.

. 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)

.

. //capture noisily svy,subpop(age\_35\_59): cloglog dead ib2.xspd2 ,eform nolog

.

. foreach spop of varlist age\_35\_59 age\_60\_74 age\_75\_84 {

2. foreach indvar of varlist xspd2 xsmoke chronic1p sex marital racehisp educ\_cat dur\_cat {

3. capture noisily svy,subpop(`spop'): cloglog dead i.`indvar', eform nolog

4. margins `indvar'

5. margins `indvar', atmeans

6. margins, dydx(`indvar')

7. }

8. }

(running cloglog on estimation sample)

**Ages 35 to 59**

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( 1, 339) = 218.78

Prob > F = 0.0000

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

| Linearized

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

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

xspd2 |

Serious Psy Distress | 3.118885 .2398513 14.79 0.000 2.68105 3.628221

\_cons | .0007964 .000021 -270.92 0.000 .0007562 .0008387

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

xspd2 |

Serious Psy Distress | .0024808 .0001692 14.67 0.000 .0021492 .0028123

No SPD | .0007961 .000021 37.98 0.000 .000755 .0008372

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

xspd2 |

Serious Psy Distress | .0024808 .0001692 14.67 0.000 .0021492 .0028123

No SPD | .0007961 .000021 37.98 0.000 .000755 .0008372

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

Conditional marginal effects Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 1.xspd2

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

xspd2 |

Serious Psy Distress | .0016847 .0001737 9.70 0.000 .0013443 .0020251

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

Note: dy/dx for factor levels is the discrete change from the base level.

(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( 2, 338) = 151.72

Prob > F = 0.0000

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

| Linearized

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

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

xsmoke |

Current Smoker | 2.677438 .1519321 17.36 0.000 2.394664 2.993603

Former Smoker | 1.698547 .1177652 7.64 0.000 1.482006 1.946728

|

\_cons | .0005341 .0000231 -174.37 0.000 .0004906 .0005815

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

Adjusted predictions Number of obs = 3852319

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

xsmoke |

Current Smoker | .001429 .0000524 27.25 0.000 .0013262 .0015318

Former Smoker | .0009068 .0000456 19.88 0.000 .0008174 .0009962

Never Smoker | .000534 .0000231 23.15 0.000 .0004887 .0005792

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

Adjusted predictions Number of obs = 3852319

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

xsmoke |

Current Smoker | .001429 .0000524 27.25 0.000 .0013262 .0015318

Former Smoker | .0009068 .0000456 19.88 0.000 .0008174 .0009962

Never Smoker | .000534 .0000231 23.15 0.000 .0004887 .0005792

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

Conditional marginal effects Number of obs = 3852319

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 1.xsmoke 2.xsmoke

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

xsmoke |

Current Smoker | .000895 .0000573 15.61 0.000 .0007827 .0010074

Former Smoker | .0003728 .000053 7.03 0.000 .0002689 .0004767

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

Note: dy/dx for factor levels is the discrete change from the base level.

(running cloglog on estimation sample)

Survey: Complementary log-log regression

Number of strata = 339 Number of obs = 3854263

Number of PSUs = 678 Population size = 3116412104

Subpop. no. of obs = 2619348

Subpop. size = 2197611455

Design df = 339

F( 1, 339) = 620.30

Prob > F = 0.0000

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

| Linearized

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

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

chronic1p |

1+ Condition | 3.223001 .151447 24.91 0.000 2.938459 3.535096

\_cons | .0004855 .0000179 -207.50 0.000 .0004516 .0005219

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

Adjusted predictions Number of obs = 3838055

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

chronic1p |

1+ Condition | .0015634 .0000476 32.84 0.000 .0014701 .0016567

None | .0004853 .0000178 27.20 0.000 .0004504 .0005203

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

Adjusted predictions Number of obs = 3838055

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

chronic1p |

1+ Condition | .0015634 .0000476 32.84 0.000 .0014701 .0016567

None | .0004853 .0000178 27.20 0.000 .0004504 .0005203

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

Conditional marginal effects Number of obs = 3838055

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 1.chronic1p

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

chronic1p |

1+ Condition | .0010781 .0000503 21.44 0.000 .0009795 .0011766

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

Note: dy/dx for factor levels is the discrete change from the base level.

(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( 1, 339) = 95.39

Prob > F = 0.0000

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

| Linearized

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

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

sex |

Female | .6281223 .0299066 -9.77 0.000 .5719671 .6897908

\_cons | .0010529 .0000321 -224.57 0.000 .0009915 .0011181

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

sex |

Male | .0010524 .0000321 32.77 0.000 .0009894 .0011153

Female | .0006611 .0000246 26.88 0.000 .0006129 .0007093

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

at : 1.sex = .4763106 (mean)

2.sex = .5236894 (mean)

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

sex |

Male | .0010524 .0000321 32.77 0.000 .0009894 .0011153

Female | .0006611 .0000246 26.88 0.000 .0006129 .0007093

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

Conditional marginal effects Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 2.sex

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

sex |

Female | -.0003912 .00004 -9.78 0.000 -.0004697 -.0003128

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

Note: dy/dx for factor levels is the discrete change from the base level.

(running cloglog on estimation sample)

Survey: Complementary log-log regression

Number of strata = 339 Number of obs = 3860515

Number of PSUs = 678 Population size = 3122955666

Subpop. no. of obs = 2625600

Subpop. size = 2204155016

Design df = 339

F( 3, 337) = 98.56

Prob > F = 0.0000

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

| Linearized

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

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

marital |

Div/Sep | 2.192083 .1125585 15.29 0.000 1.981495 2.425051

Widow | 2.908096 .3856933 8.05 0.000 2.240328 3.774904

Never Married | 1.99746 .1161653 11.90 0.000 1.781549 2.239538

|

\_cons | .0006579 .0000212 -227.15 0.000 .0006175 .000701

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

Adjusted predictions Number of obs = 3858474

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

marital |

Married | .0006577 .0000212 31.01 0.000 .0006161 .0006993

Div/Sep | .0014412 .0000604 23.88 0.000 .0013229 .0015595

Widow | .0019115 .0002417 7.91 0.000 .0014377 .0023853

Never Married | .0013133 .0000657 19.99 0.000 .0011845 .0014421

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

Adjusted predictions Number of obs = 3858474

Model VCE : Linearized

Expression : Pr(dead), predict()

at : 1.marital = .7238098 (mean)

2.marital = .1287408 (mean)

3.marital = .0632217 (mean)

4.marital = .0842277 (mean)

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

marital |

Married | .0006577 .0000212 31.01 0.000 .0006161 .0006993

Div/Sep | .0014412 .0000604 23.88 0.000 .0013229 .0015595

Widow | .0019115 .0002417 7.91 0.000 .0014377 .0023853

Never Married | .0013133 .0000657 19.99 0.000 .0011845 .0014421

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

Conditional marginal effects Number of obs = 3858474

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 2.marital 3.marital 4.marital

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

marital |

Div/Sep | .0007835 .0000628 12.48 0.000 .0006604 .0009065

Widow | .0012538 .000244 5.14 0.000 .0007755 .001732

Never Married | .0006556 .000068 9.64 0.000 .0005223 .0007889

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

Note: dy/dx for factor levels is the discrete change from the base level.

(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( 3, 337) = 53.80

Prob > F = 0.0000

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

| Linearized

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

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

racehisp |

Hispanic | .9755821 .0727097 -0.33 0.740 .8425522 1.129616

NH Black | 1.893595 .1083495 11.16 0.000 1.692029 2.119173

NH Other | .5736397 .0943767 -3.38 0.001 .4150453 .7928351

|

\_cons | .0007882 .0000221 -254.67 0.000 .0007459 .0008329

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

racehisp |

Hispanic | .0007687 .0000516 14.91 0.000 .0006676 .0008697

NH White | .0007879 .0000221 35.65 0.000 .0007446 .0008312

NH Black | .0014914 .0000757 19.71 0.000 .0013431 .0016397

NH Other | .000452 .0000744 6.07 0.000 .0003061 .0005979

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

at : 3.racehisp = .10542 (mean)

4.racehisp = .0363612 (mean)

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

racehisp |

Hispanic | .0007687 .0000516 14.91 0.000 .0006676 .0008697

NH White | .0007879 .0000221 35.65 0.000 .0007446 .0008312

NH Black | .0014914 .0000757 19.71 0.000 .0013431 .0016397

NH Other | .000452 .0000744 6.07 0.000 .0003061 .0005979

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

Conditional marginal effects Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 1.racehisp 3.racehisp 4.racehisp

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

racehisp |

Hispanic | -.0000192 .0000575 -0.33 0.738 -.0001319 .0000935

NH Black | .0007035 .0000781 9.00 0.000 .0005504 .0008567

NH Other | -.0003358 .0000757 -4.44 0.000 -.0004842 -.0001875

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

Note: dy/dx for factor levels is the discrete change from the base level.

(running cloglog on estimation sample)

Survey: Complementary log-log regression

Number of strata = 339 Number of obs = 3855714

Number of PSUs = 678 Population size = 3116848464

Subpop. no. of obs = 2620799

Subpop. size = 2198047814

Design df = 339

F( 2, 338) = 156.58

Prob > F = 0.0000

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

| Linearized

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

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

educ\_cat |

High Scool Grad. | .541598 .0261833 -12.68 0.000 .4924688 .5956284

College Grad/Higher | .2953302 .0218061 -16.52 0.000 .2554071 .3414938

|

\_cons | .0016047 .0000679 -152.11 0.000 .0014766 .001744

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

Adjusted predictions Number of obs = 3848135

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

educ\_cat |

Below Hi Sch | .0016034 .0000678 23.66 0.000 .0014706 .0017363

High Scool Grad. | .0008687 .0000261 33.24 0.000 .0008175 .00092

College Grad/Higher | .0004738 .0000289 16.42 0.000 .0004172 .0005304

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

Adjusted predictions Number of obs = 3848135

Model VCE : Linearized

Expression : Pr(dead), predict()

at : 1.educ\_cat = .1648121 (mean)

2.educ\_cat = .5786756 (mean)

3.educ\_cat = .2565122 (mean)

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

educ\_cat |

Below Hi Sch | .0016034 .0000678 23.66 0.000 .0014706 .0017363

High Scool Grad. | .0008687 .0000261 33.24 0.000 .0008175 .00092

College Grad/Higher | .0004738 .0000289 16.42 0.000 .0004172 .0005304

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

Conditional marginal effects Number of obs = 3848135

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 2.educ\_cat 3.educ\_cat

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

educ\_cat |

High Scool Grad. | -.0007347 .0000691 -10.63 0.000 -.0008702 -.0005992

College Grad/Higher | -.0011296 .0000734 -15.39 0.000 -.0012735 -.0009857

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

Note: dy/dx for factor levels is the discrete change from the base level.

(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( 3, 337) = 1.50

Prob > F = 0.2153

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

| Linearized

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

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

dur\_cat |

1.75-3.00 Yrs | .9700864 .064092 -0.46 0.646 .8518664 1.104713

3.25-5.00 Yrs | .9135215 .0622171 -1.33 0.185 .7989846 1.044478

5.25-9.75 Yrs | 1.043106 .0712722 0.62 0.537 .9119266 1.193155

|

\_cons | .000868 .0000427 -143.44 0.000 .0007881 .0009561

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

dur\_cat |

<=1.50 Yrs | .0008677 .0000426 20.36 0.000 .0007841 .0009512

1.75-3.00 Yrs | .0008417 .0000402 20.95 0.000 .000763 .0009205

3.25-5.00 Yrs | .0007927 .0000368 21.52 0.000 .0007205 .0008648

5.25-9.75 Yrs | .000905 .0000403 22.47 0.000 .0008261 .000984

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

at : 1.dur\_cat = .2511482 (mean)

2.dur\_cat = .2398741 (mean)

3.dur\_cat = .2511367 (mean)

4.dur\_cat = .257841 (mean)

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

dur\_cat |

<=1.50 Yrs | .0008677 .0000426 20.36 0.000 .0007841 .0009512

1.75-3.00 Yrs | .0008417 .0000402 20.95 0.000 .000763 .0009205

3.25-5.00 Yrs | .0007927 .0000368 21.52 0.000 .0007205 .0008648

5.25-9.75 Yrs | .000905 .0000403 22.47 0.000 .0008261 .000984

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

Conditional marginal effects Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 2.dur\_cat 3.dur\_cat 4.dur\_cat

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

dur\_cat |

1.75-3.00 Yrs | -.0000259 .0000565 -0.46 0.646 -.0001366 .0000848

3.25-5.00 Yrs | -.000075 .0000567 -1.32 0.186 -.0001862 .0000361

5.25-9.75 Yrs | .0000374 .0000604 0.62 0.536 -.0000811 .0001558

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

Note: dy/dx for factor levels is the discrete change from the base level.

(running cloglog on estimation sample)

**Ages 60 to 74**

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( 1, 339) = 109.18

Prob > F = 0.0000

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

| Linearized

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

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

xspd2 |

Serious Psy Distress | 2.246877 .1740792 10.45 0.000 1.92928 2.616756

\_cons | .0042196 .0000847 -272.46 0.000 .0040563 .0043895

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

xspd2 |

Serious Psy Distress | .0094362 .0007234 13.04 0.000 .0080184 .010854

No SPD | .0042107 .0000843 49.93 0.000 .0040455 .004376

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

xspd2 |

Serious Psy Distress | .0094362 .0007234 13.04 0.000 .0080184 .010854

No SPD | .0042107 .0000843 49.93 0.000 .0040455 .004376

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

Conditional marginal effects Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 1.xspd2

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

xspd2 |

Serious Psy Distress | .0052254 .0007192 7.27 0.000 .0038158 .0066351

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

Note: dy/dx for factor levels is the discrete change from the base level.

(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( 2, 338) = 280.22

Prob > F = 0.0000

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

| Linearized

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

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

xsmoke |

Current Smoker | 3.067858 .1467779 23.43 0.000 2.792316 3.370589

Former Smoker | 1.739656 .0800407 12.03 0.000 1.589131 1.904439

|

\_cons | .0026484 .0000998 -157.45 0.000 .0024591 .0028521

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

Adjusted predictions Number of obs = 3852319

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

xsmoke |

Current Smoker | .0080918 .0002439 33.18 0.000 .0076139 .0085698

Former Smoker | .0045966 .000136 33.80 0.000 .0043301 .0048631

Never Smoker | .0026448 .0000995 26.57 0.000 .0024497 .00284

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

Adjusted predictions Number of obs = 3852319

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

xsmoke |

Current Smoker | .0080918 .0002439 33.18 0.000 .0076139 .0085698

Former Smoker | .0045966 .000136 33.80 0.000 .0043301 .0048631

Never Smoker | .0026448 .0000995 26.57 0.000 .0024497 .00284

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

Conditional marginal effects Number of obs = 3852319

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 1.xsmoke 2.xsmoke

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

xsmoke |

Current Smoker | .005447 .0002615 20.83 0.000 .0049345 .0059595

Former Smoker | .0019518 .0001618 12.06 0.000 .0016346 .0022689

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

Note: dy/dx for factor levels is the discrete change from the base level.

(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( 1, 339) = 357.94

Prob > F = 0.0000

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

| Linearized

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

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

chronic1p |

1+ Condition | 2.447536 .1157948 18.92 0.000 2.230046 2.686238

\_cons | .0022626 .0000982 -140.38 0.000 .0020775 .0024642

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

Adjusted predictions Number of obs = 3838055

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

chronic1p |

1+ Condition | .0055225 .0001197 46.14 0.000 .0052879 .0057571

None | .0022601 .000098 23.07 0.000 .0020681 .002452

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

Adjusted predictions Number of obs = 3838055

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

chronic1p |

1+ Condition | .0055225 .0001197 46.14 0.000 .0052879 .0057571

None | .0022601 .000098 23.07 0.000 .0020681 .002452

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

Conditional marginal effects Number of obs = 3838055

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 1.chronic1p

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

chronic1p |

1+ Condition | .0032625 .0001499 21.76 0.000 .0029687 .0035563

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

Note: dy/dx for factor levels is the discrete change from the base level.

(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( 1, 339) = 176.01

Prob > F = 0.0000

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

| Linearized

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

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

sex |

Female | .605224 .0229081 -13.27 0.000 .5618006 .6520038

\_cons | .005536 .0001458 -197.25 0.000 .0052564 .0058304

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

sex |

Male | .0055207 .000145 38.06 0.000 .0052364 .0058049

Female | .0033449 .0000971 34.43 0.000 .0031545 .0035353

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

at : 1.sex = .4763106 (mean)

2.sex = .5236894 (mean)

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

sex |

Male | .0055207 .000145 38.06 0.000 .0052364 .0058049

Female | .0033449 .0000971 34.43 0.000 .0031545 .0035353

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

Conditional marginal effects Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 2.sex

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

sex |

Female | -.0021758 .0001688 -12.89 0.000 -.0025066 -.0018449

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

Note: dy/dx for factor levels is the discrete change from the base level.

(running cloglog on estimation sample)

Survey: Complementary log-log regression

Number of strata = 339 Number of obs = 3865723

Number of PSUs = 678 Population size = 3125954075

Subpop. no. of obs = 842466

Subpop. size = 650482221.9

Design df = 339

F( 3, 337) = 46.46

Prob > F = 0.0000

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

| Linearized

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

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

marital |

Div/Sep | 1.55148 .0714981 9.53 0.000 1.41703 1.698687

Widow | 1.60125 .0816852 9.23 0.000 1.448375 1.770262

Never Married | 1.592175 .1153137 6.42 0.000 1.38077 1.835947

|

\_cons | .003749 .0001044 -200.67 0.000 .0035493 .0039601

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

Adjusted predictions Number of obs = 3858474

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

marital |

Married | .003742 .000104 35.99 0.000 .0035382 .0039458

Div/Sep | .0057997 .0002119 27.37 0.000 .0053844 .006215

Widow | .0059852 .0002539 23.57 0.000 .0054875 .0064829

Never Married | .0059514 .0003916 15.20 0.000 .0051839 .0067188

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

Adjusted predictions Number of obs = 3858474

Model VCE : Linearized

Expression : Pr(dead), predict()

at : 1.marital = .7238098 (mean)

2.marital = .1287408 (mean)

3.marital = .0632217 (mean)

4.marital = .0842277 (mean)

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

marital |

Married | .003742 .000104 35.99 0.000 .0035382 .0039458

Div/Sep | .0057997 .0002119 27.37 0.000 .0053844 .006215

Widow | .0059852 .0002539 23.57 0.000 .0054875 .0064829

Never Married | .0059514 .0003916 15.20 0.000 .0051839 .0067188

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

Conditional marginal effects Number of obs = 3858474

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 2.marital 3.marital 4.marital

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

marital |

Div/Sep | .0020577 .0002363 8.71 0.000 .0015945 .0025208

Widow | .0022432 .0002751 8.16 0.000 .001704 .0027823

Never Married | .0022093 .0004083 5.41 0.000 .0014091 .0030096

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

Note: dy/dx for factor levels is the discrete change from the base level.

(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( 3, 337) = 30.17

Prob > F = 0.0000

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

| Linearized

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

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

racehisp |

Hispanic | .9110067 .0662003 -1.28 0.200 .7896698 1.050988

NH Black | 1.558119 .0822093 8.41 0.000 1.404523 1.728513

NH Other | .6837463 .0915101 -2.84 0.005 .5254907 .8896617

|

\_cons | .0042129 .0000943 -244.34 0.000 .0040314 .0044026

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

racehisp |

Hispanic | .0038306 .0002642 14.50 0.000 .0033128 .0043485

NH White | .0042041 .0000939 44.77 0.000 .00402 .0043881

NH Black | .0065427 .0003225 20.29 0.000 .0059106 .0071748

NH Other | .0028764 .0003831 7.51 0.000 .0021256 .0036273

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

at : 3.racehisp = .10542 (mean)

4.racehisp = .0363612 (mean)

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

racehisp |

Hispanic | .0038306 .0002642 14.50 0.000 .0033128 .0043485

NH White | .0042041 .0000939 44.77 0.000 .00402 .0043881

NH Black | .0065427 .0003225 20.29 0.000 .0059106 .0071748

NH Other | .0028764 .0003831 7.51 0.000 .0021256 .0036273

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

Conditional marginal effects Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 1.racehisp 3.racehisp 4.racehisp

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

racehisp |

Hispanic | -.0003734 .0002805 -1.33 0.183 -.0009232 .0001764

NH Black | .0023387 .0003292 7.10 0.000 .0016935 .0029839

NH Other | -.0013276 .0003886 -3.42 0.001 -.0020893 -.0005659

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

Note: dy/dx for factor levels is the discrete change from the base level.

(running cloglog on estimation sample)

Survey: Complementary log-log regression

Number of strata = 339 Number of obs = 3862557

Number of PSUs = 678 Population size = 3122895286

Subpop. no. of obs = 839300

Subpop. size = 647423432.7

Design df = 339

F( 2, 338) = 126.87

Prob > F = 0.0000

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

| Linearized

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

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

educ\_cat |

High Scool Grad. | .6576289 .0244862 -11.26 0.000 .6111864 .7076004

College Grad/Higher | .4159623 .0253513 -14.39 0.000 .3689696 .46894

|

\_cons | .0063796 .0001938 -166.41 0.000 .0060096 .0067724

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

Adjusted predictions Number of obs = 3848135

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

educ\_cat |

Below Hi Sch | .0063593 .0001926 33.03 0.000 .0059819 .0067367

High Scool Grad. | .0041866 .0001106 37.84 0.000 .0039698 .0044035

College Grad/Higher | .0026502 .0001407 18.83 0.000 .0023744 .0029259

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

Adjusted predictions Number of obs = 3848135

Model VCE : Linearized

Expression : Pr(dead), predict()

at : 1.educ\_cat = .1648121 (mean)

2.educ\_cat = .5786756 (mean)

3.educ\_cat = .2565122 (mean)

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

educ\_cat |

Below Hi Sch | .0063593 .0001926 33.03 0.000 .0059819 .0067367

High Scool Grad. | .0041866 .0001106 37.84 0.000 .0039698 .0044035

College Grad/Higher | .0026502 .0001407 18.83 0.000 .0023744 .0029259

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

Conditional marginal effects Number of obs = 3848135

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 2.educ\_cat 3.educ\_cat

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

educ\_cat |

High Scool Grad. | -.0021727 .0002074 -10.47 0.000 -.0025792 -.0017661

College Grad/Higher | -.0037091 .0002373 -15.63 0.000 -.0041742 -.0032441

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

Note: dy/dx for factor levels is the discrete change from the base level.

(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( 3, 337) = 0.24

Prob > F = 0.8703

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

| Linearized

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

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

dur\_cat |

1.75-3.00 Yrs | .9900076 .0532144 -0.19 0.852 .890679 1.100413

3.25-5.00 Yrs | 1.012203 .0529414 0.23 0.817 .9132459 1.121884

5.25-9.75 Yrs | .9713894 .0538274 -0.52 0.601 .8710778 1.083253

|

\_cons | .0043908 .0001689 -141.15 0.000 .0040709 .0047358

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

dur\_cat |

<=1.50 Yrs | .0043812 .0001681 26.06 0.000 .0040516 .0047107

1.75-3.00 Yrs | .0043375 .0001573 27.58 0.000 .0040292 .0046457

3.25-5.00 Yrs | .0044345 .0001604 27.65 0.000 .0041202 .0047488

5.25-9.75 Yrs | .0042561 .0001628 26.14 0.000 .0039369 .0045752

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

at : 1.dur\_cat = .2511482 (mean)

2.dur\_cat = .2398741 (mean)

3.dur\_cat = .2511367 (mean)

4.dur\_cat = .257841 (mean)

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

dur\_cat |

<=1.50 Yrs | .0043812 .0001681 26.06 0.000 .0040516 .0047107

1.75-3.00 Yrs | .0043375 .0001573 27.58 0.000 .0040292 .0046457

3.25-5.00 Yrs | .0044345 .0001604 27.65 0.000 .0041202 .0047488

5.25-9.75 Yrs | .0042561 .0001628 26.14 0.000 .0039369 .0045752

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

Conditional marginal effects Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 2.dur\_cat 3.dur\_cat 4.dur\_cat

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

dur\_cat |

1.75-3.00 Yrs | -.0000437 .0002339 -0.19 0.852 -.0005021 .0004147

3.25-5.00 Yrs | .0000533 .00023 0.23 0.817 -.0003974 .000504

5.25-9.75 Yrs | -.0001251 .0002388 -0.52 0.600 -.0005932 .000343

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

Note: dy/dx for factor levels is the discrete change from the base level.

(running cloglog on estimation sample)

**Ages 75 to 84**

Survey: Complementary log-log regression

Number of strata = 339 Number of obs = 3867306

Number of PSUs = 678 Population size = 3126764081

Subpop. no. of obs = 390866

Subpop. size = 267508421.8

Design df = 339

F( 1, 339) = 92.38

Prob > F = 0.0000

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

| Linearized

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

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

xspd2 |

Serious Psy Distress | 2.009627 .1459286 9.61 0.000 1.742145 2.318178

\_cons | .0120427 .0002053 -259.17 0.000 .0116455 .0124535

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

xspd2 |

Serious Psy Distress | .0239109 .001675 14.28 0.000 .020628 .0271937

No SPD | .0119705 .0002029 59.00 0.000 .0115728 .0123681

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

xspd2 |

Serious Psy Distress | .0239109 .001675 14.28 0.000 .020628 .0271937

No SPD | .0119705 .0002029 59.00 0.000 .0115728 .0123681

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

Conditional marginal effects Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 1.xspd2

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

xspd2 |

Serious Psy Distress | .0119404 .0016834 7.09 0.000 .0086409 .0152398

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

Note: dy/dx for factor levels is the discrete change from the base level.

(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( 2, 338) = 209.03

Prob > F = 0.0000

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

| Linearized

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

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

xsmoke |

Current Smoker | 2.502153 .1195046 19.20 0.000 2.277793 2.748613

Former Smoker | 1.643123 .0564854 14.45 0.000 1.53569 1.758072

|

\_cons | .0088727 .0002416 -173.53 0.000 .0084101 .0093609

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

Adjusted predictions Number of obs = 3852319

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

xsmoke |

Current Smoker | .0219563 .000889 24.70 0.000 .0202138 .0236988

Former Smoker | .0144732 .000325 44.53 0.000 .0138362 .0151102

Never Smoker | .0088335 .0002394 36.89 0.000 .0083642 .0093028

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

Adjusted predictions Number of obs = 3852319

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

xsmoke |

Current Smoker | .0219563 .000889 24.70 0.000 .0202138 .0236988

Former Smoker | .0144732 .000325 44.53 0.000 .0138362 .0151102

Never Smoker | .0088335 .0002394 36.89 0.000 .0083642 .0093028

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

Conditional marginal effects Number of obs = 3852319

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 1.xsmoke 2.xsmoke

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

xsmoke |

Current Smoker | .0131228 .0009064 14.48 0.000 .0113462 .0148994

Former Smoker | .0056397 .0003924 14.37 0.000 .0048707 .0064088

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

Note: dy/dx for factor levels is the discrete change from the base level.

(running cloglog on estimation sample)

Survey: Complementary log-log regression

Number of strata = 339 Number of obs = 3860459

Number of PSUs = 678 Population size = 3122303568

Subpop. no. of obs = 384019

Subpop. size = 263047908.4

Design df = 339

F( 1, 339) = 170.49

Prob > F = 0.0000

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

| Linearized

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

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

chronic1p |

1+ Condition | 1.838201 .0857048 13.06 0.000 1.67712 2.014753

\_cons | .0075261 .0003239 -113.62 0.000 .0069153 .008191

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

Adjusted predictions Number of obs = 3838055

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

chronic1p |

1+ Condition | .0137393 .000249 55.17 0.000 .0132512 .0142274

None | .0074979 .0003215 23.33 0.000 .0068679 .0081279

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

Adjusted predictions Number of obs = 3838055

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

chronic1p |

1+ Condition | .0137393 .000249 55.17 0.000 .0132512 .0142274

None | .0074979 .0003215 23.33 0.000 .0068679 .0081279

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

Conditional marginal effects Number of obs = 3838055

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 1.chronic1p

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

chronic1p |

1+ Condition | .0062414 .0004052 15.40 0.000 .0054472 .0070356

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

Note: dy/dx for factor levels is the discrete change from the base level.

(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 = 390866

Subpop. size = 267508421.8

Design df = 339

F( 1, 339) = 131.16

Prob > F = 0.0000

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

| Linearized

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

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

sex |

Female | .681572 .0228148 -11.45 0.000 .6381411 .7279588

\_cons | .0151614 .0003758 -169.01 0.000 .01444 .0159189

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

sex |

Male | .015047 .0003701 40.65 0.000 .0143216 .0157725

Female | .0102804 .000233 44.12 0.000 .0098237 .010737

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

at : 1.sex = .4763106 (mean)

2.sex = .5236894 (mean)

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

sex |

Male | .015047 .0003701 40.65 0.000 .0143216 .0157725

Female | .0102804 .000233 44.12 0.000 .0098237 .010737

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

Conditional marginal effects Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 2.sex

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

sex |

Female | -.0047667 .0004351 -10.95 0.000 -.0056195 -.0039139

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

Note: dy/dx for factor levels is the discrete change from the base level.

(running cloglog on estimation sample)

Survey: Complementary log-log regression

Number of strata = 339 Number of obs = 3866848

Number of PSUs = 678 Population size = 3126519669

Subpop. no. of obs = 390408

Subpop. size = 267264009.1

Design df = 339

F( 3, 337) = 9.82

Prob > F = 0.0000

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

| Linearized

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

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

marital |

Div/Sep | 1.235983 .0687086 3.81 0.000 1.107961 1.378797

Widow | 1.138546 .0402432 3.67 0.000 1.062077 1.220521

Never Married | 1.306349 .0941266 3.71 0.000 1.133725 1.505257

|

\_cons | .011476 .0002906 -176.45 0.000 .0109185 .012062

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

Adjusted predictions Number of obs = 3858474

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

marital |

Married | .0114104 .0002872 39.72 0.000 .0108474 .0119734

Div/Sep | .014084 .0006889 20.44 0.000 .0127337 .0154343

Widow | .012981 .0003199 40.57 0.000 .0123539 .013608

Never Married | .0148798 .0010084 14.76 0.000 .0129034 .0168562

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

Adjusted predictions Number of obs = 3858474

Model VCE : Linearized

Expression : Pr(dead), predict()

at : 1.marital = .7238098 (mean)

2.marital = .1287408 (mean)

3.marital = .0632217 (mean)

4.marital = .0842277 (mean)

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

marital |

Married | .0114104 .0002872 39.72 0.000 .0108474 .0119734

Div/Sep | .014084 .0006889 20.44 0.000 .0127337 .0154343

Widow | .012981 .0003199 40.57 0.000 .0123539 .013608

Never Married | .0148798 .0010084 14.76 0.000 .0129034 .0168562

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

Conditional marginal effects Number of obs = 3858474

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 2.marital 3.marital 4.marital

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

marital |

Div/Sep | .0026736 .0007488 3.57 0.000 .001206 .0041412

Widow | .0015706 .0004287 3.66 0.000 .0007302 .0024109

Never Married | .0034694 .0010396 3.34 0.001 .0014319 .0055069

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

Note: dy/dx for factor levels is the discrete change from the base level.

(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 = 390866

Subpop. size = 267508421.8

Design df = 339

F( 3, 337) = 11.44

Prob > F = 0.0000

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

| Linearized

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

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

racehisp |

Hispanic | .8023465 .0522445 -3.38 0.001 .7058911 .9119819

NH Black | 1.232321 .0667798 3.85 0.000 1.107725 1.370933

NH Other | .7484149 .1173886 -1.85 0.066 .549735 1.0189

|

\_cons | .0122996 .0002206 -245.24 0.000 .0118733 .0127412

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

racehisp |

Hispanic | .00982 .0006146 15.98 0.000 .0086154 .0110246

NH White | .0122243 .0002179 56.10 0.000 .0117972 .0126513

NH Black | .0150428 .0007717 19.49 0.000 .0135302 .0165553

NH Other | .009163 .0014184 6.46 0.000 .006383 .0119429

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

at : 3.racehisp = .10542 (mean)

4.racehisp = .0363612 (mean)

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

racehisp |

Hispanic | .00982 .0006146 15.98 0.000 .0086154 .0110246

NH White | .0122243 .0002179 56.10 0.000 .0117972 .0126513

NH Black | .0150428 .0007717 19.49 0.000 .0135302 .0165553

NH Other | .009163 .0014184 6.46 0.000 .006383 .0119429

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

Conditional marginal effects Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 1.racehisp 3.racehisp 4.racehisp

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

racehisp |

Hispanic | -.0024043 .0006486 -3.71 0.000 -.0036756 -.0011329

NH Black | .0028185 .0007954 3.54 0.000 .0012595 .0043775

NH Other | -.0030613 .0014388 -2.13 0.033 -.0058812 -.0002414

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

Note: dy/dx for factor levels is the discrete change from the base level.

(running cloglog on estimation sample)

Survey: Complementary log-log regression

Number of strata = 339 Number of obs = 3864476

Number of PSUs = 678 Population size = 3124593883

Subpop. no. of obs = 388036

Subpop. size = 265338223.5

Design df = 339

F( 2, 338) = 57.85

Prob > F = 0.0000

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

| Linearized

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

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

educ\_cat |

High Scool Grad. | .7516426 .0252494 -8.50 0.000 .7035827 .8029853

College Grad/Higher | .6252906 .0335913 -8.74 0.000 .562588 .6949815

|

\_cons | .0151474 .0003721 -170.57 0.000 .014433 .0158973

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

Adjusted predictions Number of obs = 3848135

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

educ\_cat |

Below Hi Sch | .0150333 .0003665 41.02 0.000 .014315 .0157516

High Scool Grad. | .0113209 .000259 43.72 0.000 .0108134 .0118284

College Grad/Higher | .0094268 .0004795 19.66 0.000 .0084871 .0103665

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

Adjusted predictions Number of obs = 3848135

Model VCE : Linearized

Expression : Pr(dead), predict()

at : 1.educ\_cat = .1648121 (mean)

2.educ\_cat = .5786756 (mean)

3.educ\_cat = .2565122 (mean)

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

educ\_cat |

Below Hi Sch | .0150333 .0003665 41.02 0.000 .014315 .0157516

High Scool Grad. | .0113209 .000259 43.72 0.000 .0108134 .0118284

College Grad/Higher | .0094268 .0004795 19.66 0.000 .0084871 .0103665

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

Conditional marginal effects Number of obs = 3848135

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 2.educ\_cat 3.educ\_cat

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

educ\_cat |

High Scool Grad. | -.0037124 .000448 -8.29 0.000 -.0045904 -.0028344

College Grad/Higher | -.0056065 .0005641 -9.94 0.000 -.006712 -.0045009

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

Note: dy/dx for factor levels is the discrete change from the base level.

(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 = 390866

Subpop. size = 267508421.8

Design df = 339

F( 3, 337) = 3.07

Prob > F = 0.0278

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

| Linearized

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

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

dur\_cat |

1.75-3.00 Yrs | 1.110044 .0530221 2.19 0.030 1.0105 1.219395

3.25-5.00 Yrs | 1.122408 .0532369 2.43 0.015 1.022428 1.232165

5.25-9.75 Yrs | 1.144778 .0542276 2.85 0.005 1.042931 1.25657

|

\_cons | .0112399 .0003921 -128.66 0.000 .0104945 .0120382

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

dur\_cat |

<=1.50 Yrs | .011177 .0003877 28.83 0.000 .0104171 .0119369

1.75-3.00 Yrs | .0123993 .0003938 31.48 0.000 .0116273 .0131712

3.25-5.00 Yrs | .0125365 .0003974 31.54 0.000 .0117575 .0133155

5.25-9.75 Yrs | .0127847 .0004113 31.08 0.000 .0119786 .0135909

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

Adjusted predictions Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

at : 1.dur\_cat = .2511482 (mean)

2.dur\_cat = .2398741 (mean)

3.dur\_cat = .2511367 (mean)

4.dur\_cat = .257841 (mean)

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

| Delta-method

| Margin Std. Err. z P>|z| [95% Conf. Interval]

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

dur\_cat |

<=1.50 Yrs | .011177 .0003877 28.83 0.000 .0104171 .0119369

1.75-3.00 Yrs | .0123993 .0003938 31.48 0.000 .0116273 .0131712

3.25-5.00 Yrs | .0125365 .0003974 31.54 0.000 .0117575 .0133155

5.25-9.75 Yrs | .0127847 .0004113 31.08 0.000 .0119786 .0135909

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

Conditional marginal effects Number of obs = 3867306

Model VCE : Linearized

Expression : Pr(dead), predict()

dy/dx w.r.t. : 2.dur\_cat 3.dur\_cat 4.dur\_cat

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

| Delta-method

| dy/dx Std. Err. z P>|z| [95% Conf. Interval]

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

dur\_cat |

1.75-3.00 Yrs | .0012223 .000558 2.19 0.028 .0001287 .0023159

3.25-5.00 Yrs | .0013595 .0005571 2.44 0.015 .0002677 .0024514

5.25-9.75 Yrs | .0016078 .0005625 2.86 0.004 .0005052 .0027104

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

Note: dy/dx for factor levels is the discrete change from the base level.