log-log regression

Number of strata = 339 Number of obs = 3856992

Number of PSUs = 678 Population size = 3118483439

Subpop. no. of obs = 2622077

Subpop. size = 2199682789

Design df = 339

F( 8, 332) = 71.49

Prob > F = 0.0000

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

| Linearized

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

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

dur\_cat |

1.75-3.00 Yrs | .9656688 .0638273 -0.53 0.597 .8479402 1.099743

3.25-5.00 Yrs | .9131037 .0622764 -1.33 0.183 .7984682 1.044197

5.25-9.75 Yrs | 1.054823 .0724582 0.78 0.438 .9215085 1.207425

|

female | .6592754 .0328903 -8.35 0.000 .5976535 .7272509

spd | 3.019408 .3456005 9.65 0.000 2.410707 3.781805

curr\_smk | 2.426105 .1397121 15.39 0.000 2.166286 2.717086

form\_smk | 1.616445 .1116122 6.96 0.000 1.411161 1.851592

1.spd | 1 (omitted)

|

sex |

Female | 1 (omitted)

|

spd#sex |

1#Female | .8260244 .1180599 -1.34 0.182 .6235892 1.094176

|

\_cons | .0006472 .0000383 -123.93 0.000 .000576 .0007272

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

. est store xm2

.

end of do-file

.

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

.

. capture noisily svy,subpop(age\_60\_74): cloglog dead ///

> i.dur\_cat female spd curr\_smk form\_smk spd##curr\_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( 8, 332) = 107.46

Prob > F = 0.0000

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

| Linearized

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

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

dur\_cat |

1.75-3.00 Yrs | .9894106 .0535474 -0.20 0.844 .8894961 1.100548

3.25-5.00 Yrs | .9954317 .0522138 -0.09 0.930 .8978485 1.103621

5.25-9.75 Yrs | .9362188 .0519723 -1.19 0.236 .8393737 1.044238

|

female | .6587246 .0254171 -10.82 0.000 .6105797 .7106659

spd | 2.165548 .2345657 7.13 0.000 1.749999 2.679772

curr\_smk | 2.821933 .1382499 21.18 0.000 2.562689 3.107403

form\_smk | 1.555483 .074855 9.18 0.000 1.414998 1.709915

1.spd | 1 (omitted)

1.curr\_smk | 1 (omitted)

|

spd#curr\_smk |

1 1 | .9359677 .1499914 -0.41 0.680 .682912 1.282794

|

\_cons | .0034122 .0001855 -104.49 0.000 .0030662 .0037973

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

. est store xm60\_74\_1

.

. capture noisily svy,subpop(age\_60\_74): cloglog dead ///

> i.dur\_cat female spd curr\_smk form\_smk spd##sex, 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( 8, 332) = 110.30

Prob > F = 0.0000

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

| Linearized

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

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

dur\_cat |

1.75-3.00 Yrs | .9897928 .0535638 -0.19 0.850 .8898473 1.100964

3.25-5.00 Yrs | .9957205 .0522424 -0.08 0.935 .8980852 1.10397

5.25-9.75 Yrs | .9361958 .051944 -1.19 0.236 .8394006 1.044153

|

female | .6691623 .0268869 -10.00 0.000 .618312 .7241945

spd | 2.370656 .2564814 7.98 0.000 1.916227 2.932851

curr\_smk | 2.811716 .1365815 21.28 0.000 2.555497 3.093623

form\_smk | 1.557983 .074764 9.24 0.000 1.41765 1.712207

1.spd | 1 (omitted)

|

sex |

Female | 1 (omitted)

|

spd#sex |

1#Female | .7751587 .1350926 -1.46 0.145 .5501916 1.092112

|

\_cons | .0033915 .0001858 -103.78 0.000 .003045 .0037775

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

. est store xm60\_74\_2

.

. capture noisily svy,subpop(age\_75\_84): cloglog dead ///

> i.dur\_cat female spd curr\_smk form\_smk spd##curr\_smk, eform nolog

(running cloglog on estimation sample)

Survey: Complementary log-log regression

Number of strata = 339 Number of obs = 3865732

Number of PSUs = 678 Population size = 3125638245

Subpop. no. of obs = 389292

Subpop. size = 266382585.1

Design df = 339

F( 8, 332) = 69.34

Prob > F = 0.0000

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

| Linearized

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

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

dur\_cat |

1.75-3.00 Yrs | 1.108205 .0527386 2.16 0.032 1.009176 1.216951

3.25-5.00 Yrs | 1.110756 .0530922 2.20 0.029 1.011084 1.220255

5.25-9.75 Yrs | 1.125224 .0538817 2.46 0.014 1.024078 1.236361

|

female | .7553652 .0268219 -7.90 0.000 .7044071 .8100097

spd | 2.238323 .1758131 10.26 0.000 1.917891 2.61229

curr\_smk | 2.431189 .1207991 17.88 0.000 2.204821 2.680799

form\_smk | 1.492189 .0550799 10.84 0.000 1.387688 1.604561

1.spd | 1 (omitted)

1.curr\_smk | 1 (omitted)

|

spd#curr\_smk |

1 1 | .5315297 .1118296 -3.00 0.003 .3513984 .8039985

|

\_cons | .0097362 .000478 -94.35 0.000 .00884 .0107232

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

. est store xm75\_84\_1

.

. capture noisily svy,subpop(age\_75\_84): cloglog dead ///

> i.dur\_cat female spd curr\_smk form\_smk spd##sex, eform nolog

(running cloglog on estimation sample)

Survey: Complementary log-log regression

Number of strata = 339 Number of obs = 3865732

Number of PSUs = 678 Population size = 3125638245

Subpop. no. of obs = 389292

Subpop. size = 266382585.1

Design df = 339

F( 8, 332) = 69.97

Prob > F = 0.0000

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

| Linearized

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

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

dur\_cat |

1.75-3.00 Yrs | 1.108283 .0527179 2.16 0.031 1.009291 1.216985

3.25-5.00 Yrs | 1.109882 .0530015 2.18 0.030 1.010375 1.219189

5.25-9.75 Yrs | 1.124331 .0537866 2.45 0.015 1.023358 1.235266

|

female | .7615397 .0276712 -7.50 0.000 .7090104 .8179609

spd | 2.26975 .2625675 7.09 0.000 1.807828 2.849698

curr\_smk | 2.359357 .1154341 17.54 0.000 2.142883 2.597699

form\_smk | 1.491593 .0549711 10.85 0.000 1.387292 1.603736

1.spd | 1 (omitted)

|

sex |

Female | 1 (omitted)

|

spd#sex |

1#Female | .8028524 .1198201 -1.47 0.142 .598611 1.07678

|

\_cons | .0097464 .0004795 -94.12 0.000 .0088474 .0107368

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

. est store xm75\_84\_2

.

end of do-file