```
1 .
2 . use finaldata_imputed_FINAL,clear

3 .
4 .
5 . capture drop poorsleep_2006tert

6 . xtile poorsleep_2006tert=poorsleep_2006 if sample_final==1,nq(3)

7 .
8 . bysort poorsleep_2006tert: su poorsleep_2006 if sample_final==1,detail
```

-> poorsleep_2006tert = 1

poorsleep_2006

Percentiles		Smallest		
1%	**0**	**0**		
5%	**0**	**0**		
10%	**0**	**0**	Obs	**14,232**
25%	**0**	**0**	Sum of wgt.	**14,232**
50%	**0**		Mean	**.489882**
		Largest	Std. dev.	**.4999152**
75%	**1**	**1**		
90%	**1**	**1**	Variance	**.2499152**
95%	**1**	**1**	Skewness	**.0404805**
99%	**1**	**1**	Kurtosis	**1.001639**

-> poorsleep_2006tert = 2

poorsleep_2006

Percentiles		Smallest		
1%	**2**	**2**		
5%	**2**	**2**		
10%	**2**	**2**	Obs	**19,038**
25%	**2**	**2**	Sum of wgt.	**19,038**
50%	**3**		Mean	**2.895682**
		Largest	Std. dev.	**.8124816**
75%	**4**	**4**		
90%	**4**	**4**	Variance	**.6601263**
95%	**4**	**4**	Skewness	**.1927942**
99%	**4**	**4**	Kurtosis	**1.539746**

-> poorsleep_2006tert = 3

poorsleep_2006

Percentiles		Smallest		
1%	**5**	**5**		
5%	**5**	**5**		
10%	**5**	**5**	Obs	**8,676**
25%	**5**	**5**	Sum of wgt.	**8,676**

50%	**6**		Mean	**6.132089**
		Largest	Std. dev.	**1.184853**
75%	**7**	**9**		
90%	**8**	**9**	Variance	**1.403876**
95%	**8**	**9**	Skewness	**.8089262**
99%	**9**	**9**	Kurtosis	**2.648532**

```
-> poorsleep_2006tert = .

                        poorsleep_2006
-----------------------------------------------------------------------------
no observations


 9 .
10 . save finaldata_imputed_FINAL, replace
file finaldata_imputed_FINAL.dta saved

11 .
12 .
13 .
14 . **STEP 15: TABLE 2: COX PH MODELS FOR EXPOSURE (POORSLEEP and dementia probabilities, loge transformed) VS. OUT
> INTERACTION BY SEX AND BY RACE*******
15 .
16 .
17 . capture drop lnhurd_odds

18 . mi passive: gen lnhurd_odds=ln((hurd_p)/(1-hurd_p))
m=0:
(35,952 missing values generated)
m=1:
(35,952 missing values generated)
m=2:
(35,952 missing values generated)
m=3:
(35,952 missing values generated)
m=4:
(35,952 missing values generated)
m=5:
(35,952 missing values generated)

19 .
20 . capture drop lnexpert_odds

21 . mi passive: gen lnexpert_odds=ln((expert_p)/(1-expert_p))
m=0:
(35,850 missing values generated)
m=1:
(35,850 missing values generated)
m=2:
(35,850 missing values generated)
m=3:
(35,850 missing values generated)
m=4:
(35,850 missing values generated)
m=5:
(35,850 missing values generated)
```

```
22 .
23 .
24 . capture drop lnlasso_odds

25 . mi passive: gen lnlasso_odds=ln((lasso_p)/(1-lasso_p))
   m=0:
   (36,394 missing values generated)
   m=1:
   (36,394 missing values generated)
   m=2:
   (36,394 missing values generated)
   m=3:
   (36,394 missing values generated)
   m=4:
   (36,394 missing values generated)
   m=5:
   (36,394 missing values generated)

26 .
27 .
28 . capture drop Men

29 . mi passive: gen Men=1 if SEX==1 & sample_final==1
   m=0:
   (40,630 missing values generated)
   m=1:
   (40,630 missing values generated)
   m=2:
   (40,630 missing values generated)
   m=3:
   (40,630 missing values generated)
   m=4:
   (40,630 missing values generated)
   m=5:
   (40,630 missing values generated)

30 . mi passive: replace Men=0 if Men~=1 & SEX~=. & sample_final==1
   m=0:
   (4,060 real changes made)
   m=1:
   (4,060 real changes made)
   m=2:
   (4,060 real changes made)
   m=3:
   (4,060 real changes made)
   m=4:
   (4,060 real changes made)
   m=5:
   (4,060 real changes made)

31 .
```

```
32 . capture drop Women

33 . mi passive: gen Women=1 if SEX==2 & sample_final==1
   m=0:
   (39,501 missing values generated)
   m=1:
   (39,501 missing values generated)
   m=2:
   (39,501 missing values generated)
   m=3:
   (39,501 missing values generated)
   m=4:
   (39,501 missing values generated)
   m=5:
   (39,501 missing values generated)

34 . mi passive: replace Women=0 if Women~=1 & SEX~=. & sample_final==1
   m=0:
   (2,931 real changes made)
   m=1:
   (2,931 real changes made)
   m=2:
   (2,931 real changes made)
   m=3:
   (2,931 real changes made)
   m=4:
   (2,931 real changes made)
   m=5:
   (2,931 real changes made)

35 .
36 . capture drop NHW

37 . mi passive: gen NHW=1 if RACE_ETHN==1 & sample_final==1
   m=0:
   (37,895 missing values generated)
   m=1:
   (37,895 missing values generated)
   m=2:
   (37,895 missing values generated)
   m=3:
   (37,895 missing values generated)
   m=4:
   (37,895 missing values generated)
   m=5:
   (37,895 missing values generated)

38 . mi passive: replace NHW=0 if NHW~=1 & RACE_ETHN~=. & sample_final==1
   m=0:
   (1,325 real changes made)
   m=1:
   (1,325 real changes made)
   m=2:
   (1,325 real changes made)
   m=3:
   (1,325 real changes made)
   m=4:
   (1,325 real changes made)
   m=5:
   (1,325 real changes made)
```

```
39 .
40 . capture drop NHB

41 . mi passive: gen NHB=1 if RACE_ETHN==2 & sample_final==1
   m=0:
   (42,705 missing values generated)
   m=1:
   (42,705 missing values generated)
   m=2:
   (42,705 missing values generated)
   m=3:
   (42,705 missing values generated)
   m=4:
   (42,705 missing values generated)
   m=5:
   (42,705 missing values generated)

42 . mi passive: replace NHB=0 if NHB~=1 & RACE_ETHN~=. & sample_final==1
   m=0:
   (6,135 real changes made)
   m=1:
   (6,135 real changes made)
   m=2:
   (6,135 real changes made)
   m=3:
   (6,135 real changes made)
   m=4:
   (6,135 real changes made)
   m=5:
   (6,135 real changes made)

43 .
44 .
45 . capture drop HISP

46 . mi passive: gen HISP=1 if RACE_ETHN==3 & sample_final==1
   m=0:
   (43,092 missing values generated)
   m=1:
   (43,092 missing values generated)
   m=2:
   (43,092 missing values generated)
   m=3:
   (43,092 missing values generated)
   m=4:
   (43,092 missing values generated)
   m=5:
   (43,092 missing values generated)

47 . mi passive: replace HISP=0 if HISP~=1 & RACE_ETHN~=. & sample_final==1
   m=0:
   (6,522 real changes made)
   m=1:
   (6,522 real changes made)
   m=2:
   (6,522 real changes made)
   m=3:
   (6,522 real changes made)
   m=4:
   (6,522 real changes made)
   m=5:
   (6,522 real changes made)
```

```
48 .
49 .
50 . capture drop OTHER

51 . mi passive: gen OTHER=1 if RACE_ETHN==4 & sample_final==1
   m=0:
   (43,561 missing values generated)
   m=1:
   (43,561 missing values generated)
   m=2:
   (43,561 missing values generated)
   m=3:
   (43,561 missing values generated)
   m=4:
   (43,561 missing values generated)
   m=5:
   (43,561 missing values generated)

52 . mi passive: replace OTHER=0 if OTHER~=1 & RACE_ETHN~=. & sample_final==1
   m=0:
   (6,991 real changes made)
   m=1:
   (6,991 real changes made)
   m=2:
   (6,991 real changes made)
   m=3:
   (6,991 real changes made)
   m=4:
   (6,991 real changes made)
   m=5:
   (6,991 real changes made)

53 .
54 .
55 . capture drop NonWhite

56 . mi passive: gen NonWhite=0 if RACE_ETHN==1 & sample_final==1
   (passive variable NonWhite unregistered because not in m=0)
   m=0:
   (37,895 missing values generated)
   m=1:
   (37,895 missing values generated)
   m=2:
   (37,895 missing values generated)
   m=3:
   (37,895 missing values generated)
   m=4:
   (37,895 missing values generated)
   m=5:
   (37,895 missing values generated)
```

```
57 . mi passive: replace NonWhite=1 if RACE_ETHN!=1 & RACE_ETHN!=. & sample_final==1
   m=0:
   (1,325 real changes made)
   m=1:
   (1,325 real changes made)
   m=2:
   (1,325 real changes made)
   m=3:
   (1,325 real changes made)
   m=4:
   (1,325 real changes made)
   m=5:
   (1,325 real changes made)

58 .
59 . save, replace
   (file C:\Users\baydounm\AppData\Local\Temp\ST_6434_000002.tmp not found)
   file C:\Users\baydounm\AppData\Local\Temp\ST_6434_000002.tmp saved as .dta format

60 .
61 .
62 .
63 .
64 . ****************OVERALL*********************
65 .
66 . ***MODEL 1****
67 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
     2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite
     3.
68 . }

   Multiple-imputation estimates                Imputations       =          5
   Survey: Cox regression                       Number of obs     =      6,951

   Number of strata  =        52                Population size   =  22,747,247
   Number of PSUs    =       104                Subpop. no. obs   =      6,718
                                                Subpop. size      =  22,734,819
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =         52
   DF adjustment:   Small sample                DF:     min       =      50.11
                                                        avg       =      50.11
                                                        max       =      50.11
   Model F test:       Equal FMI                F(   4,   50.1)   =     526.24
   Within VCE type:   Linearized                Prob > F          =     0.0000

------------------------------------------------------------------------------
          _t | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
poorsleep_2006 |   .0218995   .0069389     3.16   0.003      .007963    .0358361
       AGE2006 |   .1049965   .0028288    37.12   0.000      .099315     .110678
           SEX |  -.3593181    .032347   -11.11   0.000    -.4242854   -.2943508
      NonWhite |   .0920389   .0475714     1.93   0.059     -.003506    .1875838
------------------------------------------------------------------------------

   Multiple-imputation estimates                Imputations       =          5
   Survey: Cox regression                       Number of obs     =      6,951
```

Number of strata	= 52	Population size	= 22,747,247
Number of PSUs	= 104	Subpop. no. obs	= 6,718
		Subpop. size	= 22,734,819
		Average RVI	= 0.0000
		Largest FMI	= 0.0000
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 50.11
		avg	= 50.11
		max	= 50.11
Model F test:	Equal FMI	F(4, 50.1)	= 495.54
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0855487	.0098459	8.69	0.000	.0657737	.1053236
AGE2006	.0844039	.0035252	23.94	0.000	.0773238	.091484
SEX	-.3407518	.0306056	-11.13	0.000	-.4022217	-.2792819
NonWhite	-.044719	.0483307	-0.93	0.359	-.1417889	.0523508

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,951
Number of strata	= 52	Population size	= 22,747,247
Number of PSUs	= 104	Subpop. no. obs	= 6,718
		Subpop. size	= 22,734,819
		Average RVI	= 0.0000
		Largest FMI	= 0.0000
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 50.11
		avg	= 50.11
		max	= 50.11
Model F test:	Equal FMI	F(4, 50.1)	= 473.07
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1505284	.0088549	17.00	0.000	.1327437	.168313
AGE2006	.0705582	.0035218	20.03	0.000	.0634849	.0776315
SEX	-.3343577	.031411	-10.64	0.000	-.3974452	-.2712703
NonWhite	-.1199371	.0479809	-2.50	0.016	-.2163043	-.0235699

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,951
Number of strata	= 52	Population size	= 22,747,247
Number of PSUs	= 104	Subpop. no. obs	= 6,718
		Subpop. size	= 22,734,819
		Average RVI	= 0.0000
		Largest FMI	= 0.0000
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 50.11
		avg	= 50.11
		max	= 50.11
Model F test:	Equal FMI	F(4, 50.1)	= 490.47
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1939897	.0108917	17.81	0.000	.1721142	.2158652
AGE2006	.0751002	.0032512	23.10	0.000	.0685703	.0816301
SEX	-.3803938	.0321403	-11.84	0.000	-.444946	-.3158417
NonWhite	-.0968869	.0461882	-2.10	0.041	-.1896536	-.0041201

```
69 .
70 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
     2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite
     3.
71 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,951

Number of strata = 52 — Population size = 22,747,247
Number of PSUs = 104 — Subpop. no. obs = 6,718
Subpop. size = 22,734,819
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 52
DF adjustment: Small sample — DF: min = 50.11
avg = 50.11
max = 50.11
Model F test: Equal FMI — F(4, 50.1) = 526.67
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	.0720098	.0228002	3.16	0.003	.0262167	.117803
AGE2006	.104934	.0028281	37.10	0.000	.0992539	.1106142
SEX	-.3589277	.0326549	-10.99	0.000	-.4245134	-.2933421
NonWhite	.0927254	.0478398	1.94	0.058	-.0033584	.1888093

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,951

Number of strata = 52 — Population size = 22,747,247
Number of PSUs = 104 — Subpop. no. obs = 6,718
Subpop. size = 22,734,819
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 52
DF adjustment: Small sample — DF: min = 50.11
avg = 50.11
max = 50.11
Model F test: Equal FMI — F(4, 50.1) = 514.02
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.674912	.0566489	11.91	0.000	.5611354	.7886885
AGE2006	.0906107	.0027607	32.82	0.000	.0850659	.0961555
SEX	-.3551845	.0335651	-10.58	0.000	-.4225984	-.2877706
NonWhite	.0150917	.047185	0.32	0.750	-.079677	.1098604

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      6,951

Number of strata  =        52                 Population size   =  22,747,247
Number of PSUs    =       104                 Subpop. no. obs   =      6,718
                                              Subpop. size      =  22,734,819
                                              Average RVI       =     0.0000
                                              Largest FMI       =     0.0000
                                              Complete DF       =         52
DF adjustment:   Small sample                 DF:     min       =      50.11
                                                      avg       =      50.11
                                                      max       =      50.11
Model F test:       Equal FMI                 F(   4,   50.1)   =     496.12
Within VCE type:   Linearized                 Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.7305453	.0553694	13.19	0.000	.6193385	.841752
AGE2006	.0914346	.0027434	33.33	0.000	.0859246	.0969446
SEX	-.3665609	.0308718	-11.87	0.000	-.4285654	-.3045563
NonWhite	.0098477	.0509086	0.19	0.847	-.0923998	.1120952

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      6,951

Number of strata  =        52                 Population size   =  22,747,247
Number of PSUs    =       104                 Subpop. no. obs   =      6,718
                                              Subpop. size      =  22,734,819
                                              Average RVI       =     0.0000
                                              Largest FMI       =     0.0000
                                              Complete DF       =         52
DF adjustment:   Small sample                 DF:     min       =      50.11
                                                      avg       =      50.11
                                                      max       =      50.11
Model F test:       Equal FMI                 F(   4,   50.1)   =     518.39
Within VCE type:   Linearized                 Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.6814181	.0581212	11.72	0.000	.5646845	.7981517
AGE2006	.0910614	.0027918	32.62	0.000	.0854541	.0966686
SEX	-.370657	.0323137	-11.47	0.000	-.4355575	-.3057564
NonWhite	-.0020961	.0507885	-0.04	0.967	-.1041022	.09991

```
72 .
73 .
74 . ***MODEL 2****
```

```
75 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
     2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marit
   > 06 cesd_2006
     3.
76 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0014
Largest FMI = 0.0116
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.56
avg = 50.07
max = 50.11
Model F test: Equal FMI — F(24, 50.1) = 100.65
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0331723	.0094551	-3.51	0.001	-.0521625	-.0141821
AGE2006	.0955728	.0038978	24.52	0.000	.0877442	.1034014
SEX	-.4208755	.036606	-11.50	0.000	-.4943977	-.3473532
NonWhite	-.165337	.0565338	-2.92	0.005	-.278885	-.0517889
education						
2	-.1955651	.1139443	-1.72	0.092	-.424417	.0332869
3	-.0425503	.0472169	-0.90	0.372	-.1373834	.0522827
4	-.0858017	.062655	-1.37	0.177	-.2116413	.0400378
5	-.1490251	.0577803	-2.58	0.013	-.2650742	-.032976
totwealth_2006						
2	-.1022632	.0419513	-2.44	0.018	-.1865209	-.0180055
3	-.0076687	.1032702	-0.07	0.941	-.2150821	.1997447
4	-.4366741	.3160649	-1.38	0.173	-1.071494	.1981456
5	-1.788602	1.072139	-1.67	0.102	-3.941941	.3647375
marital_2006						
2	-.1572793	.1084509	-1.45	0.153	-.3750977	.0605392
3	-.0567361	.1364491	-0.42	0.679	-.3307876	.2173154
4	-.0789243	.1111093	-0.71	0.481	-.3020821	.1442335
work_st_2006	-.1315094	.0539466	-2.44	0.018	-.2398586	-.0231601
smoking_2006						
2	.2710476	.0421866	6.42	0.000	.1863175	.3557778
3	.6656367	.0727722	9.15	0.000	.519437	.8118363
physic_act_2006	-.1904071	.0249049	-7.65	0.000	-.2404279	-.1403864
2.srh_2006	.3698405	.0446447	8.28	0.000	.2801725	.4595085
bmibr_2006						
2	-.2419481	.0468469	-5.16	0.000	-.3360382	-.147858
3	-.1767976	.0517413	-3.42	0.001	-.2807177	-.0728776
cardiometcondbr_2006	.3144177	.0334245	9.41	0.000	.2472861	.3815493
cesd_2006	.0219253	.0114666	1.91	0.062	-.0011053	.0449559

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0012
Largest FMI = 0.0083
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.74
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(24, 50.1) = 98.03
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0989917	.0100411	9.86	0.000	.0788247	.1191588
AGE2006	.0758362	.0046027	16.48	0.000	.066592	.0850805
SEX	-.3860905	.034812	-11.09	0.000	-.4560094	-.3161716
NonWhite	-.241155	.0564817	-4.27	0.000	-.354598	-.1277121
education						
2	-.1935758	.1016886	-1.90	0.063	-.3978127	.0106611
3	-.0192099	.0475238	-0.40	0.688	-.1146592	.0762394
4	-.0497702	.0618199	-0.81	0.425	-.1739326	.0743922
5	-.0628626	.0565474	-1.11	0.272	-.1764356	.0507104
totwealth_2006						
2	-.050343	.0425053	-1.18	0.242	-.1357132	.0350272
3	.0324711	.0980034	0.33	0.742	-.164364	.2293062
4	-.3788989	.2985867	-1.27	0.210	-.978626	.2208282
5	-1.724331	1.108974	-1.55	0.126	-3.951652	.5029894
marital_2006						
2	-.1950161	.1110983	-1.76	0.085	-.4181517	.0281194
3	-.0633035	.1397497	-0.45	0.653	-.3439841	.217377
4	-.0905569	.1136779	-0.80	0.429	-.3188735	.1377597
work_st_2006	-.0889333	.0509157	-1.75	0.087	-.1911951	.0133286
smoking_2006						
2	.2789003	.0423117	6.59	0.000	.1939185	.3638821
3	.6723111	.0837318	8.03	0.000	.5041094	.8405128
physic_act_2006	-.1684567	.0253478	-6.65	0.000	-.219367	-.1175465
2.srh_2006	.3220846	.0420249	7.66	0.000	.2376784	.4064908
bmibr_2006						
2	-.2160308	.0478243	-4.52	0.000	-.3120839	-.1199776
3	-.136931	.0526083	-2.60	0.012	-.2425924	-.0312696
cardiometcondbr_2006	.29223	.0356331	8.20	0.000	.2206626	.3637974
cesd_2006	-.0032107	.0102095	-0.31	0.754	-.0237162	.0172949

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0012
		Largest FMI	= 0.0083
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.75
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(24, 50.1)	= 91.28
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1008796	.0087909	11.48	0.000	.0832236	.1185356
AGE2006	.0758126	.0044437	17.06	0.000	.0668875	.0847376
SEX	-.3819454	.0354009	-10.79	0.000	-.4530472	-.3108436
NonWhite	-.2163228	.0552822	-3.91	0.000	-.3273565	-.105289
education						
2	-.1522148	.096643	-1.58	0.122	-.346318	.0418883
3	.0078078	.0469599	0.17	0.869	-.0865089	.1021246
4	-.0321906	.0618267	-0.52	0.605	-.1563665	.0919853
5	-.0561178	.0578496	-0.97	0.337	-.172306	.0600705
totwealth_2006						
2	-.0501995	.0418452	-1.20	0.236	-.1342439	.0338449
3	.039613	.100323	0.39	0.695	-.161881	.241107
4	-.3771513	.3005875	-1.25	0.215	-.9809004	.2265978
5	-1.732967	1.122255	-1.54	0.129	-3.98696	.5210267
marital_2006						
2	-.1620787	.1106131	-1.47	0.149	-.3842397	.0600824
3	-.0523581	.1369064	-0.38	0.704	-.327328	.2226117
4	-.0811307	.113005	-0.72	0.476	-.3080958	.1458343
work_st_2006	-.0992325	.0515678	-1.92	0.060	-.202804	.004339
smoking_2006						
2	.2888327	.0433859	6.66	0.000	.2016937	.3759717
3	.6601395	.0861671	7.66	0.000	.4870461	.8332329
physic_act_2006	-.1576096	.026152	-6.03	0.000	-.2101351	-.105084
2.srh_2006	.3241805	.0420091	7.72	0.000	.2398058	.4085552
bmibr_2006						
2	-.2201934	.0487879	-4.51	0.000	-.3181818	-.122205
3	-.1399369	.0547842	-2.55	0.014	-.2499684	-.0299055
cardiometcondbr_2006	.2754875	.0366191	7.52	0.000	.2019398	.3490353
cesd_2006	-.0047401	.0101175	-0.47	0.641	-.0250609	.0155807

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0013
		Largest FMI	= 0.0083
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.74
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(24, 50.1)	= 92.61
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1501989	.013127	11.44	0.000	.123834	.1765638
AGE2006	.0763743	.0043627	17.51	0.000	.067612	.0851366
SEX	-.4290249	.0349718	-12.27	0.000	-.4992647	-.3587851
NonWhite	-.2084215	.0547318	-3.81	0.000	-.3183499	-.098493
education						
2	-.1267524	.0973004	-1.30	0.199	-.3221758	.0686711
3	.0366458	.0480197	0.76	0.449	-.0597996	.1330912
4	.0090768	.0627017	0.14	0.885	-.1168566	.1350102
5	-.0115824	.0585207	-0.20	0.844	-.1291186	.1059538
totwealth_2006						
2	-.0434722	.0418673	-1.04	0.304	-.1275611	.0406167
3	.0448129	.0976023	0.46	0.648	-.1512167	.2408425
4	-.3706157	.2958987	-1.25	0.216	-.964954	.2237226
5	-1.771611	1.110676	-1.60	0.117	-4.002349	.459127
marital_2006						
2	-.1920541	.1108367	-1.73	0.089	-.4146644	.0305561
3	-.050289	.1377274	-0.37	0.717	-.326908	.22633
4	-.0921728	.1134301	-0.81	0.420	-.3199917	.1356461
work_st_2006	-.0918848	.0501569	-1.83	0.073	-.1926226	.0088529
smoking_2006						
2	.2890514	.0428668	6.74	0.000	.2029549	.3751478
3	.6605436	.0875498	7.54	0.000	.4846722	.836415
physic_act_2006	-.1561982	.0256499	-6.09	0.000	-.2077153	-.1046811
2.srh_2006	.3322781	.042734	7.78	0.000	.2464476	.4181086
bmibr_2006						
2	-.1923126	.0489206	-3.93	0.000	-.2905675	-.0940576
3	-.08088	.0542803	-1.49	0.142	-.1898994	.0281394
cardiometcondbr_2006	.2847991	.0369143	7.72	0.000	.2106585	.3589397
cesd_2006	-.0039969	.0098658	-0.41	0.687	-.0238122	.0158184

```
77 .
78 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marit
> 06 cesd_2006
  3.
79 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0013
Largest FMI = 0.0099
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.65
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(24, 50.1) = 90.62
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0690441	.0271994	-2.54	0.014	-.1236734	-.0144149
AGE2006	.0955065	.0039952	23.91	0.000	.0874822	.1035307
SEX	-.4255832	.0365764	-11.64	0.000	-.4990459	-.3521204
NonWhite	-.160794	.0566751	-2.84	0.007	-.2746256	-.0469624
education						
2	-.1944345	.1130304	-1.72	0.092	-.4214509	.0325819
3	-.0459551	.047111	-0.98	0.334	-.1405754	.0486652
4	-.0892931	.0624252	-1.43	0.159	-.2146711	.0360848
5	-.1504655	.0575619	-2.61	0.012	-.2660759	-.0348552
totwealth_2006						
2	-.1024544	.0420781	-2.43	0.019	-.1869667	-.0179421
3	-.010878	.1028607	-0.11	0.916	-.2174689	.1957128
4	-.4460678	.3169491	-1.41	0.165	-1.082664	.1905285
5	-1.780491	1.072066	-1.66	0.103	-3.933683	.3727005
marital_2006						
2	-.1600408	.1084954	-1.48	0.146	-.3779486	.057867
3	-.0589057	.1366971	-0.43	0.668	-.3334553	.2156439
4	-.0830416	.1114679	-0.74	0.460	-.3069195	.1408363
work_st_2006	-.1316911	.0536777	-2.45	0.018	-.2395002	-.023882
smoking_2006						
2	.2701353	.0429158	6.29	0.000	.1839405	.3563301
3	.6596896	.0789543	8.36	0.000	.501078	.8183013
physic_act_2006	-.1902511	.0248167	-7.67	0.000	-.2400947	-.1404074
2.srh_2006	.3635411	.0445604	8.16	0.000	.2740423	.4530398
bmibr_2006						
2	-.2392642	.0471371	-5.08	0.000	-.3339372	-.1445911
3	-.177062	.0514572	-3.44	0.001	-.2804116	-.0737125
cardiometcondbr_2006	.3104902	.0347402	8.94	0.000	.2407162	.3802643
cesd_2006	.0166487	.0115428	1.44	0.155	-.006535	.0398324

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0010
Largest FMI = 0.0081
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.75
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(24, 50.1) = 83.04
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.3997768	.0648262	6.17	0.000	.2695765	.5299771
AGE2006	.087905	.0040478	21.72	0.000	.0797751	.0960349
SEX	-.4289178	.0359811	-11.92	0.000	-.501185	-.3566506
NonWhite	-.1653855	.056642	-2.92	0.005	-.2791503	-.0516207
education						
2	-.168491	.1037731	-1.62	0.111	-.3769143	.0399324
3	-.0242111	.0476091	-0.51	0.613	-.1198318	.0714096
4	-.0683273	.0615627	-1.11	0.272	-.191973	.0553184
5	-.1268373	.0564297	-2.25	0.029	-.2401738	-.0135008
totwealth_2006						
2	-.0733395	.0425282	-1.72	0.091	-.1587557	.0120767
3	.0083828	.1011252	0.08	0.934	-.1947224	.2114879
4	-.4265689	.3126202	-1.36	0.179	-1.054472	.2013344
5	-1.761352	1.06978	-1.65	0.106	-3.909952	.3872482
marital_2006						
2	-.1692034	.1106541	-1.53	0.133	-.3914468	.05304
3	-.0343419	.1403652	-0.24	0.808	-.3162587	.2475749
4	-.0695571	.1139803	-0.61	0.544	-.2984809	.1593668
work_st_2006	-.1370444	.0526658	-2.60	0.012	-.2428211	-.0312677
smoking_2006						
2	.2691309	.0414504	6.49	0.000	.1858794	.3523825
3	.6647253	.0783861	8.48	0.000	.507263	.8221877
physic_act_2006	-.1782262	.0257083	-6.93	0.000	-.2298606	-.1265918
2.srh_2006	.3368281	.0431715	7.80	0.000	.250119	.4235373
bmibr_2006						
2	-.220717	.0488818	-4.52	0.000	-.3188941	-.1225398
3	-.1475425	.0536843	-2.75	0.008	-.255365	-.03972
cardiometcondbr_2006	.3052392	.0355962	8.58	0.000	.2337459	.3767324
cesd_2006	.0000774	.0102507	0.01	0.994	-.0205109	.0206657

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0010
		Largest FMI	= 0.0079
		Complete DF	= 52
DF adjustment:	**Small sample**	DF: min	= 49.77
		avg	= 50.08
		max	= 50.11
Model F test:	**Equal FMI**	F(24, 50.1)	= 88.91
Within VCE type:	**Linearized**	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.4570605	.0574601	7.95	0.000	.3416545	.5724665
AGE2006	.0888922	.0039351	22.59	0.000	.0809887	.0967958
SEX	-.427039	.0345104	-12.37	0.000	-.4963524	-.3577256
NonWhite	-.165746	.0576246	-2.88	0.006	-.2814841	-.0500079
education						
2	-.1804609	.1030822	-1.75	0.086	-.3874968	.0265749
3	-.0114301	.0450402	-0.25	0.801	-.1018914	.0790312
4	-.0594856	.0610113	-0.97	0.334	-.1820238	.0630526
5	-.1094373	.0574645	-1.90	0.063	-.2248521	.0059774
totwealth_2006						
2	-.0828391	.0398289	-2.08	0.043	-.1628339	-.0028443
3	-.0009654	.1011061	-0.01	0.992	-.2040323	.2021015
4	-.460571	.3063838	-1.50	0.139	-1.075959	.1548171
5	-1.767578	1.070069	-1.65	0.105	-3.916759	.3816026
marital_2006						
2	-.1613979	.1121169	-1.44	0.156	-.3865793	.0637836
3	-.0387654	.1395715	-0.28	0.782	-.3190879	.2415572
4	-.0754472	.1145204	-0.66	0.513	-.3054559	.1545615
work_st_2006	-.1306528	.0521364	-2.51	0.016	-.2353664	-.0259392
smoking_2006						
2	.2829384	.042452	6.66	0.000	.1976755	.3682014
3	.6732208	.0771546	8.73	0.000	.5182333	.8282083
physic_act_2006	-.1705835	.0251878	-6.77	0.000	-.2211724	-.1199946
2.srh_2006	.3386117	.0417618	8.11	0.000	.2547339	.4224895
bmibr_2006						
2	-.2238462	.0479879	-4.66	0.000	-.3202279	-.1274644
3	-.1417931	.0529721	-2.68	0.010	-.2481852	-.035401
cardiometcondbr_2006	.2966893	.0363057	8.17	0.000	.2237711	.3696075
cesd_2006	-.0012119	.0107232	-0.11	0.910	-.0227492	.0203254

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0009
		Largest FMI	= 0.0061
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.87
		avg	= 50.09
		max	= 50.11
Model F test:	Equal FMI	F(24, 50.1)	= 88.48
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4150289	.0673756	6.16	0.000	.2797079	.5503498
AGE2006	.0881507	.0038997	22.60	0.000	.0803182	.0959832
SEX	-.4435561	.0353143	-12.56	0.000	-.5144839	-.3726283
NonWhite	-.1732758	.0568104	-3.05	0.004	-.2873784	-.0591732
education						
2	-.1772056	.1018203	-1.74	0.088	-.3817069	.0272956
3	-.0217271	.0484505	-0.45	0.656	-.1190378	.0755836
4	-.0588422	.0614323	-0.96	0.343	-.1822261	.0645417
5	-.1187614	.0567374	-2.09	0.041	-.2327157	-.004807
totwealth_2006						
2	-.0765194	.0417568	-1.83	0.073	-.1603861	.0073473
3	.0038545	.1016514	0.04	0.970	-.2003076	.2080166
4	-.4550922	.3056237	-1.49	0.143	-1.068948	.1587637
5	-1.755466	1.067014	-1.65	0.106	-3.898511	.3875794
marital_2006						
2	-.1664512	.108963	-1.53	0.133	-.3852982	.0523958
3	-.0260424	.1358272	-0.19	0.849	-.2988448	.24676
4	-.0795133	.1118506	-0.71	0.480	-.3041599	.1451333
work_st_2006	-.1353291	.0519016	-2.61	0.012	-.239571	-.0310871
smoking_2006						
2	.2677388	.0421417	6.35	0.000	.1830989	.3523786
3	.6256638	.0933257	6.70	0.000	.4382013	.8131263
physic_act_2006	-.1719101	.0249299	-6.90	0.000	-.2219811	-.1218391
2.srh_2006	.3455866	.0432958	7.98	0.000	.258628	.4325453
bmibr_2006						
2	-.2140818	.0479314	-4.47	0.000	-.3103501	-.1178135
3	-.1273868	.0521574	-2.44	0.018	-.2321426	-.022631
cardiometcondbr_2006	.2937174	.0386856	7.59	0.000	.2160192	.3714155
cesd_2006	.0021465	.0110548	0.19	0.847	-.0200569	.0243498

```
80 .
81 .
82 .
83 . ***MODEL 3: MODEL 2 + ALCOHOL (SENSITIVITY ANALYSIS)****
84 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marit
> 06 cesd_2006 alcohol_2006
  3.
85 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,368

Number of strata = 52 — Population size = 20,856,959
Number of PSUs = 104 — Subpop. no. obs = 6,135
Subpop. size = 20,844,531
Average RVI = 0.0017
Largest FMI = 0.0123
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.51
avg = 50.07
max = 50.11
Model F test: Equal FMI — F(25, 50.1) = 88.02
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0336243	.0094587	-3.55	0.001	-.0526219	-.0146268
AGE2006	.0943386	.0039368	23.96	0.000	.0864316	.1022455
SEX	-.4322554	.0362898	-11.91	0.000	-.5051427	-.3593681
NonWhite	-.177906	.0578686	-3.07	0.003	-.2941351	-.0616769
education						
2	-.2141609	.1181029	-1.81	0.076	-.451365	.0230432
3	-.0416844	.046002	-0.91	0.369	-.1340774	.0507086
4	-.0858101	.0634858	-1.35	0.183	-.2133183	.0416981
5	-.1532561	.0614983	-2.49	0.016	-.2767727	-.0297396
totwealth_2006						
2	-.0945632	.0437761	-2.16	0.036	-.182486	-.0066405
3	.0465865	.1026314	0.45	0.652	-.159544	.2527171
4	-.4152041	.3096991	-1.34	0.186	-1.037239	.206831
5	-1.800435	1.07062	-1.68	0.099	-3.950722	.3498523
marital_2006						
2	-.1954084	.1081116	-1.81	0.077	-.4125454	.0217286
3	-.0778376	.1335201	-0.58	0.563	-.3460063	.1903311
4	-.1170379	.1105474	-1.06	0.295	-.3390669	.1049912
work_st_2006	-.1336405	.0584266	-2.29	0.026	-.2509875	-.0162935
smoking_2006						
2	.2865782	.0448643	6.39	0.000	.1964703	.376686
3	.6717414	.0691517	9.71	0.000	.5328121	.8106708
physic_act_2006	-.1810509	.0253601	-7.14	0.000	-.2319859	-.1301159
2.srh_2006	.3620858	.0435456	8.32	0.000	.2746254	.4495461
bmibr_2006						
2	-.234806	.0476445	-4.93	0.000	-.3304982	-.1391138
3	-.166627	.0535719	-3.11	0.003	-.2742237	-.0590303

cardiometcondbr_2006	.3117454	.0349553	8.92	0.000	.2415394	.3819514
cesd_2006	.024032	.0117179	2.05	0.046	.0004969	.0475672
alcohol_2006	-.0345476	.0156675	-2.21	0.032	-.0660155	-.0030797

Multiple-imputation estimates
Survey: Cox regression

Number of strata = 52
Number of PSUs = 104

DF adjustment: Small sample

Model F test: Equal FMI
Within VCE type: Linearized

Imputations = 5
Number of obs = 6,368

Population size = 20,856,959
Subpop. no. obs = 6,135
Subpop. size = 20,844,531
Average RVI = 0.0016
Largest FMI = 0.0092
Complete DF = 52
DF: min = 49.69
avg = 50.08
max = 50.11
F(25, 50.1) = 86.22
Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.1018127	.0099026	10.28	0.000	.0819237	.1217017
AGE2006	.0740528	.0045399	16.31	0.000	.0649347	.083171
SEX	-.3916851	.034419	-11.38	0.000	-.4608149	-.3225553
NonWhite	-.2541656	.0577012	-4.40	0.000	-.3700579	-.1382734
education						
2	-.2022357	.1058861	-1.91	0.062	-.414903	.0104317
3	-.0148023	.046897	-0.32	0.754	-.1089927	.0793881
4	-.0487599	.0637137	-0.77	0.448	-.1767258	.079206
5	-.0643732	.0591758	-1.09	0.282	-.1832251	.0544787
totwealth_2006						
2	-.0442253	.0456833	-0.97	0.338	-.1359783	.0475278
3	.0796828	.0986836	0.81	0.423	-.1185186	.2778842
4	-.3639712	.2925284	-1.24	0.219	-.9515326	.2235902
5	-1.733602	1.107583	-1.57	0.124	-3.958129	.4909242
marital_2006						
2	-.2418458	.1090429	-2.22	0.031	-.4608532	-.0228385
3	-.0924776	.1333689	-0.69	0.491	-.3603427	.1753874
4	-.1357716	.1126934	-1.20	0.234	-.3621107	.0905676
work_st_2006	-.0921426	.0555018	-1.66	0.103	-.2036154	.0193302
smoking_2006						
2	.2908232	.0449105	6.48	0.000	.2006222	.3810241
3	.6788199	.0792255	8.57	0.000	.5196663	.8379734
physic_act_2006	-.1599623	.0257286	-6.22	0.000	-.2116374	-.1082873
2.srh_2006	.3142868	.0407729	7.71	0.000	.2323952	.3961784
bmibr_2006						
2	-.2067631	.0485424	-4.26	0.000	-.3042584	-.1092678
3	-.1241795	.0545107	-2.28	0.027	-.2336617	-.0146973
cardiometcondbr_2006	.2890145	.0374812	7.71	0.000	.2137352	.3642937
cesd_2006	-.0007056	.0105106	-0.07	0.947	-.0218158	.0204046
alcohol_2006	-.0231921	.0150468	-1.54	0.130	-.0534132	.007029

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,368

Number of strata = 52 — Population size = 20,856,959
Number of PSUs = 104 — Subpop. no. obs = 6,135
Subpop. size = 20,844,531
Average RVI = 0.0017
Largest FMI = 0.0089
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.71
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(25, 50.1) = 81.19
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1039898	.0088606	11.74	0.000	.0861937	.121786
AGE2006	.074087	.0044277	16.73	0.000	.0651941	.0829799
SEX	-.3861222	.0351516	-10.98	0.000	-.4567233	-.315521
NonWhite	-.2283408	.0565662	-4.04	0.000	-.3419536	-.114728
education						
2	-.1622265	.1001598	-1.62	0.112	-.3633929	.0389398
3	.0117278	.046471	0.25	0.802	-.0816072	.1050627
4	-.0329463	.0632837	-0.52	0.605	-.1600486	.094156
5	-.0596178	.0601922	-0.99	0.327	-.180511	.0612754
totwealth_2006						
2	-.0421547	.0445986	-0.95	0.349	-.1317292	.0474198
3	.0926356	.100333	0.92	0.360	-.1088786	.2941499
4	-.3607129	.2948505	-1.22	0.227	-.9529422	.2315165
5	-1.740282	1.121068	-1.55	0.127	-3.991892	.5113286
marital_2006						
2	-.2068282	.1100025	-1.88	0.066	-.4277629	.0141065
3	-.0778922	.1323658	-0.59	0.559	-.3437426	.1879583
4	-.1241613	.1132914	-1.10	0.278	-.3517016	.1033791
work_st_2006	-.1022593	.0560874	-1.82	0.074	-.2149082	.0103896
smoking_2006						
2	.2998445	.0461363	6.50	0.000	.2071817	.3925073
3	.66531	.0826804	8.05	0.000	.4992175	.8314025
physic_act_2006	-.1480621	.0265723	-5.57	0.000	-.2014316	-.0946926
2.srh_2006	.3170114	.0406653	7.80	0.000	.2353357	.3986872
bmibr_2006						
2	-.2121141	.0496736	-4.27	0.000	-.3118813	-.1123468
3	-.1257058	.0569591	-2.21	0.032	-.2401056	-.0113061
cardiometcondbr_2006	.2723853	.038227	7.13	0.000	.1956083	.3491624
cesd_2006	-.0026715	.0102742	-0.26	0.796	-.023307	.0179641
alcohol_2006	-.0203471	.0146653	-1.39	0.171	-.0498021	.0091079

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,368

Number of strata	= 52	Population size	= 20,856,959
Number of PSUs	= 104	Subpop. no. obs	= 6,135
		Subpop. size	= 20,844,531
		Average RVI	= 0.0017
		Largest FMI	= 0.0093
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.69
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(25, 50.1)	= 81.53
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1532352	.0130972	11.70	0.000	.1269301	.1795403
AGE2006	.0748787	.004354	17.20	0.000	.0661339	.0836234
SEX	-.432838	.0342964	-12.62	0.000	-.5017215	-.3639544
NonWhite	-.2190675	.0561118	-3.90	0.000	-.3317678	-.1063672
education						
2	-.1352576	.1008241	-1.34	0.186	-.3377581	.0672429
3	.040275	.0478695	0.84	0.404	-.0558687	.1364187
4	.0071105	.0642108	0.11	0.912	-.1218539	.1360748
5	-.0183322	.0609379	-0.30	0.765	-.1407232	.1040589
totwealth_2006						
2	-.0391087	.0449366	-0.87	0.388	-.1293622	.0511447
3	.0873474	.0982493	0.89	0.378	-.1099819	.2846766
4	-.3600763	.2908606	-1.24	0.222	-.9442976	.224145
5	-1.77705	1.108652	-1.60	0.115	-4.003724	.4496238
marital_2006						
2	-.2367375	.1092996	-2.17	0.035	-.4562605	-.0172145
3	-.0782488	.1325738	-0.59	0.558	-.3445168	.1880192
4	-.1346795	.1127932	-1.19	0.238	-.3612193	.0918603
work_st_2006	-.0953885	.0541742	-1.76	0.084	-.2041949	.013418
smoking_2006						
2	.2976572	.0458495	6.49	0.000	.2055703	.389744
3	.6622717	.0833969	7.94	0.000	.4947381	.8298053
physic_act_2006	-.1488887	.0261209	-5.70	0.000	-.2013517	-.0964257
2.srh_2006	.3259709	.0414778	7.86	0.000	.2426633	.4092784
bmibr_2006						
2	-.1838801	.0497844	-3.69	0.001	-.2838699	-.0838902
3	-.0655463	.0562126	-1.17	0.249	-.1784467	.0473541
cardiometcondbr_2006	.2825795	.0385261	7.33	0.000	.2052016	.3599574
cesd_2006	-.001978	.0100856	-0.20	0.845	-.0222347	.0182788
alcohol_2006	-.0123581	.0145247	-0.85	0.399	-.0415307	.0168144

```
86 .
87 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
     2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marit
   > 06 cesd_2006 alcohol_2006
     3.
88 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,368

Number of strata = 52 — Population size = 20,856,959
Number of PSUs = 104 — Subpop. no. obs = 6,135
Subpop. size = 20,844,531
Average RVI = 0.0017
Largest FMI = 0.0105
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.62
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(25, 50.1) = 76.81
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0717367	.0272063	-2.64	0.011	-.1263797	-.0170936
AGE2006	.094296	.004037	23.36	0.000	.0861878	.1024042
SEX	-.4363396	.0362432	-12.04	0.000	-.5091333	-.3635458
NonWhite	-.1736854	.0579641	-3.00	0.004	-.2901062	-.0572646
education						
2	-.2122061	.1173704	-1.81	0.077	-.4479392	.0235269
3	-.0452725	.0459331	-0.99	0.329	-.1375272	.0469821
4	-.0893716	.0633431	-1.41	0.164	-.2165932	.0378501
5	-.1547284	.0614228	-2.52	0.015	-.2780933	-.0313635
totwealth_2006						
2	-.0948391	.0440093	-2.15	0.036	-.1832302	-.006448
3	.0438713	.1021714	0.43	0.669	-.1613353	.2490779
4	-.4247902	.3105413	-1.37	0.177	-1.048518	.1989371
5	-1.792845	1.070571	-1.67	0.100	-3.943035	.3573448
marital_2006						
2	-.1968129	.1081985	-1.82	0.075	-.4141243	.0204986
3	-.0784174	.1337736	-0.59	0.560	-.3470952	.1902604
4	-.1200137	.1108784	-1.08	0.284	-.3427077	.1026803
work_st_2006	-.1339579	.0581893	-2.30	0.026	-.2508284	-.0170875
smoking_2006						
2	.2857393	.0457796	6.24	0.000	.193793	.3776856
3	.6659146	.0753096	8.84	0.000	.5146222	.8172069
physic_act_2006	-.180684	.0252537	-7.15	0.000	-.2314052	-.1299628
2.srh_2006	.3560503	.0434801	8.19	0.000	.2687215	.4433791
bmibr_2006						
2	-.2319915	.0479299	-4.84	0.000	-.3282568	-.1357261
3	-.1664968	.0532693	-3.13	0.003	-.2734858	-.0595077
cardiometcondbr_2006	.3079033	.0362307	8.50	0.000	.2351357	.3806709
cesd_2006	.0188964	.0118584	1.59	0.117	-.004921	.0427139
alcohol_2006	-.0346146	.0157249	-2.20	0.032	-.0661976	-.0030315

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,368

Number of strata = 52 — Population size = 20,856,959
Number of PSUs = 104 — Subpop. no. obs = 6,135
Subpop. size = 20,844,531
Average RVI = 0.0012
Largest FMI = 0.0086
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.73
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(25, 50.1) = 70.99
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.4153674	.0656148	6.33	0.000	.2835832	.5471516
AGE2006	.0862333	.0040653	21.21	0.000	.0780683	.0943984
SEX	-.4405806	.0357616	-12.32	0.000	-.5124072	-.368754
NonWhite	-.1782396	.0578024	-3.08	0.003	-.2943352	-.062144
education						
2	-.1820923	.107213	-1.70	0.096	-.3974244	.0332399
3	-.0201807	.0467286	-0.43	0.668	-.1140331	.0736716
4	-.0660327	.0629779	-1.05	0.299	-.1925207	.0604554
5	-.1274451	.0604594	-2.11	0.040	-.2488751	-.0060152
totwealth_2006						
2	-.0647881	.0446203	-1.45	0.153	-.1544063	.02483
3	.0608285	.100625	0.60	0.548	-.1412722	.2629292
4	-.4066296	.3053799	-1.33	0.189	-1.019992	.2067326
5	-1.776621	1.068355	-1.66	0.103	-3.922361	.3691178
marital_2006						
2	-.2133027	.1078921	-1.98	0.054	-.4299988	.0033935
3	-.0581529	.134126	-0.43	0.666	-.3275385	.2112326
4	-.1121438	.111625	-1.00	0.320	-.3363374	.1120497
work_st_2006	-.1405986	.0566867	-2.48	0.017	-.2544512	-.0267459
smoking_2006						
2	.2834854	.0446725	6.35	0.000	.1937627	.373208
3	.6718943	.0748632	8.97	0.000	.521507	.8222817
physic_act_2006	-.1691355	.0261485	-6.47	0.000	-.221654	-.116617
2.srh_2006	.3260029	.0417556	7.81	0.000	.2421376	.4098682
bmibr_2006						
2	-.2140063	.049365	-4.34	0.000	-.3131539	-.1148587
3	-.138386	.0557034	-2.48	0.016	-.2502637	-.0265083
cardiometcondbr_2006	.3032936	.0372625	8.14	0.000	.2284535	.3781337
cesd_2006	.0023094	.0106084	0.22	0.829	-.0189972	.0236159
alcohol_2006	-.0348866	.015804	-2.21	0.032	-.0666284	-.0031448

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,368

Number of strata = **52** Population size = **20,856,959**
Number of PSUs = **104** Subpop. no. obs = **6,135**
Subpop. size = **20,844,531**
Average RVI = **0.0013**
Largest FMI = **0.0083**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **49.74**
avg = **50.08**
max = **50.11**
Model F test: **Equal FMI** F(**25**, **50.1**) = **77.93**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.468404	.0592245	7.91	0.000	.3494545	.5873536
AGE2006	.087426	.0039534	22.11	0.000	.0794857	.0953662
SEX	-.4373382	.0340735	-12.84	0.000	-.5057743	-.3689021
NonWhite	-.1776106	.0590106	-3.01	0.004	-.2961326	-.0590887
education						
2	-.1959955	.1067579	-1.84	0.072	-.4104136	.0184226
3	-.0087864	.0439802	-0.20	0.842	-.0971189	.079546
4	-.0591105	.0624109	-0.95	0.348	-.1844599	.0662389
5	-.1115279	.0611023	-1.83	0.074	-.234249	.0111932
totwealth_2006						
2	-.0724953	.041734	-1.74	0.089	-.1563164	.0113259
3	.0554118	.1008884	0.55	0.585	-.1472178	.2580415
4	-.4390688	.2993627	-1.47	0.149	-1.040359	.1622211
5	-1.781447	1.068522	-1.67	0.102	-3.927522	.3646275
marital_2006						
2	-.1970208	.1119916	-1.76	0.085	-.4219504	.0279089
3	-.0539234	.1369675	-0.39	0.695	-.329016	.2211693
4	-.1095013	.1142615	-0.96	0.342	-.33899	.1199874
work_st_2006	-.1340645	.0561767	-2.39	0.021	-.2468927	-.0212363
smoking_2006						
2	.2988046	.0449254	6.65	0.000	.2085741	.3890352
3	.6816432	.0734416	9.28	0.000	.5341126	.8291739
physic_act_2006	-.1605517	.0254107	-6.32	0.000	-.2115883	-.1095152
2.srh_2006	.328101	.0406036	8.08	0.000	.2465495	.4096524
bmibr_2006						
2	-.2165097	.0486351	-4.45	0.000	-.3141912	-.1188281
3	-.1318221	.0549435	-2.40	0.020	-.2421736	-.0214706
cardiometcondbr_2006	.2941937	.0378474	7.77	0.000	.218179	.3702083
cesd_2006	.0007392	.0108453	0.07	0.946	-.0210433	.0225217
alcohol_2006	-.0352327	.0148922	-2.37	0.022	-.0651434	-.005322

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,368**

Number of strata = **52**
Number of PSUs = **104**
DF adjustment: **Small sample**
Model F test: **Equal FMI**
Within VCE type: **Linearized**

Population size = **20,856,959**
Subpop. no. obs = **6,135**
Subpop. size = **20,844,531**
Average RVI = **0.0012**
Largest FMI = **0.0063**
Complete DF = **52**
DF: min = **49.86**
avg = **50.09**
max = **50.11**
F(**25**, **50.1**) = **79.05**
Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4152355	.0697631	5.95	0.000	.2751194	.5553516
AGE2006	.0868669	.0039319	22.09	0.000	.0789698	.0947641
SEX	-.4520909	.0348502	-12.97	0.000	-.5220866	-.3820951
NonWhite	-.1863178	.058425	-3.19	0.002	-.3036635	-.0689721
education						
2	-.1904068	.1056156	-1.80	0.077	-.4025307	.0217171
3	-.0188893	.0479082	-0.39	0.695	-.1151109	.0773322
4	-.0595951	.0620805	-0.96	0.342	-.1842809	.0650907
5	-.1233959	.0602441	-2.05	0.046	-.2443932	-.0023985
totwealth_2006						
2	-.0692787	.0441716	-1.57	0.123	-.1579957	.0194382
3	.0554038	.101475	0.55	0.587	-.148404	.2592115
4	-.4358783	.2990967	-1.46	0.151	-1.036627	.1648706
5	-1.767467	1.065672	-1.66	0.103	-3.907817	.3728825
marital_2006						
2	-.2045574	.1088284	-1.88	0.066	-.4231339	.0140191
3	-.0489122	.1331426	-0.37	0.715	-.3163228	.2184983
4	-.1172916	.1113303	-1.05	0.297	-.340893	.1063099
work_st_2006	-.137952	.0558213	-2.47	0.017	-.2500665	-.0258375
smoking_2006						
2	.2827911	.0453557	6.23	0.000	.1916963	.373886
3	.6314668	.0902415	7.00	0.000	.4501985	.8127351
physic_act_2006	-.1637385	.0253826	-6.45	0.000	-.2147187	-.1127584
2.srh_2006	.3374531	.0421292	8.01	0.000	.2528376	.4220686
bmibr_2006						
2	-.2069559	.048468	-4.27	0.000	-.3043019	-.10961
3	-.1163485	.0536655	-2.17	0.035	-.2241333	-.0085637
cardiometcondbr_2006	.2903257	.0401112	7.24	0.000	.2097642	.3708871
cesd_2006	.0039232	.0113082	0.35	0.730	-.0187888	.0266353
alcohol_2006	-.0312552	.015567	-2.01	0.050	-.0625211	.0000108

```
89 .
90 . **MODELS 4A-4X: BACKWARD ELIMINATION***
91 .
92 . **FULL MODEL 2**
93 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marit
> 06 cesd_2006
  3.
94 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0014
Largest FMI = 0.0116
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.56
avg = 50.07
max = 50.11
Model F test: Equal FMI — F(24, 50.1) = 100.65
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0331723	.0094551	-3.51	0.001	-.0521625	-.0141821
AGE2006	.0955728	.0038978	24.52	0.000	.0877442	.1034014
SEX	-.4208755	.036606	-11.50	0.000	-.4943977	-.3473532
NonWhite	-.165337	.0565338	-2.92	0.005	-.278885	-.0517889
education						
2	-.1955651	.1139443	-1.72	0.092	-.424417	.0332869
3	-.0425503	.0472169	-0.90	0.372	-.1373834	.0522827
4	-.0858017	.062655	-1.37	0.177	-.2116413	.0400378
5	-.1490251	.0577803	-2.58	0.013	-.2650742	-.032976
totwealth_2006						
2	-.1022632	.0419513	-2.44	0.018	-.1865209	-.0180055
3	-.0076687	.1032702	-0.07	0.941	-.2150821	.1997447
4	-.4366741	.3160649	-1.38	0.173	-1.071494	.1981456
5	-1.788602	1.072139	-1.67	0.102	-3.941941	.3647375
marital_2006						
2	-.1572793	.1084509	-1.45	0.153	-.3750977	.0605392
3	-.0567361	.1364491	-0.42	0.679	-.3307876	.2173154
4	-.0789243	.1111093	-0.71	0.481	-.3020821	.1442335
work_st_2006	-.1315094	.0539466	-2.44	0.018	-.2398586	-.0231601
smoking_2006						
2	.2710476	.0421866	6.42	0.000	.1863175	.3557778
3	.6656367	.0727722	9.15	0.000	.519437	.8118363
physic_act_2006	-.1904071	.0249049	-7.65	0.000	-.2404279	-.1403864
2.srh_2006	.3698405	.0446447	8.28	0.000	.2801725	.4595085
bmibr_2006						
2	-.2419481	.0468469	-5.16	0.000	-.3360382	-.147858
3	-.1767976	.0517413	-3.42	0.001	-.2807177	-.0728776

cardiometcondbr_2006	.3144177	.0334245	9.41	0.000	.2472861	.3815493
cesd_2006	.0219253	.0114666	1.91	0.062	-.0011053	.0449559

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0012
Largest FMI = 0.0083
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.74
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(24, 50.1) = 98.03
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0989917	.0100411	9.86	0.000	.0788247	.1191588
AGE2006	.0758362	.0046027	16.48	0.000	.066592	.0850805
SEX	-.3860905	.034812	-11.09	0.000	-.4560094	-.3161716
NonWhite	-.241155	.0564817	-4.27	0.000	-.354598	-.1277121
education						
2	-.1935758	.1016886	-1.90	0.063	-.3978127	.0106611
3	-.0192099	.0475238	-0.40	0.688	-.1146592	.0762394
4	-.0497702	.0618199	-0.81	0.425	-.1739326	.0743922
5	-.0628626	.0565474	-1.11	0.272	-.1764356	.0507104
totwealth_2006						
2	-.050343	.0425053	-1.18	0.242	-.1357132	.0350272
3	.0324711	.0980034	0.33	0.742	-.164364	.2293062
4	-.3788989	.2985867	-1.27	0.210	-.978626	.2208282
5	-1.724331	1.108974	-1.55	0.126	-3.951652	.5029894
marital_2006						
2	-.1950161	.1110983	-1.76	0.085	-.4181517	.0281194
3	-.0633035	.1397497	-0.45	0.653	-.3439841	.217377
4	-.0905569	.1136779	-0.80	0.429	-.3188735	.1377597
work_st_2006	-.0889333	.0509157	-1.75	0.087	-.1911951	.0133286
smoking_2006						
2	.2789003	.0423117	6.59	0.000	.1939185	.3638821
3	.6723111	.0837318	8.03	0.000	.5041094	.8405128
physic_act_2006	-.1684567	.0253478	-6.65	0.000	-.219367	-.1175465
2.srh_2006	.3220846	.0420249	7.66	0.000	.2376784	.4064908
bmibr_2006						
2	-.2160308	.0478243	-4.52	0.000	-.3120839	-.1199776
3	-.136931	.0526083	-2.60	0.012	-.2425924	-.0312696
cardiometcondbr_2006	.29223	.0356331	8.20	0.000	.2206626	.3637974
cesd_2006	-.0032107	.0102095	-0.31	0.754	-.0237162	.0172949

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0012
Largest FMI = 0.0083
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.75
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(24, 50.1) = 91.28
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1008796	.0087909	11.48	0.000	.0832236	.1185356
AGE2006	.0758126	.0044437	17.06	0.000	.0668875	.0847376
SEX	-.3819454	.0354009	-10.79	0.000	-.4530472	-.3108436
NonWhite	-.2163228	.0552822	-3.91	0.000	-.3273565	-.105289
education						
2	-.1522148	.096643	-1.58	0.122	-.346318	.0418883
3	.0078078	.0469599	0.17	0.869	-.0865089	.1021246
4	-.0321906	.0618267	-0.52	0.605	-.1563665	.0919853
5	-.0561178	.0578496	-0.97	0.337	-.172306	.0600705
totwealth_2006						
2	-.0501995	.0418452	-1.20	0.236	-.1342439	.0338449
3	.039613	.100323	0.39	0.695	-.161881	.241107
4	-.3771513	.3005875	-1.25	0.215	-.9809004	.2265978
5	-1.732967	1.122255	-1.54	0.129	-3.98696	.5210267
marital_2006						
2	-.1620787	.1106131	-1.47	0.149	-.3842397	.0600824
3	-.0523581	.1369064	-0.38	0.704	-.327328	.2226117
4	-.0811307	.113005	-0.72	0.476	-.3080958	.1458343
work_st_2006	-.0992325	.0515678	-1.92	0.060	-.202804	.004339
smoking_2006						
2	.2888327	.0433859	6.66	0.000	.2016937	.3759717
3	.6601395	.0861671	7.66	0.000	.4870461	.8332329
physic_act_2006	-.1576096	.026152	-6.03	0.000	-.2101351	-.105084
2.srh_2006	.3241805	.0420091	7.72	0.000	.2398058	.4085552
bmibr_2006						
2	-.2201934	.0487879	-4.51	0.000	-.3181818	-.122205
3	-.1399369	.0547842	-2.55	0.014	-.2499684	-.0299055
cardiometcondbr_2006	.2754875	.0366191	7.52	0.000	.2019398	.3490353
cesd_2006	-.0047401	.0101175	-0.47	0.641	-.0250609	.0155807

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0013
		Largest FMI	= 0.0083
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.74
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(24, 50.1)	= 92.61
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1501989	.013127	11.44	0.000	.123834	.1765638
AGE2006	.0763743	.0043627	17.51	0.000	.067612	.0851366
SEX	-.4290249	.0349718	-12.27	0.000	-.4992647	-.3587851
NonWhite	-.2084215	.0547318	-3.81	0.000	-.3183499	-.098493
education						
2	-.1267524	.0973004	-1.30	0.199	-.3221758	.0686711
3	.0366458	.0480197	0.76	0.449	-.0597996	.1330912
4	.0090768	.0627017	0.14	0.885	-.1168566	.1350102
5	-.0115824	.0585207	-0.20	0.844	-.1291186	.1059538
totwealth_2006						
2	-.0434722	.0418673	-1.04	0.304	-.1275611	.0406167
3	.0448129	.0976023	0.46	0.648	-.1512167	.2408425
4	-.3706157	.2958987	-1.25	0.216	-.964954	.2237226
5	-1.771611	1.110676	-1.60	0.117	-4.002349	.459127
marital_2006						
2	-.1920541	.1108367	-1.73	0.089	-.4146644	.0305561
3	-.050289	.1377274	-0.37	0.717	-.326908	.22633
4	-.0921728	.1134301	-0.81	0.420	-.3199917	.1356461
work_st_2006	-.0918848	.0501569	-1.83	0.073	-.1926226	.0088529
smoking_2006						
2	.2890514	.0428668	6.74	0.000	.2029549	.3751478
3	.6605436	.0875498	7.54	0.000	.4846722	.836415
physic_act_2006	-.1561982	.0256499	-6.09	0.000	-.2077153	-.1046811
2.srh_2006	.3322781	.042734	7.78	0.000	.2464476	.4181086
bmibr_2006						
2	-.1923126	.0489206	-3.93	0.000	-.2905675	-.0940576
3	-.08088	.0542803	-1.49	0.142	-.1898994	.0281394
cardiometcondbr_2006	.2847991	.0369143	7.72	0.000	.2106585	.3589397
cesd_2006	-.0039969	.0098658	-0.41	0.687	-.0238122	.0158184

```
95 .
96 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
     2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marit
   > 06 cesd_2006
     3.
97 . }
```

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,601**

Number of strata = **52** — Population size = **21,648,399**
Number of PSUs = **104** — Subpop. no. obs = **6,368**
Subpop. size = **21,635,971**
Average RVI = **0.0013**
Largest FMI = **0.0099**
Complete DF = **52**
DF adjustment: **Small sample** — DF: min = **49.65**
avg = **50.08**
max = **50.11**
Model F test: **Equal FMI** — F(**24**, **50.1**) = **90.62**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0690441	.0271994	-2.54	0.014	-.1236734	-.0144149
AGE2006	.0955065	.0039952	23.91	0.000	.0874822	.1035307
SEX	-.4255832	.0365764	-11.64	0.000	-.4990459	-.3521204
NonWhite	-.160794	.0566751	-2.84	0.007	-.2746256	-.0469624
education						
2	-.1944345	.1130304	-1.72	0.092	-.4214509	.0325819
3	-.0459551	.047111	-0.98	0.334	-.1405754	.0486652
4	-.0892931	.0624252	-1.43	0.159	-.2146711	.0360848
5	-.1504655	.0575619	-2.61	0.012	-.2660759	-.0348552
totwealth_2006						
2	-.1024544	.0420781	-2.43	0.019	-.1869667	-.0179421
3	-.010878	.1028607	-0.11	0.916	-.2174689	.1957128
4	-.4460678	.3169491	-1.41	0.165	-1.082664	.1905285
5	-1.780491	1.072066	-1.66	0.103	-3.933683	.3727005
marital_2006						
2	-.1600408	.1084954	-1.48	0.146	-.3779486	.057867
3	-.0589057	.1366971	-0.43	0.668	-.3334553	.2156439
4	-.0830416	.1114679	-0.74	0.460	-.3069195	.1408363
work_st_2006	-.1316911	.0536777	-2.45	0.018	-.2395002	-.023882
smoking_2006						
2	.2701353	.0429158	6.29	0.000	.1839405	.3563301
3	.6596896	.0789543	8.36	0.000	.501078	.8183013
physic_act_2006	-.1902511	.0248167	-7.67	0.000	-.2400947	-.1404074
2.srh_2006	.3635411	.0445604	8.16	0.000	.2740423	.4530398
bmibr_2006						
2	-.2392642	.0471371	-5.08	0.000	-.3339372	-.1445911
3	-.177062	.0514572	-3.44	0.001	-.2804116	-.0737125
cardiometcondbr_2006	.3104902	.0347402	8.94	0.000	.2407162	.3802643
cesd_2006	.0166487	.0115428	1.44	0.155	-.006535	.0398324

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0010
Largest FMI = 0.0081
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.75
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(24, 50.1) = 83.04
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.3997768	.0648262	6.17	0.000	.2695765	.5299771
AGE2006	.087905	.0040478	21.72	0.000	.0797751	.0960349
SEX	-.4289178	.0359811	-11.92	0.000	-.501185	-.3566506
NonWhite	-.1653855	.056642	-2.92	0.005	-.2791503	-.0516207
education						
2	-.168491	.1037731	-1.62	0.111	-.3769143	.0399324
3	-.0242111	.0476091	-0.51	0.613	-.1198318	.0714096
4	-.0683273	.0615627	-1.11	0.272	-.191973	.0553184
5	-.1268373	.0564297	-2.25	0.029	-.2401738	-.0135008
totwealth_2006						
2	-.0733395	.0425282	-1.72	0.091	-.1587557	.0120767
3	.0083828	.1011252	0.08	0.934	-.1947224	.2114879
4	-.4265689	.3126202	-1.36	0.179	-1.054472	.2013344
5	-1.761352	1.06978	-1.65	0.106	-3.909952	.3872482
marital_2006						
2	-.1692034	.1106541	-1.53	0.133	-.3914468	.05304
3	-.0343419	.1403652	-0.24	0.808	-.3162587	.2475749
4	-.0695571	.1139803	-0.61	0.544	-.2984809	.1593668
work_st_2006	-.1370444	.0526658	-2.60	0.012	-.2428211	-.0312677
smoking_2006						
2	.2691309	.0414504	6.49	0.000	.1858794	.3523825
3	.6647253	.0783861	8.48	0.000	.507263	.8221877
physic_act_2006	-.1782262	.0257083	-6.93	0.000	-.2298606	-.1265918
2.srh_2006	.3368281	.0431715	7.80	0.000	.250119	.4235373
bmibr_2006						
2	-.220717	.0488818	-4.52	0.000	-.3188941	-.1225398
3	-.1475425	.0536843	-2.75	0.008	-.255365	-.03972
cardiometcondbr_2006	.3052392	.0355962	8.58	0.000	.2337459	.3767324
cesd_2006	.0000774	.0102507	0.01	0.994	-.0205109	.0206657

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0010
		Largest FMI	= 0.0079
		Complete DF	= 52
DF adjustment:	**Small sample**	DF: min	= 49.77
		avg	= 50.08
		max	= 50.11
Model F test:	**Equal FMI**	F(24, 50.1)	= 88.91
Within VCE type:	**Linearized**	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.4570605	.0574601	7.95	0.000	.3416545	.5724665
AGE2006	.0888922	.0039351	22.59	0.000	.0809887	.0967958
SEX	-.427039	.0345104	-12.37	0.000	-.4963524	-.3577256
NonWhite	-.165746	.0576246	-2.88	0.006	-.2814841	-.0500079
education						
2	-.1804609	.1030822	-1.75	0.086	-.3874968	.0265749
3	-.0114301	.0450402	-0.25	0.801	-.1018914	.0790312
4	-.0594856	.0610113	-0.97	0.334	-.1820238	.0630526
5	-.1094373	.0574645	-1.90	0.063	-.2248521	.0059774
totwealth_2006						
2	-.0828391	.0398289	-2.08	0.043	-.1628339	-.0028443
3	-.0009654	.1011061	-0.01	0.992	-.2040323	.2021015
4	-.460571	.3063838	-1.50	0.139	-1.075959	.1548171
5	-1.767578	1.070069	-1.65	0.105	-3.916759	.3816026
marital_2006						
2	-.1613979	.1121169	-1.44	0.156	-.3865793	.0637836
3	-.0387654	.1395715	-0.28	0.782	-.3190879	.2415572
4	-.0754472	.1145204	-0.66	0.513	-.3054559	.1545615
work_st_2006	-.1306528	.0521364	-2.51	0.016	-.2353664	-.0259392
smoking_2006						
2	.2829384	.042452	6.66	0.000	.1976755	.3682014
3	.6732208	.0771546	8.73	0.000	.5182333	.8282083
physic_act_2006	-.1705835	.0251878	-6.77	0.000	-.2211724	-.1199946
2.srh_2006	.3386117	.0417618	8.11	0.000	.2547339	.4224895
bmibr_2006						
2	-.2238462	.0479879	-4.66	0.000	-.3202279	-.1274644
3	-.1417931	.0529721	-2.68	0.010	-.2481852	-.035401
cardiometcondbr_2006	.2966893	.0363057	8.17	0.000	.2237711	.3696075
cesd_2006	-.0012119	.0107232	-0.11	0.910	-.0227492	.0203254

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata = **52** Population size = **21,648,399**
Number of PSUs = **104** Subpop. no. obs = **6,368**
Subpop. size = **21,635,971**
Average RVI = **0.0009**
Largest FMI = **0.0061**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **49.87**
avg = **50.09**
max = **50.11**
Model F test: **Equal FMI** F(**24**, **50.1**) = **88.48**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4150289	.0673756	6.16	0.000	.2797079	.5503498
AGE2006	.0881507	.0038997	22.60	0.000	.0803182	.0959832
SEX	-.4435561	.0353143	-12.56	0.000	-.5144839	-.3726283
NonWhite	-.1732758	.0568104	-3.05	0.004	-.2873784	-.0591732
education						
2	-.1772056	.1018203	-1.74	0.088	-.3817069	.0272956
3	-.0217271	.0484505	-0.45	0.656	-.1190378	.0755836
4	-.0588422	.0614323	-0.96	0.343	-.1822261	.0645417
5	-.1187614	.0567374	-2.09	0.041	-.2327157	-.004807
totwealth_2006						
2	-.0765194	.0417568	-1.83	0.073	-.1603861	.0073473
3	.0038545	.1016514	0.04	0.970	-.2003076	.2080166
4	-.4550922	.3056237	-1.49	0.143	-1.068948	.1587637
5	-1.755466	1.067014	-1.65	0.106	-3.898511	.3875794
marital_2006						
2	-.1664512	.108963	-1.53	0.133	-.3852982	.0523958
3	-.0260424	.1358272	-0.19	0.849	-.2988448	.24676
4	-.0795133	.1118506	-0.71	0.480	-.3041599	.1451333
work_st_2006	-.1353291	.0519016	-2.61	0.012	-.239571	-.0310871
smoking_2006						
2	.2677388	.0421417	6.35	0.000	.1830989	.3523786
3	.6256638	.0933257	6.70	0.000	.4382013	.8131263
physic_act_2006	-.1719101	.0249299	-6.90	0.000	-.2219811	-.1218391
2.srh_2006	.3455866	.0432958	7.98	0.000	.258628	.4325453
bmibr_2006						
2	-.2140818	.0479314	-4.47	0.000	-.3103501	-.1178135
3	-.1273868	.0521574	-2.44	0.018	-.2321426	-.022631
cardiometcondbr_2006	.2937174	.0386856	7.59	0.000	.2160192	.3714155
cesd_2006	.0021465	.0110548	0.19	0.847	-.0200569	.0243498

```
 98 .
 99 .
100 .
101 . **REMOVE CESD**
102 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marit
> 06
  3.
103 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,943

Number of strata = 52 — Population size = 22,724,824
Number of PSUs = 104 — Subpop. no. obs = 6,710
Subpop. size = 22,712,396
Average RVI = 0.0011
Largest FMI = 0.0088
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.72
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(23, 50.1) = 107.04
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0282746	.0082075	-3.44	0.001	-.044759	-.0117903
AGE2006	.0950547	.0037581	25.29	0.000	.0875067	.1026027
SEX	-.4230137	.0358471	-11.80	0.000	-.4950118	-.3510157
NonWhite	-.1482558	.0536932	-2.76	0.008	-.256098	-.0404137
education						
2	-.180648	.1118406	-1.62	0.113	-.4052746	.0439786
3	-.0496752	.0464226	-1.07	0.290	-.1429129	.0435626
4	-.0985858	.0588906	-1.67	0.100	-.2168647	.0196932
5	-.137865	.0552131	-2.50	0.016	-.2487579	-.026972
totwealth_2006						
2	-.1162209	.039291	-2.96	0.005	-.1951353	-.0373065
3	-.0264307	.1042619	-0.25	0.801	-.235836	.1829745
4	-.4273586	.3075699	-1.39	0.171	-1.045115	.1903979
5	-.7228498	.5796003	-1.25	0.218	-1.88695	.4412499
marital_2006						
2	-.1418926	.1093638	-1.30	0.200	-.3615444	.0777592
3	-.0637988	.1372299	-0.46	0.644	-.3394184	.2118209
4	-.0670656	.111829	-0.60	0.551	-.2916687	.1575376
work_st_2006	-.1425846	.0522652	-2.73	0.009	-.2475569	-.0376123
smoking_2006						
2	.2603156	.04011	6.49	0.000	.179756	.3408751
3	.6368908	.0751516	8.47	0.000	.4859233	.7878582
physic_act_2006	-.2119929	.0232047	-9.14	0.000	-.2585988	-.1653869
2.srh_2006	.409342	.0422435	9.69	0.000	.3244973	.4941866
bmibr_2006						
2	-.2345014	.0457029	-5.13	0.000	-.3262938	-.142709
3	-.1956079	.0529943	-3.69	0.001	-.3020445	-.0891713

cardiometcondbr_2006	.3150488	.034031	9.26	0.000	.2466992	.3833985

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,943

Number of strata = 52 — Population size = 22,724,824
Number of PSUs = 104 — Subpop. no. obs = 6,710
Subpop. size = 22,712,396
Average RVI = 0.0010
Largest FMI = 0.0080
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.76
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(23, 50.1) = 134.56
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0659224	.0084379	7.81	0.000	.0489754	.0828695
AGE2006	.0810877	.0043248	18.75	0.000	.0724016	.0897738
SEX	-.4163309	.0353806	-11.77	0.000	-.4873918	-.3452699
NonWhite	-.2001244	.0518441	-3.86	0.000	-.3042527	-.0959961
education						
2	-.1635906	.1027407	-1.59	0.118	-.3699406	.0427595
3	-.0246931	.047701	-0.52	0.607	-.1204984	.0711121
4	-.0782649	.0594504	-1.32	0.194	-.1976681	.0411383
5	-.0635001	.0548633	-1.16	0.253	-.1736905	.0466902
totwealth_2006						
2	-.0878128	.0389154	-2.26	0.028	-.1659728	-.0096528
3	-.0020023	.1013121	-0.02	0.984	-.2054828	.2014782
4	-.3985388	.2969808	-1.34	0.186	-.9950362	.1979585
5	-.7812625	.5254136	-1.49	0.143	-1.836531	.2740064
marital_2006						
2	-.1668859	.1102711	-1.51	0.136	-.3883601	.0545884
3	-.0815493	.1373269	-0.59	0.555	-.3573638	.1942651
4	-.080983	.1129314	-0.72	0.477	-.3078002	.1458342
work_st_2006	-.1054631	.049613	-2.13	0.038	-.2051085	-.0058178
smoking_2006						
2	.2599778	.0397437	6.54	0.000	.1801537	.3398018
3	.653874	.0820088	7.97	0.000	.4891353	.8186128
physic_act_2006	-.1824013	.0238	-7.66	0.000	-.2302029	-.1345997
2.srh_2006	.3408532	.0401504	8.49	0.000	.2602123	.4214941
bmibr_2006						
2	-.2171938	.0453095	-4.79	0.000	-.3081961	-.1261915
3	-.1575796	.053867	-2.93	0.005	-.265769	-.0493902
cardiometcondbr_2006	.2956814	.0364905	8.10	0.000	.2223921	.3689708

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,943

Number of strata	= 52	Population size	= 22,724,824
Number of PSUs	= 104	Subpop. no. obs	= 6,710
		Subpop. size	= 22,712,396
		Average RVI	= 0.0011
		Largest FMI	= 0.0081
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.76
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(23, 50.1)	= 107.89
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1097658	.0084131	13.05	0.000	.0928685	.126663
AGE2006	.0737564	.004187	17.62	0.000	.0653469	.0821658
SEX	-.3894698	.034474	-11.30	0.000	-.4587099	-.3202298
NonWhite	-.2123992	.0533545	-3.98	0.000	-.319561	-.1052374
education						
2	-.1336186	.0911009	-1.47	0.149	-.3165905	.0493533
3	.020375	.046595	0.44	0.664	-.073209	.113959
4	-.0280355	.0576131	-0.49	0.629	-.1437487	.0876778
5	-.014396	.0566453	-0.25	0.800	-.1281656	.0993735
totwealth_2006						
2	-.065685	.0393132	-1.67	0.101	-.1446441	.0132741
3	.0248238	.1034458	0.24	0.811	-.1829422	.2325898
4	-.3642822	.2912371	-1.25	0.217	-.949253	.2206885
5	-.8155949	.5211576	-1.56	0.124	-1.862317	.2311268
marital_2006						
2	-.14712	.1116628	-1.32	0.194	-.3713893	.0771492
3	-.0716798	.1370166	-0.52	0.603	-.346871	.2035115
4	-.0785439	.1146692	-0.68	0.497	-.3088514	.1517636
work_st_2006	-.1004113	.0500756	-2.01	0.050	-.2009858	.0001632
smoking_2006						
2	.2813412	.0411096	6.84	0.000	.1987739	.3639085
3	.6515819	.0851334	7.65	0.000	.4805659	.822598
physic_act_2006	-.1624444	.0241342	-6.73	0.000	-.210917	-.1139717
2.srh_2006	.3238537	.0395335	8.19	0.000	.2444519	.4032556
bmibr_2006						
2	-.2135147	.0474363	-4.50	0.000	-.3087885	-.1182408
3	-.1452941	.0560661	-2.59	0.012	-.2579003	-.0326879
cardiometcondbr_2006	.2687361	.0368731	7.29	0.000	.1946783	.3427939

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,943

Number of strata	= 52	Population size	= 22,724,824
Number of PSUs	= 104	Subpop. no. obs	= 6,710
		Subpop. size	= 22,712,396
		Average RVI	= 0.0011
		Largest FMI	= 0.0081
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.75
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(23, 50.1)	= 121.51
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.151828	.0105469	14.40	0.000	.1306451	.1730109
AGE2006	.0759385	.0040607	18.70	0.000	.0677828	.0840942
SEX	-.4306306	.0347036	-12.41	0.000	-.5003316	-.3609296
NonWhite	-.2001591	.0512751	-3.90	0.000	-.3031446	-.0971736
education						
2	-.1127853	.0941545	-1.20	0.237	-.3018903	.0763196
3	.0449817	.0475169	0.95	0.348	-.0504537	.1404172
4	.004478	.0583436	0.08	0.939	-.1127023	.1216584
5	.0246339	.05682	0.43	0.666	-.0894865	.1387543
totwealth_2006						
2	-.0632149	.038726	-1.63	0.109	-.1409946	.0145648
3	.0231648	.1020421	0.23	0.821	-.1817819	.2281116
4	-.354763	.2890505	-1.23	0.225	-.9353474	.2258214
5	-.9142204	.4822144	-1.90	0.064	-1.882727	.0542861
marital_2006						
2	-.1825534	.111043	-1.64	0.106	-.4055778	.0404711
3	-.0725366	.1374425	-0.53	0.600	-.3485834	.2035101
4	-.0943591	.1138929	-0.83	0.411	-.3231075	.1343894
work_st_2006	-.0973081	.0497797	-1.95	0.056	-.1972884	.0026722
smoking_2006						
2	.281272	.0405754	6.93	0.000	.1997775	.3627664
3	.6561389	.0856534	7.66	0.000	.4840779	.8282
physic_act_2006	-.1610104	.0233608	-6.89	0.000	-.2079298	-.114091
2.srh_2006	.3316825	.039829	8.33	0.000	.2516872	.4116779
bmibr_2006						
2	-.1868472	.0470226	-3.97	0.000	-.28129	-.0924044
3	-.0850676	.0552497	-1.54	0.130	-.1960341	.0258989
cardiometcondbr_2006	.2809327	.0374831	7.49	0.000	.2056498	.3562156

```
104 .
105 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marit
> 06
  3.
106 . }
```

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,943**

Number of strata = **52** — Population size = **22,724,824**
Number of PSUs = **104** — Subpop. no. obs = **6,710**
Subpop. size = **22,712,396**
Average RVI = **0.0010**
Largest FMI = **0.0080**
Complete DF = **52**
DF adjustment: **Small sample** — DF: min = **49.76**
avg = **50.08**
max = **50.11**
Model F test: **Equal FMI** — F(**23**, **50.1**) = **101.64**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0643658	.02332	-2.76	0.008	-.111203	-.0175287
AGE2006	.0950648	.0038387	24.76	0.000	.0873549	.1027746
SEX	-.426691	.0359747	-11.86	0.000	-.4989452	-.3544367
NonWhite	-.1453023	.053743	-2.70	0.009	-.2532446	-.0373601
education						
2	-.1800978	.110992	-1.62	0.111	-.4030201	.0428246
3	-.0510786	.0464665	-1.10	0.277	-.1444045	.0422472
4	-.0997099	.0588783	-1.69	0.097	-.2179641	.0185443
5	-.1371856	.0551599	-2.49	0.016	-.2479717	-.0263994
totwealth_2006						
2	-.115876	.0393444	-2.95	0.005	-.1948976	-.0368544
3	-.0271939	.1039775	-0.26	0.795	-.2360279	.1816401
4	-.4352537	.3082812	-1.41	0.164	-1.05444	.1839322
5	-.7100091	.5844396	-1.21	0.230	-1.883829	.4638103
marital_2006						
2	-.1424779	.1094128	-1.30	0.199	-.3622283	.0772724
3	-.0665298	.1373828	-0.48	0.630	-.3424566	.209397
4	-.0710553	.1123102	-0.63	0.530	-.296625	.1545143
work_st_2006	-.1412865	.0521845	-2.71	0.009	-.2460967	-.0364763
smoking_2006						
2	.2597244	.04074	6.38	0.000	.1778996	.3415492
3	.6326081	.0802701	7.88	0.000	.4713619	.7938542
physic_act_2006	-.2108531	.023194	-9.09	0.000	-.2574375	-.1642687
2.srh_2006	.4004205	.0419442	9.55	0.000	.316177	.4846639
bmibr_2006						
2	-.2327706	.046111	-5.05	0.000	-.3253827	-.1401585
3	-.1956325	.0529634	-3.69	0.001	-.3020071	-.0892578
cardiometcondbr_2006	.3120703	.0352132	8.86	0.000	.2413462	.3827943

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,943

Number of strata = 52 — Population size = 22,724,824
Number of PSUs = 104 — Subpop. no. obs = 6,710
Subpop. size = 22,712,396
Average RVI = 0.0009
Largest FMI = 0.0078
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.78
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(23, 50.1) = 99.29
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.4631475	.061034	7.59	0.000	.3405638	.5857313
AGE2006	.0860243	.0038646	22.26	0.000	.0782624	.0937863
SEX	-.4311834	.0356659	-12.09	0.000	-.5028174	-.3595494
NonWhite	-.1552365	.0537912	-2.89	0.006	-.2632754	-.0471976
education						
2	-.1594374	.1004236	-1.59	0.119	-.3611334	.0422587
3	-.0158232	.0478484	-0.33	0.742	-.1119245	.080278
4	-.0665208	.0581477	-1.14	0.258	-.1833077	.0502661
5	-.0956143	.0551084	-1.74	0.089	-.206297	.0150683
totwealth_2006						
2	-.0815084	.0399436	-2.04	0.047	-.1617334	-.0012833
3	.0007269	.1033451	0.01	0.994	-.2068369	.2082907
4	-.4140106	.3043862	-1.36	0.180	-1.025376	.1973544
5	-.8583351	.4768157	-1.80	0.078	-1.815997	.0993271
marital_2006						
2	-.147249	.1120448	-1.31	0.195	-.3722855	.0777876
3	-.0445655	.1407207	-0.32	0.753	-.3271962	.2380653
4	-.0602844	.115752	-0.52	0.605	-.2927666	.1721978
work_st_2006	-.1407592	.0508433	-2.77	0.008	-.2428756	-.0386429
smoking_2006						
2	.2600254	.0387588	6.71	0.000	.1821799	.3378709
3	.6503388	.0760578	8.55	0.000	.4975552	.8031224
physic_act_2006	-.1907637	.024053	-7.93	0.000	-.2390733	-.1424541
2.srh_2006	.3482384	.040292	8.64	0.000	.2673132	.4291635
bmibr_2006						
2	-.2131017	.0478515	-4.45	0.000	-.3092095	-.1169939
3	-.1557505	.0551834	-2.82	0.007	-.2665839	-.0449171
cardiometcondbr_2006	.3036302	.0359131	8.45	0.000	.2315004	.37576

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,943

Number of strata = **52** Population size = **22,724,824**
Number of PSUs = **104** Subpop. no. obs = **6,710**
Subpop. size = **22,712,396**
Average RVI = **0.0009**
Largest FMI = **0.0077**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **49.78**
avg = **50.08**
max = **50.11**
Model F test: **Equal FMI** F(**23**, **50.1**) = **114.74**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.5091818	.0559348	9.10	0.000	.3968395	.6215242
AGE2006	.0873753	.0036934	23.66	0.000	.0799573	.0947932
SEX	-.4360879	.0334346	-13.04	0.000	-.5032406	-.3689352
NonWhite	-.1557398	.0562266	-2.77	0.008	-.2686697	-.0428099
education						
2	-.1551759	.0991729	-1.56	0.124	-.35436	.0440081
3	-.0022582	.0450877	-0.05	0.960	-.092815	.0882986
4	-.0560676	.0572266	-0.98	0.332	-.1710045	.0588693
5	-.0772119	.0570454	-1.35	0.182	-.1917848	.0373611
totwealth_2006						
2	-.0970906	.0369162	-2.63	0.011	-.1712353	-.022946
3	-.014298	.1044185	-0.14	0.892	-.2240177	.1954216
4	-.4560942	.2967454	-1.54	0.131	-1.052125	.1399363
5	-.6892057	.5902681	-1.17	0.248	-1.874731	.4963198
marital_2006						
2	-.1399558	.1139667	-1.23	0.225	-.3688524	.0889408
3	-.0519488	.1397116	-0.37	0.712	-.3325529	.2286553
4	-.0657079	.1165198	-0.56	0.575	-.2997322	.1683164
work_st_2006	-.1315209	.0503584	-2.61	0.012	-.2326634	-.0303783
smoking_2006						
2	.2735193	.040506	6.75	0.000	.1921646	.354874
3	.6561806	.0743471	8.83	0.000	.5068338	.8055274
physic_act_2006	-.1812611	.0234856	-7.72	0.000	-.2284312	-.134091
2.srh_2006	.3470319	.0395694	8.77	0.000	.267558	.4265057
bmibr_2006						
2	-.2170511	.047056	-4.61	0.000	-.3115611	-.122541
3	-.1505421	.0542205	-2.78	0.008	-.2594415	-.0416428
cardiometcondbr_2006	.2912871	.0364753	7.99	0.000	.2180281	.3645461

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,943**

Number of strata	= 52	Population size	= 22,724,824
Number of PSUs	= 104	Subpop. no. obs	= 6,710
		Subpop. size	= 22,712,396
		Average RVI	= 0.0007
		Largest FMI	= 0.0053
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.91
		avg	= 50.09
		max	= 50.11
Model F test:	Equal FMI	F(23, 50.1)	= 112.08
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.459743	.0582069	7.90	0.000	.3428372	.5766488
AGE2006	.0869425	.003692	23.55	0.000	.0795272	.0943578
SEX	-.4458159	.0348496	-12.79	0.000	-.5158103	-.3758214
NonWhite	-.1620982	.0545171	-2.97	0.005	-.2715944	-.052602
education						
2	-.164013	.0997422	-1.64	0.106	-.3643404	.0363144
3	-.0131013	.0484629	-0.27	0.788	-.1104368	.0842342
4	-.0546742	.0570084	-0.96	0.342	-.1691729	.0598245
5	-.0864674	.0561482	-1.54	0.130	-.1992383	.0263036
totwealth_2006						
2	-.0888061	.038882	-2.28	0.027	-.1668991	-.0107132
3	-.0062141	.1049663	-0.06	0.953	-.2170338	.2046057
4	-.443085	.2964157	-1.49	0.141	-1.038447	.1522772
5	-.8376643	.4843105	-1.73	0.090	-1.810379	.1350508
marital_2006						
2	-.1520008	.1096414	-1.39	0.172	-.3722103	.0682086
3	-.0370237	.1353511	-0.27	0.786	-.3088699	.2348225
4	-.0742702	.1130513	-0.66	0.514	-.3013284	.1527879
work_st_2006	-.1388046	.0507898	-2.73	0.009	-.2408135	-.0367956
smoking_2006						
2	.2573518	.0398331	6.46	0.000	.1773486	.3373551
3	.6085919	.0947781	6.42	0.000	.4182159	.798968
physic_act_2006	-.1830652	.022973	-7.97	0.000	-.2292057	-.1369246
2.srh_2006	.3588866	.039981	8.98	0.000	.2785861	.4391871
bmibr_2006						
2	-.2052479	.0466583	-4.40	0.000	-.2989592	-.1115367
3	-.1329506	.0527712	-2.52	0.015	-.2389391	-.0269621
cardiometcondbr_2006	.2905866	.0389096	7.47	0.000	.2124385	.3687348

```
107 .
108 . **REMOVE CARDIOMETABOLIC FACTORS**
109 .
110 .
111 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
      2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marit
      3.
112 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0019
Largest FMI = 0.0165
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.25
avg = 50.05
max = 50.11
Model F test: Equal FMI — F(23, 50.1) = 103.98
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0273131	.0087411	-3.12	0.003	-.0448694	-.0097568
AGE2006	.0957752	.0036672	26.12	0.000	.0884098	.1031406
SEX	-.4462426	.035859	-12.44	0.000	-.5182649	-.3742203
NonWhite	-.1763438	.0556648	-3.17	0.003	-.2881467	-.0645409
education						
2	-.1812211	.1157572	-1.57	0.124	-.4137142	.0512721
3	-.038523	.049607	-0.78	0.441	-.1381564	.0611104
4	-.0969961	.0635337	-1.53	0.133	-.2246006	.0306083
5	-.1429459	.0607943	-2.35	0.023	-.2650485	-.0208433
totwealth_2006						
2	-.1221393	.0441014	-2.77	0.008	-.2107155	-.0335632
3	-.0417414	.1013705	-0.41	0.682	-.2453397	.1618569
4	-.4667511	.316383	-1.48	0.146	-1.102213	.1687107
5	-1.815945	1.085066	-1.67	0.100	-3.995247	.3633568
marital_2006						
2	-.1253636	.110745	-1.13	0.263	-.3477898	.0970625
3	-.0542111	.1375236	-0.39	0.695	-.3304206	.2219985
4	-.0517587	.1156062	-0.45	0.656	-.2839481	.1804308
work_st_2006	-.1647672	.0550062	-3.00	0.004	-.2752446	-.0542899
smoking_2006						
2	.2828847	.0410792	6.89	0.000	.2003789	.3653905
3	.6327223	.0665915	9.50	0.000	.4989191	.7665254
physic_act_2006	-.2067748	.0249976	-8.27	0.000	-.2569818	-.1565678
2.srh_2006	.4286332	.0451507	9.49	0.000	.3379481	.5193183
bmibr_2006						
2	-.2123088	.043583	-4.87	0.000	-.2998439	-.1247737
3	-.1131842	.0463741	-2.44	0.018	-.2063246	-.0200439
cesd_2006	.021297	.0104546	2.04	0.047	.0002987	.0422954

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0016
Largest FMI = 0.0122
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.52
avg = 50.07
max = 50.11
Model F test: Equal FMI — F(23, 50.1) = 106.85
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.1025471	.0099247	10.33	0.000	.0826137	.1224804
AGE2006	.0756597	.0044726	16.92	0.000	.0666768	.0846427
SEX	-.407163	.0337282	-12.07	0.000	-.4749052	-.3394207
NonWhite	-.2556609	.0557799	-4.58	0.000	-.3676946	-.1436273
education						
2	-.1797561	.1033635	-1.74	0.088	-.3873569	.0278448
3	-.0127566	.0491575	-0.26	0.796	-.1114872	.085974
4	-.0598566	.0623783	-0.96	0.342	-.1851405	.0654273
5	-.0534548	.0595932	-0.90	0.374	-.1731452	.0662357
totwealth_2006						
2	-.066778	.0442863	-1.51	0.138	-.1557254	.0221694
3	.008514	.0952962	0.09	0.929	-.182884	.199912
4	-.4070411	.3017439	-1.35	0.183	-1.013112	.1990299
5	-1.773412	1.128993	-1.57	0.123	-4.04094	.4941154
marital_2006						
2	-.1633925	.1142929	-1.43	0.159	-.3929443	.0661594
3	-.0565309	.1406545	-0.40	0.689	-.3390286	.2259668
4	-.0623319	.1184503	-0.53	0.601	-.3002337	.1755698
work_st_2006	-.1170461	.0519934	-2.25	0.029	-.2214726	-.0126197
smoking_2006						
2	.2896815	.0414651	6.99	0.000	.2064004	.3729626
3	.6434884	.0744099	8.65	0.000	.4939956	.7929812
physic_act_2006	-.1849303	.0256262	-7.22	0.000	-.2363998	-.1334607
2.srh_2006	.3776032	.0431429	8.75	0.000	.2909508	.4642557
bmibr_2006						
2	-.1891053	.0446953	-4.23	0.000	-.2788742	-.0993364
3	-.0777009	.0478323	-1.62	0.111	-.1737699	.018368
cesd_2006	-.0017137	.0094142	-0.18	0.856	-.020622	.0171946

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = **52**
Number of PSUs = **104**
Population size = **21,648,399**
Subpop. no. obs = **6,368**
Subpop. size = **21,635,971**
Average RVI = **0.0017**
Largest FMI = **0.0122**
Complete DF = **52**
DF adjustment: **Small sample**
DF: min = **49.52**
avg = **50.07**
max = **50.11**
Model F test: **Equal FMI**
F(**23**, **50.1**) = **100.12**
Within VCE type: **Linearized**
Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1068799	.0086402	12.37	0.000	.0895264	.1242334
AGE2006	.0750986	.0042779	17.55	0.000	.0665066	.0836906
SEX	-.4011324	.0344727	-11.64	0.000	-.4703701	-.3318948
NonWhite	-.2304533	.05463	-4.22	0.000	-.3401776	-.120729
education						
2	-.1379628	.0984017	-1.40	0.167	-.3355981	.0596725
3	.0178593	.0480891	0.37	0.712	-.0787256	.1144441
4	-.039031	.0623774	-0.63	0.534	-.1643131	.0862511
5	-.0435501	.0606506	-0.72	0.476	-.1653642	.078264
totwealth_2006						
2	-.0645862	.0437725	-1.48	0.146	-.1525018	.0233294
3	.0181314	.0979217	0.19	0.854	-.1785399	.2148028
4	-.3999168	.3033575	-1.32	0.193	-1.009232	.2093988
5	-1.785383	1.144098	-1.56	0.125	-4.083249	.5124835
marital_2006						
2	-.1319142	.1134061	-1.16	0.250	-.3596849	.0958564
3	-.0456234	.1375842	-0.33	0.742	-.3219548	.2307079
4	-.0535404	.1171771	-0.46	0.650	-.2888849	.1818042
work_st_2006	-.1260569	.0527707	-2.39	0.021	-.2320445	-.0200693
smoking_2006						
2	.3011287	.0426596	7.06	0.000	.2154486	.3868088
3	.6355055	.0761831	8.34	0.000	.4824504	.7885607
physic_act_2006	-.1723443	.0265586	-6.49	0.000	-.2256865	-.1190021
2.srh_2006	.3750852	.0431486	8.69	0.000	.2884213	.4617491
bmibr_2006						
2	-.1934309	.0456685	-4.24	0.000	-.2851543	-.1017076
3	-.0806687	.049956	-1.61	0.113	-.181003	.0196657
cesd_2006	-.0038064	.0093256	-0.41	0.685	-.0225368	.0149239

Multiple-imputation estimates
Imputations = **5**
Survey: Cox regression
Number of obs = **6,601**

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0018
		Largest FMI	= 0.0126
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.50
		avg	= 50.06
		max	= 50.11
Model F test:	Equal FMI	F(23, 50.1)	= 100.87
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1558825	.0127331	12.24	0.000	.1303087	.1814563
AGE2006	.0761416	.0042404	17.96	0.000	.0676249	.0846584
SEX	-.4515398	.034063	-13.26	0.000	-.5199545	-.3831252
NonWhite	-.2214141	.0539614	-4.10	0.000	-.3297958	-.1130324
education						
2	-.1118546	.0987388	-1.13	0.263	-.310167	.0864578
3	.0462622	.0489976	0.94	0.350	-.0521473	.1446717
4	.001567	.0631303	0.02	0.980	-.1252272	.1283612
5	-.0001329	.0614055	-0.00	0.998	-.1234632	.1231974
totwealth_2006						
2	-.0589156	.0437847	-1.35	0.184	-.1468558	.0290246
3	.0222578	.0950502	0.23	0.816	-.1686462	.2131618
4	-.3980636	.2990252	-1.33	0.189	-.9986848	.2025576
5	-1.825209	1.131718	-1.61	0.113	-4.098208	.4477913
marital_2006						
2	-.1615595	.113668	-1.42	0.161	-.3898564	.0667373
3	-.0436802	.1388669	-0.31	0.754	-.3225878	.2352274
4	-.0634856	.1180078	-0.54	0.593	-.3004987	.1735274
work_st_2006	-.1205317	.0511522	-2.36	0.022	-.2232685	-.0177949
smoking_2006						
2	.3011928	.0419631	7.18	0.000	.2169116	.3854741
3	.6356755	.0769455	8.26	0.000	.4810868	.7902641
physic_act_2006	-.1725912	.0259455	-6.65	0.000	-.2247019	-.1204805
2.srh_2006	.3867761	.044	8.79	0.000	.298402	.4751502
bmibr_2006						
2	-.1648101	.0459306	-3.59	0.001	-.25706	-.0725603
3	-.0201724	.0496966	-0.41	0.687	-.1199858	.079641
cesd_2006	-.0030965	.0090455	-0.34	0.734	-.0212644	.0150715

```
113 .
114 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marit
      3.
115 . }
```

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,601**

Number of strata = **52** — Population size = **21,648,399**
Number of PSUs = **104** — Subpop. no. obs = **6,368**
Subpop. size = **21,635,971**
Average RVI = **0.0019**
Largest FMI = **0.0149**
Complete DF = **52**
DF adjustment: **Small sample** — DF: min = **49.36**
avg = **50.06**
max = **50.11**
Model F test: **Equal FMI** — F(**23**, **50.1**) = **96.59**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.055907	.0266813	-2.10	0.041	-.1094959	-.0023181
AGE2006	.09577	.0037383	25.62	0.000	.0882617	.1032782
SEX	-.449938	.0358876	-12.54	0.000	-.5220176	-.3778584
NonWhite	-.1724481	.0557867	-3.09	0.003	-.2844959	-.0604003
education						
2	-.1803275	.1149325	-1.57	0.123	-.4111643	.0505092
3	-.0408414	.0492338	-0.83	0.411	-.1397254	.0580425
4	-.0997473	.0632622	-1.58	0.121	-.2268063	.0273118
5	-.1440976	.0605896	-2.38	0.021	-.265789	-.0224061
totwealth_2006						
2	-.1223097	.0442301	-2.77	0.008	-.2111445	-.0334749
3	-.044427	.1011842	-0.44	0.662	-.247651	.158797
4	-.473877	.3172743	-1.49	0.142	-1.11113	.1633759
5	-1.81018	1.085321	-1.67	0.102	-3.989995	.3696353
marital_2006						
2	-.1275148	.1108483	-1.15	0.255	-.3501483	.0951188
3	-.0557584	.1378997	-0.40	0.688	-.3327235	.2212066
4	-.0547067	.1159232	-0.47	0.639	-.2875329	.1781195
work_st_2006	-.1641781	.0547829	-3.00	0.004	-.274207	-.0541491
smoking_2006						
2	.2820345	.0417094	6.76	0.000	.1982629	.3658062
3	.6297011	.0698348	9.02	0.000	.4893885	.7700138
physic_act_2006	-.206549	.0249236	-8.29	0.000	-.2566074	-.1564905
2.srh_2006	.4229913	.0450432	9.39	0.000	.332522	.5134607
bmibr_2006						
2	-.2105446	.0438105	-4.81	0.000	-.2985365	-.1225528
3	-.1143139	.046204	-2.47	0.017	-.2071126	-.0215152
cesd_2006	.0166618	.0107362	1.55	0.127	-.004902	.0382256

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0016
Largest FMI = 0.0115
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.56
avg = 50.07
max = 50.11
Model F test: Equal FMI — F(23, 50.1) = 92.34
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.403477	.0613994	6.57	0.000	.2801592	.5267948
AGE2006	.0882613	.0038028	23.21	0.000	.0806235	.095899
SEX	-.451035	.0353134	-12.77	0.000	-.5219613	-.3801087
NonWhite	-.1777937	.0555538	-3.20	0.002	-.2893734	-.066214
education						
2	-.1545647	.1058422	-1.46	0.150	-.3671438	.0580144
3	-.0179306	.0497866	-0.36	0.720	-.1179247	.0820636
4	-.0782746	.0628706	-1.25	0.219	-.2045472	.047998
5	-.1178207	.0603188	-1.95	0.056	-.2389682	.0033269
totwealth_2006						
2	-.0926243	.0445547	-2.08	0.043	-.1821108	-.0031379
3	-.0230912	.0993011	-0.23	0.817	-.2225331	.1763507
4	-.4591424	.3126021	-1.47	0.148	-1.087013	.1687282
5	-1.794973	1.082455	-1.66	0.104	-3.96903	.3790845
marital_2006						
2	-.13339	.1129592	-1.18	0.243	-.3602633	.0934833
3	-.0260447	.141123	-0.18	0.854	-.3094834	.2573941
4	-.0397844	.1188164	-0.33	0.739	-.2784215	.1988526
work_st_2006	-.1678644	.0536189	-3.13	0.003	-.2755555	-.0601734
smoking_2006						
2	.2812078	.0402251	6.99	0.000	.2004174	.3619981
3	.635739	.0704216	9.03	0.000	.4942618	.7772162
physic_act_2006	-.1953422	.0258238	-7.56	0.000	-.2472085	-.1434759
2.srh_2006	.3958086	.0440334	8.99	0.000	.3073676	.4842496
bmibr_2006						
2	-.1932368	.045218	-4.27	0.000	-.2840556	-.1024181
3	-.087037	.0481783	-1.81	0.077	-.1838009	.0097268
cesd_2006	.0021459	.0094451	0.23	0.821	-.0168244	.0211163

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0014
		Largest FMI	= 0.0111
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.58
		avg	= 50.07
		max	= 50.11
Model F test:	Equal FMI	F(23, 50.1)	= 98.94
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.4766359	.0554649	8.59	0.000	.3652372	.5880347
AGE2006	.0889333	.0037093	23.98	0.000	.0814833	.0963832
SEX	-.4483874	.0334747	-13.39	0.000	-.5156208	-.381154
NonWhite	-.1784109	.0564074	-3.16	0.003	-.2917044	-.0651174
education						
2	-.1673405	.1058148	-1.58	0.120	-.3798646	.0451836
3	-.0040332	.0466261	-0.09	0.931	-.0976798	.0896133
4	-.0679748	.0617205	-1.10	0.276	-.1919374	.0559879
5	-.099756	.060466	-1.65	0.105	-.2211991	.0216871
totwealth_2006						
2	-.1017903	.0421185	-2.42	0.019	-.1863838	-.0171968
3	-.0326367	.099808	-0.33	0.745	-.2330965	.1678231
4	-.4861057	.3078835	-1.58	0.121	-1.10451	.132298
5	-1.800698	1.082175	-1.66	0.102	-3.974195	.372798
marital_2006						
2	-.1219783	.1161691	-1.05	0.299	-.3552983	.1113417
3	-.0256668	.1416989	-0.18	0.857	-.3102623	.2589287
4	-.0408885	.1205854	-0.34	0.736	-.2830786	.2013015
work_st_2006	-.1600865	.0529506	-3.02	0.004	-.2664353	-.0537378
smoking_2006						
2	.2955039	.0412391	7.17	0.000	.2126769	.3783309
3	.6434904	.0693284	9.28	0.000	.504211	.7827697
physic_act_2006	-.1866841	.0253588	-7.36	0.000	-.2376164	-.1357518
2.srh_2006	.3951492	.042949	9.20	0.000	.3088863	.4814122
bmibr_2006						
2	-.1954971	.0443605	-4.41	0.000	-.2845937	-.1064006
3	-.0797824	.0472367	-1.69	0.097	-.1746553	.0150904
cesd_2006	.000711	.009836	0.07	0.943	-.0190444	.0204664

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0014
		Largest FMI	= 0.0089
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.71
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(23, 50.1)	= 90.90
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.441782	.0622746	7.09	0.000	.3167059	.566858
AGE2006	.0880758	.0037619	23.41	0.000	.0805202	.0956315
SEX	-.4652555	.0342027	-13.60	0.000	-.5339509	-.3965601
NonWhite	-.187214	.0557941	-3.36	0.002	-.2992758	-.0751522
education						
2	-.1660151	.1039733	-1.60	0.117	-.3748407	.0428104
3	-.0128891	.0488751	-0.26	0.793	-.1110526	.0852743
4	-.0670222	.0617144	-1.09	0.283	-.1909726	.0569282
5	-.1082313	.0596826	-1.81	0.076	-.228101	.0116384
totwealth_2006						
2	-.0938665	.0438351	-2.14	0.037	-.1819076	-.0058253
3	-.0250592	.1000751	-0.25	0.803	-.2260556	.1759372
4	-.4788473	.3071557	-1.56	0.125	-1.095784	.1380895
5	-1.787218	1.078857	-1.66	0.104	-3.954049	.3796143
marital_2006						
2	-.1326267	.1113757	-1.19	0.239	-.3563194	.091066
3	-.0174873	.1374058	-0.13	0.899	-.2934602	.2584856
4	-.0497699	.1167516	-0.43	0.672	-.28426	.1847201
work_st_2006	-.164933	.0527899	-3.12	0.003	-.2709592	-.0589069
smoking_2006						
2	.2812638	.0407795	6.90	0.000	.1993599	.3631676
3	.6042458	.0800491	7.55	0.000	.4434392	.7650524
physic_act_2006	-.187899	.025363	-7.41	0.000	-.2388398	-.1369582
2.srh_2006	.4030314	.0443541	9.09	0.000	.3139467	.4921162
bmibr_2006						
2	-.1867096	.0445516	-4.19	0.000	-.2761898	-.0972294
3	-.0666135	.0473894	-1.41	0.166	-.1617929	.028566
cesd_2006	.0037377	.0098854	0.38	0.707	-.0161169	.0235924

```
116 .
117 .
118 . **REMOVE BMI***
119 .
120 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
      2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marit
      3.
121 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0013
Largest FMI = 0.0095
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.68
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(22, 50.1) = 120.56
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0318277	.0091425	-3.48	0.001	-.05019	-.0134654
AGE2006	.0988619	.003825	25.85	0.000	.0911794	.1065443
SEX	-.396553	.0366342	-10.82	0.000	-.4701321	-.3229738
NonWhite	-.1812517	.0563269	-3.22	0.002	-.2943836	-.0681198
education						
2	-.1885388	.1179499	-1.60	0.116	-.4254356	.0483581
3	-.0378907	.0452217	-0.84	0.406	-.1287165	.0529352
4	-.0834423	.0635033	-1.31	0.195	-.2109855	.044101
5	-.1350037	.0562266	-2.40	0.020	-.2479322	-.0220751
totwealth_2006						
2	-.1097087	.0416575	-2.63	0.011	-.1933761	-.0260413
3	-.0234514	.1044687	-0.22	0.823	-.2332718	.186369
4	-.4443812	.3184341	-1.40	0.169	-1.083966	.1952037
5	-1.779926	1.069733	-1.66	0.102	-3.928432	.3685807
marital_2006						
2	-.1784709	.1096201	-1.63	0.110	-.3986377	.0416959
3	-.0841151	.1377291	-0.61	0.544	-.3607374	.1925073
4	-.109159	.1120904	-0.97	0.335	-.3342872	.1159693
work_st_2006	-.1271273	.0527731	-2.41	0.020	-.2331197	-.0211349
smoking_2006						
2	.260223	.0424845	6.13	0.000	.1748948	.3455512
3	.6986215	.0717578	9.74	0.000	.5544684	.8427746
physic_act_2006	-.1835984	.0244093	-7.52	0.000	-.2326239	-.134573
2.srh_2006	.3694461	.044354	8.33	0.000	.2803622	.4585301
cardiometcondbr_2006	.2977708	.0312205	9.54	0.000	.2350658	.3604758
cesd_2006	.0217735	.0109793	1.98	0.053	-.0002783	.0438253

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0011
Largest FMI = 0.0075
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.79
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(22, 50.1) = 116.98
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.1017285	.0099374	10.24	0.000	.0817696	.1216874
AGE2006	.0779148	.0046724	16.68	0.000	.0685304	.0872992
SEX	-.3621907	.0345417	-10.49	0.000	-.4315669	-.2928145
NonWhite	-.257963	.0560766	-4.60	0.000	-.3705918	-.1453341
education						
2	-.186171	.1057277	-1.76	0.084	-.3985202	.0261782
3	-.0139069	.0451886	-0.31	0.760	-.1046661	.0768523
4	-.0457852	.0622996	-0.73	0.466	-.1709109	.0793406
5	-.0480522	.0547065	-0.88	0.384	-.1579278	.0618234
totwealth_2006						
2	-.0562317	.0424883	-1.32	0.192	-.1415677	.0291043
3	.0209604	.0994033	0.21	0.834	-.1786864	.2206072
4	-.3812503	.295469	-1.29	0.203	-.9747263	.2122256
5	-1.702316	1.106366	-1.54	0.130	-3.924398	.5197662
marital_2006						
2	-.2104035	.1120551	-1.88	0.066	-.4354607	.0146538
3	-.084613	.1405079	-0.60	0.550	-.3668164	.1975903
4	-.113089	.1143519	-0.99	0.327	-.3427593	.1165813
work_st_2006	-.0842873	.0496533	-1.70	0.096	-.1840137	.0154391
smoking_2006						
2	.2697345	.0423884	6.36	0.000	.1845989	.3548701
3	.700351	.0809603	8.65	0.000	.5377202	.8629817
physic_act_2006	-.1636899	.0248675	-6.58	0.000	-.2136356	-.1137442
2.srh_2006	.3217365	.0416154	7.73	0.000	.2381529	.4053202
cardiometcondbr_2006	.2792563	.0334037	8.36	0.000	.2121666	.346346
cesd_2006	-.0030022	.009942	-0.30	0.764	-.0229704	.016966

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0012
		Largest FMI	= 0.0074
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.80
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(22, 50.1)	= 113.38
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1027622	.0087553	11.74	0.000	.0851776	.1203469
AGE2006	.0781871	.0045558	17.16	0.000	.069037	.0873372
SEX	-.3577362	.0353546	-10.12	0.000	-.4287451	-.2867273
NonWhite	-.2318244	.0549687	-4.22	0.000	-.3422282	-.1214205
education						
2	-.1416316	.1006848	-1.41	0.166	-.3438523	.060589
3	.0132757	.0444134	0.30	0.766	-.0759266	.102478
4	-.0280317	.0622837	-0.45	0.655	-.1531256	.0970622
5	-.0416296	.0562165	-0.74	0.462	-.1545378	.0712786
totwealth_2006						
2	-.0566527	.0418858	-1.35	0.182	-.1407786	.0274732
3	.0272238	.102028	0.27	0.791	-.1776946	.2321422
4	-.3834993	.2987701	-1.28	0.205	-.9836094	.2166108
5	-1.711055	1.118834	-1.53	0.132	-3.958177	.5360677
marital_2006						
2	-.1749225	.1126041	-1.55	0.127	-.4010825	.0512375
3	-.0727292	.1381574	-0.53	0.601	-.3502117	.2047534
4	-.1024396	.1145115	-0.89	0.375	-.3324304	.1275511
work_st_2006	-.0947843	.0504347	-1.88	0.066	-.19608	.0065115
smoking_2006						
2	.279639	.0435275	6.42	0.000	.1922158	.3670622
3	.68927	.0833347	8.27	0.000	.5218703	.8566697
physic_act_2006	-.1527099	.0253068	-6.03	0.000	-.2035377	-.1018821
2.srh_2006	.3246645	.0415461	7.81	0.000	.24122	.4081091
cardiometcondbr_2006	.2615082	.0341312	7.66	0.000	.1929573	.3300592
cesd_2006	-.0044093	.0098199	-0.45	0.655	-.0241324	.0153137

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0013
		Largest FMI	= 0.0076
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.78
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(22, 50.1)	= 110.20
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1540473	.0130189	11.83	0.000	.1278995	.1801951
AGE2006	.077595	.0044306	17.51	0.000	.0686963	.0864937
SEX	-.4085732	.0348249	-11.73	0.000	-.478518	-.3386284
NonWhite	-.2217577	.0545218	-4.07	0.000	-.3312642	-.1122512
education						
2	-.1153722	.100526	-1.15	0.257	-.317274	.0865297
3	.0417504	.0455782	0.92	0.364	-.0497913	.1332922
4	.0133112	.0624752	0.21	0.832	-.1121672	.1387896
5	.0012595	.0566472	0.02	0.982	-.1125139	.115033
totwealth_2006						
2	-.0486132	.0416233	-1.17	0.248	-.1322119	.0349855
3	.0349989	.0991637	0.35	0.726	-.1641667	.2341645
4	-.3750742	.2926245	-1.28	0.206	-.9628489	.2127004
5	-1.747585	1.110599	-1.57	0.122	-3.978168	.4829983
marital_2006						
2	-.2025471	.112808	-1.80	0.079	-.4291165	.0240223
3	-.0652213	.1387424	-0.47	0.640	-.3438788	.2134362
4	-.1070153	.1149284	-0.93	0.356	-.3378434	.1238128
work_st_2006	-.0874138	.0491407	-1.78	0.081	-.1861107	.0112832
smoking_2006						
2	.2828811	.0429039	6.59	0.000	.1967103	.3690519
3	.6804183	.0856667	7.94	0.000	.5083333	.8525034
physic_act_2006	-.1544949	.0249217	-6.20	0.000	-.2045494	-.1044404
2.srh_2006	.3340875	.0427672	7.81	0.000	.2481903	.4199846
cardiometcondbr_2006	.2759644	.0348537	7.92	0.000	.2059624	.3459663
cesd_2006	-.0040024	.009672	-0.41	0.681	-.0234284	.0154236

```
122 .
123 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marit
  3.
```

```
124 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0012
Largest FMI = 0.0083
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.74
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(22, 50.1) = 109.87
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0669614	.0262931	-2.55	0.014	-.1197703	-.0141525
AGE2006	.0988221	.0039197	25.21	0.000	.0909494	.1066947
SEX	-.4009103	.0368259	-10.89	0.000	-.4748743	-.3269463
NonWhite	-.1768026	.0564571	-3.13	0.003	-.290196	-.0634092
education						
2	-.1873684	.1171192	-1.60	0.116	-.4225968	.0478599
3	-.0407816	.0449855	-0.91	0.369	-.1311331	.0495698
4	-.0864926	.0632473	-1.37	0.178	-.2135218	.0405366
5	-.1360354	.0560554	-2.43	0.019	-.2486202	-.0234507
totwealth_2006						
2	-.109823	.0418275	-2.63	0.011	-.1938319	-.0258142
3	-.0265292	.1042035	-0.25	0.800	-.2358169	.1827585
4	-.4538365	.3192614	-1.42	0.161	-1.095084	.187411
5	-1.772797	1.06941	-1.66	0.104	-3.920655	.3750619
marital_2006						
2	-.1803157	.1096361	-1.64	0.106	-.4005146	.0398833
3	-.0856485	.1379246	-0.62	0.537	-.3626635	.1913664
4	-.112594	.1123709	-1.00	0.321	-.3382855	.1130976
work_st_2006	-.1272914	.0524838	-2.43	0.019	-.2327026	-.0218802
smoking_2006						
2	.2597157	.0430841	6.03	0.000	.1731832	.3462482
3	.6940245	.0771364	9.00	0.000	.5390716	.8489774
physic_act_2006	-.1833853	.0243038	-7.55	0.000	-.2321988	-.1345718
2.srh_2006	.3635038	.0440866	8.25	0.000	.2749569	.4520507
cardiometcondbr_2006	.2941974	.0322921	9.11	0.000	.2293401	.3590547
cesd_2006	.0168077	.0111169	1.51	0.137	-.0055205	.039136

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0009
		Largest FMI	= 0.0070
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.82
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(22, 50.1)	= 98.09
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.4201945	.0631946	6.65	0.000	.2932713	.5471178
AGE2006	.0903599	.0040372	22.38	0.000	.0822514	.0984684
SEX	-.4047255	.036182	-11.19	0.000	-.4773964	-.3320545
NonWhite	-.1811708	.0563924	-3.21	0.002	-.2944341	-.0679076
education						
2	-.1592027	.1075159	-1.48	0.145	-.3751433	.0567378
3	-.0181364	.0452616	-0.40	0.690	-.1090424	.0727697
4	-.0634923	.0617646	-1.03	0.309	-.1875435	.0605589
5	-.1117025	.0550132	-2.03	0.048	-.222194	-.001211
totwealth_2006						
2	-.0790616	.0423291	-1.87	0.068	-.1640778	.0059547
3	-.0056571	.1027739	-0.06	0.956	-.2120736	.2007593
4	-.434968	.3146563	-1.38	0.173	-1.066968	.1970316
5	-1.751959	1.068861	-1.64	0.107	-3.898714	.3947958
marital_2006						
2	-.185345	.1114623	-1.66	0.103	-.4092116	.0385215
3	-.0563437	.141722	-0.40	0.693	-.3409855	.2282981
4	-.0937169	.1147871	-0.82	0.418	-.3242613	.1368276
work_st_2006	-.1334872	.0518193	-2.58	0.013	-.2375638	-.0294106
smoking_2006						
2	.2606482	.0415183	6.28	0.000	.1772604	.344036
3	.6937906	.0768266	9.03	0.000	.5394656	.8481156
physic_act_2006	-.1729688	.0252742	-6.84	0.000	-.2237312	-.1222063
2.srh_2006	.3364692	.0424849	7.92	0.000	.2511392	.4217992
cardiometcondbr_2006	.2919885	.0327196	8.92	0.000	.2262726	.3577044
cesd_2006	.0002536	.0100285	0.03	0.980	-.0198883	.0203955

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0010
		Largest FMI	= 0.0068
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.83
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(22, 50.1)	= 109.55
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.4716305	.0568063	8.30	0.000	.3575377	.5857233
AGE2006	.0913954	.0039254	23.28	0.000	.0835115	.0992794
SEX	-.40214	.0348506	-11.54	0.000	-.4721369	-.3321431
NonWhite	-.1821123	.0574413	-3.17	0.003	-.2974818	-.0667428
education						
2	-.1713002	.1066544	-1.61	0.115	-.3855106	.0429101
3	-.0057887	.0427167	-0.14	0.893	-.0915834	.080006
4	-.0548211	.061039	-0.90	0.373	-.1774149	.0677727
5	-.095605	.0559248	-1.71	0.094	-.2079274	.0167174
totwealth_2006						
2	-.0891699	.0395895	-2.25	0.029	-.1686838	-.009656
3	-.0148027	.1027252	-0.14	0.886	-.2211214	.1915159
4	-.4719041	.3080073	-1.53	0.132	-1.090563	.1467546
5	-1.756204	1.069331	-1.64	0.107	-3.903903	.3914947
marital_2006						
2	-.1755926	.113832	-1.54	0.129	-.4042187	.0530336
3	-.0588847	.1415523	-0.42	0.679	-.3431856	.2254162
4	-.0979868	.11585	-0.85	0.402	-.330666	.1346924
work_st_2006	-.1264285	.0510255	-2.48	0.017	-.228911	-.023946
smoking_2006						
2	.2747902	.0425171	6.46	0.000	.1893964	.360184
3	.7011806	.0759449	9.23	0.000	.548628	.8537333
physic_act_2006	-.1657904	.0244765	-6.77	0.000	-.2149506	-.1166302
2.srh_2006	.3399696	.0414345	8.20	0.000	.2567493	.4231899
cardiometcondbr_2006	.2829451	.0333502	8.48	0.000	.2159628	.3499274
cesd_2006	-.0010111	.0103979	-0.10	0.923	-.0218949	.0198727

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0009
		Largest FMI	= 0.0053
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.91
		avg	= 50.09
		max	= 50.11
Model F test:	Equal FMI	F(22, 50.1)	= 105.84
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4389244	.0660631	6.64	0.000	.3062396	.5716091
AGE2006	.0902279	.0039054	23.10	0.000	.0823841	.0980717
SEX	-.4207902	.035413	-11.88	0.000	-.4919164	-.3496641
NonWhite	-.1886614	.0566492	-3.33	0.002	-.3024401	-.0748828
education						
2	-.1679227	.1048374	-1.60	0.115	-.3784836	.0426382
3	-.0162428	.0461662	-0.35	0.726	-.1089656	.0764801
4	-.0543753	.0616853	-0.88	0.382	-.1782674	.0695167
5	-.105158	.0552796	-1.90	0.063	-.2161846	.0058686
totwealth_2006						
2	-.082136	.0415336	-1.98	0.053	-.1655546	.0012825
3	-.0091768	.103089	-0.09	0.929	-.2162261	.1978726
4	-.4662215	.3064228	-1.52	0.134	-1.081691	.1492477
5	-1.744548	1.066973	-1.64	0.108	-3.887512	.3984156
marital_2006						
2	-.1807912	.1101114	-1.64	0.107	-.4019447	.0403623
3	-.0443381	.1369183	-0.32	0.747	-.3193319	.2306556
4	-.1013684	.1128934	-0.90	0.374	-.3281093	.1253725
work_st_2006	-.1319471	.0510197	-2.59	0.013	-.2344178	-.0294765
smoking_2006						
2	.2604142	.0422146	6.17	0.000	.175628	.3452004
3	.6521966	.0919772	7.09	0.000	.4674464	.8369468
physic_act_2006	-.1676761	.0243724	-6.88	0.000	-.2166273	-.1187249
2.srh_2006	.3464932	.0428917	8.08	0.000	.2603462	.4326401
cardiometcondbr_2006	.2817076	.0361839	7.79	0.000	.2090339	.3543813
cesd_2006	.0021637	.0107008	0.20	0.841	-.0193285	.023656

```
125 .
126 . **REMOVE SRH***
```

```
127 .
128 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
      2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marit
      3.
129 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0020
Largest FMI = 0.0180
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.15
avg = 50.05
max = 50.11
Model F test: Equal FMI — F(23, 50.1) = 122.51
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0258154	.0088418	-2.92	0.005	-.043574	-.0080569
AGE2006	.095898	.0038511	24.90	0.000	.0881633	.1036327
SEX	-.4333833	.0368468	-11.76	0.000	-.5073892	-.3593773
NonWhite	-.1201762	.0554775	-2.17	0.035	-.2316038	-.0087486
education						
2	-.1972317	.1052302	-1.87	0.067	-.4085821	.0141186
3	-.0800743	.0447847	-1.79	0.080	-.1700223	.0098737
4	-.1297916	.0597003	-2.17	0.034	-.2496967	-.0098864
5	-.1987658	.0560951	-3.54	0.001	-.3114303	-.0861014
totwealth_2006						
2	-.1118128	.0417262	-2.68	0.010	-.1956186	-.028007
3	-.0121669	.1036819	-0.12	0.907	-.220407	.1960732
4	-.4919959	.3143679	-1.57	0.124	-1.123406	.1394144
5	-1.852981	1.068632	-1.73	0.089	-3.999276	.2933148
marital_2006						
2	-.1680993	.1093615	-1.54	0.131	-.3877467	.0515482
3	-.0488239	.1318338	-0.37	0.713	-.313606	.2159582
4	-.0991022	.1116532	-0.89	0.379	-.3233523	.1251479
work_st_2006	-.1553826	.0558179	-2.78	0.008	-.2674902	-.043275
smoking_2006						
2	.2733007	.0428891	6.37	0.000	.187159	.3594423
3	.6842278	.0686974	9.96	0.000	.5461861	.8222695
physic_act_2006	-.2254131	.0248734	-9.06	0.000	-.2753707	-.1754555
bmibr_2006						
2	-.244874	.0446057	-5.49	0.000	-.334463	-.1552851
3	-.1594313	.0494028	-3.23	0.002	-.2586548	-.0602078
cardiometcondbr_2006	.3532686	.0338388	10.44	0.000	.2853047	.4212325
cesd_2006	.0416022	.0110623	3.76	0.000	.0193835	.0638208

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0015
Largest FMI = 0.0122
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.52
avg = 50.07
max = 50.11
Model F test: Equal FMI — F(23, 50.1) = 108.67
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.1041124	.0105746	9.85	0.000	.0828738	.1253509
AGE2006	.075255	.0045722	16.46	0.000	.0660719	.0844382
SEX	-.3886263	.0356038	-10.92	0.000	-.4601356	-.317117
NonWhite	-.2081719	.054087	-3.85	0.000	-.3168061	-.0995377
education						
2	-.1980687	.0944737	-2.10	0.041	-.3878151	-.0083223
3	-.0501258	.0458786	-1.09	0.280	-.142271	.0420193
4	-.0831201	.0596353	-1.39	0.170	-.2028946	.0366544
5	-.100544	.0558993	-1.80	0.078	-.2128153	.0117272
totwealth_2006						
2	-.0555478	.0422099	-1.32	0.194	-.1403249	.0292292
3	.0316218	.0983933	0.32	0.749	-.1659965	.2292401
4	-.4213273	.2963901	-1.42	0.161	-1.016642	.1739873
5	-1.78398	1.10832	-1.61	0.114	-4.009986	.4420262
marital_2006						
2	-.2066395	.1104217	-1.87	0.067	-.4284163	.0151372
3	-.0585937	.1355997	-0.43	0.668	-.3309392	.2137518
4	-.1091584	.1126855	-0.97	0.337	-.3354817	.117165
work_st_2006	-.1074021	.05223	-2.06	0.045	-.2123036	-.0025006
smoking_2006						
2	.28135	.0430375	6.54	0.000	.1949101	.36779
3	.6935912	.0778277	8.91	0.000	.5372319	.8499505
physic_act_2006	-.1979014	.0252753	-7.83	0.000	-.2486663	-.1471366
bmibr_2006						
2	-.2171327	.0454396	-4.78	0.000	-.3083963	-.1258691
3	-.1186502	.0508064	-2.34	0.024	-.2206927	-.0166077
cardiometcondbr_2006	.3268263	.0360417	9.07	0.000	.254438	.3992146
cesd_2006	.0166896	.0098998	1.69	0.098	-.0031938	.0365731

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0017
		Largest FMI	= 0.0126
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.50
		avg	= 50.07
		max	= 50.11
Model F test:	Equal FMI	F(23, 50.1)	= 101.17
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1051228	.0091296	11.51	0.000	.0867864	.1234593
AGE2006	.0754237	.0043939	17.17	0.000	.0665988	.0842487
SEX	-.3845816	.0358738	-10.72	0.000	-.4566332	-.3125299
NonWhite	-.1791623	.0525812	-3.41	0.001	-.2847725	-.0735521
education						
2	-.1585701	.0898289	-1.77	0.084	-.3389877	.0218474
3	-.0231601	.0448442	-0.52	0.608	-.1132277	.0669076
4	-.0664746	.0593043	-1.12	0.268	-.1855844	.0526351
5	-.0958676	.0568754	-1.69	0.098	-.2100994	.0183642
totwealth_2006						
2	-.0562144	.0413427	-1.36	0.180	-.1392499	.0268211
3	.0374689	.1005749	0.37	0.711	-.164531	.2394688
4	-.4195439	.2979468	-1.41	0.165	-1.017989	.1789011
5	-1.792362	1.121757	-1.60	0.116	-4.045357	.4606322
marital_2006						
2	-.1713879	.1098081	-1.56	0.125	-.3919323	.0491565
3	-.046556	.1326601	-0.35	0.727	-.3129976	.2198855
4	-.09964	.112141	-0.89	0.379	-.3248698	.1255899
work_st_2006	-.1175227	.0528854	-2.22	0.031	-.2237405	-.0113049
smoking_2006						
2	.2922203	.0440291	6.64	0.000	.2037891	.3806515
3	.6809308	.0794823	8.57	0.000	.5212456	.840616
physic_act_2006	-.1873292	.0261389	-7.17	0.000	-.2398283	-.13483
bmibr_2006						
2	-.2224578	.0465299	-4.78	0.000	-.3159113	-.1290043
3	-.122406	.0530294	-2.31	0.025	-.2289132	-.0158989
cardiometcondbr_2006	.309251	.0368559	8.39	0.000	.2352275	.3832746
cesd_2006	.015215	.0099203	1.53	0.131	-.0047095	.0351395

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0017
		Largest FMI	= 0.0128
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.48
		avg	= 50.07
		max	= 50.11
Model F test:	Equal FMI	F(23, 50.1)	= 103.57
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1538259	.0133717	11.50	0.000	.1269694	.1806824
AGE2006	.0763436	.004308	17.72	0.000	.0676912	.084996
SEX	-.4335811	.0356449	-12.16	0.000	-.5051729	-.3619894
NonWhite	-.1713348	.0521936	-3.28	0.002	-.2761667	-.0665028
education						
2	-.1312236	.0900459	-1.46	0.151	-.3120769	.0496297
3	.0045662	.0458931	0.10	0.921	-.0876079	.0967404
4	-.0259161	.0600955	-0.43	0.668	-.146615	.0947829
5	-.0523457	.0573937	-0.91	0.366	-.1676185	.0629271
totwealth_2006						
2	-.05017	.041579	-1.21	0.233	-.1336801	.0333402
3	.0429274	.0978909	0.44	0.663	-.1536818	.2395366
4	-.4140428	.2936238	-1.41	0.165	-1.003811	.1757257
5	-1.834442	1.108607	-1.65	0.104	-4.061026	.3921407
marital_2006						
2	-.2023152	.1103285	-1.83	0.073	-.4239048	.0192744
3	-.0440622	.1331846	-0.33	0.742	-.3115572	.2234328
4	-.1107645	.1126153	-0.98	0.330	-.3369468	.1154179
work_st_2006	-.1109574	.0514691	-2.16	0.036	-.2143309	-.007584
smoking_2006						
2	.2915173	.0435567	6.69	0.000	.2040347	.3789999
3	.6823123	.0805791	8.47	0.000	.5204225	.844202
physic_act_2006	-.1871348	.0254639	-7.35	0.000	-.2382785	-.1359912
bmibr_2006						
2	-.1931969	.0464908	-4.16	0.000	-.2865719	-.0998219
3	-.0619874	.0525536	-1.18	0.244	-.1675391	.0435642
cardiometcondbr_2006	.3209351	.037296	8.61	0.000	.2460277	.3958425
cesd_2006	.0169222	.009522	1.78	0.082	-.0022025	.0360468

```
130 .
131 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marit
> 6
  3.
132 . }
```

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,601**

Number of strata = **52** — Population size = **21,648,399**
Number of PSUs = **104** — Subpop. no. obs = **6,368**
Subpop. size = **21,635,971**
Average RVI = **0.0019**
Largest FMI = **0.0159**
Complete DF = **52**
DF adjustment: **Small sample** — DF: min = **49.29**
avg = **50.06**
max = **50.11**
Model F test: **Equal FMI** — F(**23**, **50.1**) = **111.71**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0510958	.0267272	-1.91	0.062	-.1047772	.0025856
AGE2006	.0958658	.0039248	24.43	0.000	.0879829	.1037486
SEX	-.437336	.0369341	-11.84	0.000	-.5115172	-.3631548
NonWhite	-.1163949	.0557121	-2.09	0.042	-.2282936	-.0044962
education						
2	-.1962453	.1046536	-1.88	0.067	-.4064376	.0139471
3	-.0821098	.0446484	-1.84	0.072	-.1717843	.0075646
4	-.1317365	.0595217	-2.21	0.031	-.2512829	-.01219
5	-.1991609	.0558348	-3.57	0.001	-.3113025	-.0870193
totwealth_2006						
2	-.1116783	.0417969	-2.67	0.010	-.195626	-.0277307
3	-.0144487	.1031835	-0.14	0.889	-.2216879	.1927905
4	-.4986476	.3148892	-1.58	0.120	-1.131106	.1338104
5	-1.84409	1.068334	-1.73	0.090	-3.989787	.3016065
marital_2006						
2	-.170181	.1092911	-1.56	0.126	-.3896872	.0493252
3	-.0507484	.1320119	-0.38	0.702	-.3158881	.2143913
4	-.1017094	.1119146	-0.91	0.368	-.3264844	.1230657
work_st_2006	-.1551123	.0555651	-2.79	0.007	-.2667121	-.0435125
smoking_2006						
2	.2727517	.0434443	6.28	0.000	.1854951	.3600084
3	.6803995	.0728971	9.33	0.000	.5339293	.8268697
physic_act_2006	-.2247305	.0247922	-9.06	0.000	-.2745251	-.174936
bmibr_2006						
2	-.2428444	.0447359	-5.43	0.000	-.3326947	-.152994
3	-.1600809	.0491156	-3.26	0.002	-.2587276	-.0614343
cardiometcondbr_2006	.349632	.0349739	10.00	0.000	.2793883	.4198757
cesd_2006	.0368075	.0111723	3.29	0.002	.0143679	.0592471

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0014
Largest FMI = 0.0124
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.51
avg = 50.07
max = 50.11
Model F test: **Equal FMI** — F(23, 50.1) = 97.86
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.4277268	.0645635	6.62	0.000	.2980541	.5573996
AGE2006	.0878921	.0039826	22.07	0.000	.0798932	.095891
SEX	-.4368024	.0363322	-12.02	0.000	-.5097748	-.3638301
NonWhite	-.1281594	.0548564	-2.34	0.024	-.238339	-.0179798
education						
2	-.1725209	.0967185	-1.78	0.081	-.3667757	.0217339
3	-.0564009	.0456417	-1.24	0.222	-.1480701	.0352683
4	-.1056054	.0586813	-1.80	0.078	-.223464	.0122532
5	-.1705408	.0545473	-3.13	0.003	-.2800965	-.060985
totwealth_2006						
2	-.079635	.0421275	-1.89	0.065	-.1642465	.0049766
3	.006495	.101231	0.06	0.949	-.1968227	.2098127
4	-.4706206	.3105294	-1.52	0.136	-1.094324	.1530826
5	-1.828236	1.067553	-1.71	0.093	-3.972365	.3158921
marital_2006						
2	-.1779802	.111261	-1.60	0.116	-.4014427	.0454822
3	-.0228504	.1365024	-0.17	0.868	-.297009	.2513082
4	-.085699	.1139505	-0.75	0.456	-.3145632	.1431651
work_st_2006	-.1592632	.0540337	-2.95	0.005	-.2677874	-.050739
smoking_2006						
2	.2706348	.0418697	6.46	0.000	.1865408	.3547288
3	.6846916	.0726973	9.42	0.000	.5386387	.8307446
physic_act_2006	-.2091162	.0256586	-8.15	0.000	-.2606509	-.1575814
bmibr_2006						
2	-.2224354	.0469224	-4.74	0.000	-.3166773	-.1281936
3	-.1289933	.0516859	-2.50	0.016	-.2328023	-.0251842
cardiometcondbr_2006	.3421476	.035961	9.51	0.000	.2699215	.4143737
cesd_2006	.0205993	.0099111	2.08	0.043	.0006932	.0405055

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = **52** Population size = **21,648,399**
Number of PSUs = **104** Subpop. no. obs = **6,368**
Subpop. size = **21,635,971**
Average RVI = **0.0014**
Largest FMI = **0.0121**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **49.52**
avg = **50.07**
max = **50.11**
Model F test: **Equal FMI** F(**23**, **50.1**) = **101.29**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.4792605	.0565231	8.48	0.000	.3657364	.5927845
AGE2006	.0890271	.0038275	23.26	0.000	.0813397	.0967144
SEX	-.4346914	.0345431	-12.58	0.000	-.5040705	-.3653124
NonWhite	-.1261579	.055924	-2.26	0.028	-.2384813	-.0138345
education						
2	-.1857144	.0955342	-1.94	0.058	-.3775906	.0061618
3	-.0457337	.0425992	-1.07	0.288	-.1312923	.039825
4	-.0985708	.0578309	-1.70	0.094	-.2147214	.0175797
5	-.1539036	.0556363	-2.77	0.008	-.2656466	-.0421605
totwealth_2006						
2	-.0903722	.0394128	-2.29	0.026	-.1695315	-.011213
3	-.0039765	.1015778	-0.04	0.969	-.2079907	.2000378
4	-.5083878	.3037866	-1.67	0.100	-1.118559	.1017834
5	-1.83418	1.067669	-1.72	0.092	-3.978541	.3101804
marital_2006						
2	-.1734884	.1106323	-1.57	0.123	-.3956882	.0487114
3	-.0332273	.134032	-0.25	0.805	-.3024241	.2359695
4	-.0963713	.113058	-0.85	0.398	-.3234429	.1307003
work_st_2006	-.1523363	.0536506	-2.84	0.007	-.260091	-.0445816
smoking_2006						
2	.2869445	.042566	6.74	0.000	.2014521	.3724369
3	.694028	.0717331	9.68	0.000	.5499136	.8381424
physic_act_2006	-.2017153	.0250853	-8.04	0.000	-.2520983	-.1513322
bmibr_2006						
2	-.2272888	.0456899	-4.97	0.000	-.3190552	-.1355224
3	-.1249034	.050941	-2.45	0.018	-.2272162	-.0225905
cardiometcondbr_2006	.3328223	.0366055	9.09	0.000	.2593018	.4063428
cesd_2006	.0197037	.0105982	1.86	0.069	-.0015825	.0409899

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,601**

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0013
		Largest FMI	= 0.0093
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.69
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(23, 50.1)	= 106.97
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4292751	.0671939	6.39	0.000	.2943189	.5642313
AGE2006	.0884737	.0038556	22.95	0.000	.0807299	.0962175
SEX	-.4515176	.0356448	-12.67	0.000	-.5231092	-.379926
NonWhite	-.1353327	.0551206	-2.46	0.018	-.2460425	-.024623
education						
2	-.1817343	.0945958	-1.92	0.060	-.3717257	.0082572
3	-.0542541	.04574	-1.19	0.241	-.1461208	.0376126
4	-.0967013	.0583314	-1.66	0.104	-.2138571	.0204545
5	-.1638303	.0546737	-3.00	0.004	-.2736401	-.0540206
totwealth_2006						
2	-.0836301	.0414702	-2.02	0.049	-.1669213	-.0003388
3	.0027004	.1019057	0.03	0.979	-.2019723	.2073731
4	-.5030665	.3031147	-1.66	0.103	-1.111883	.1057498
5	-1.824891	1.06502	-1.71	0.093	-3.96393	.3141487
marital_2006						
2	-.1799075	.1085397	-1.66	0.104	-.3979043	.0380893
3	-.0203025	.1309043	-0.16	0.877	-.2832175	.2426125
4	-.1016907	.1108944	-0.92	0.364	-.3244168	.1210354
work_st_2006	-.157058	.0535611	-2.93	0.005	-.264633	-.049483
smoking_2006						
2	.2706127	.0423251	6.39	0.000	.1856041	.3556212
3	.6497481	.085247	7.62	0.000	.4784977	.8209985
physic_act_2006	-.2044666	.0246608	-8.29	0.000	-.2539971	-.1549361
bmibr_2006						
2	-.2164753	.0456294	-4.74	0.000	-.30812	-.1248305
3	-.1079263	.0501616	-2.15	0.036	-.2086739	-.0071787
cardiometcondbr_2006	.3320098	.0390371	8.50	0.000	.2536055	.4104141
cesd_2006	.0235881	.0104667	2.25	0.029	.0025661	.0446101

```
133 .
134 . **REMOVE PA***
135 .
136 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
      2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marit
      3.
137 . }
```

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,601**

Number of strata = **52** — Population size = **21,648,399**
Number of PSUs = **104** — Subpop. no. obs = **6,368**
Subpop. size = **21,635,971**
Average RVI = **0.0017**
Largest FMI = **0.0122**
Complete DF = **52**
DF adjustment: **Small sample** — DF: min = **49.52**
avg = **50.07**
max = **50.11**
Model F test: **Equal FMI** — F(**23**, **50.1**) = **111.12**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0326316	.0094378	-3.46	0.001	-.0515872	-.0136761
AGE2006	.099877	.0038263	26.10	0.000	.0921921	.107562
SEX	-.3743295	.0380945	-9.83	0.000	-.4508413	-.2978177
NonWhite	-.163394	.0527785	-3.10	0.003	-.2694	-.0573879
education						
2	-.2013537	.1101434	-1.83	0.073	-.4225717	.0198644
3	-.0536229	.0464737	-1.15	0.254	-.1469632	.0397174
4	-.113723	.0626053	-1.82	0.075	-.2394627	.0120168
5	-.1795292	.0573267	-3.13	0.003	-.2946672	-.0643912
totwealth_2006						
2	-.118626	.043152	-2.75	0.008	-.2052952	-.0319568
3	-.0417907	.1036804	-0.40	0.689	-.2500278	.1664463
4	-.4227484	.3247422	-1.30	0.199	-1.075002	.2295049
5	-1.745947	1.059238	-1.65	0.106	-3.873375	.3814817
marital_2006						
2	-.1392867	.1078645	-1.29	0.203	-.3559275	.0773541
3	-.0575497	.1367112	-0.42	0.676	-.3321278	.2170283
4	-.0794761	.1108349	-0.72	0.477	-.3020827	.1431305
work_st_2006	-.1340451	.0529126	-2.53	0.014	-.2403176	-.0277725
smoking_2006						
2	.2691869	.0413877	6.50	0.000	.1860613	.3523125
3	.7324228	.0729562	10.04	0.000	.5858507	.8789948
2.srh_2006	.4330241	.0432272	10.02	0.000	.3462024	.5198458
bmibr_2006						
2	-.2327922	.0453978	-5.13	0.000	-.323972	-.1416125
3	-.1262883	.0488464	-2.59	0.013	-.2243941	-.0281826
cardiometcondbr_2006	.3335565	.0325221	10.26	0.000	.2682375	.3988756
cesd_2006	.0329797	.0112532	2.93	0.005	.0103776	.0555818

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0013
Largest FMI = 0.0090
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.71
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(23, 50.1) = 102.27
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.1054794	.0100781	10.47	0.000	.0852381	.1257208
AGE2006	.0782534	.0044699	17.51	0.000	.0692757	.087231
SEX	-.3431421	.0360844	-9.51	0.000	-.4156163	-.2706679
NonWhite	-.2482531	.0529535	-4.69	0.000	-.35461	-.1418961
education						
2	-.2026643	.0993948	-2.04	0.047	-.4022942	-.0030343
3	-.029196	.0468393	-0.62	0.536	-.1232706	.0648786
4	-.0741107	.061931	-1.20	0.237	-.1984962	.0502748
5	-.0855225	.0562852	-1.52	0.135	-.1985689	.0275239
totwealth_2006						
2	-.0624428	.044443	-1.41	0.166	-.1517047	.026819
3	.006805	.0975574	0.07	0.945	-.1891344	.2027443
4	-.3637243	.3022355	-1.20	0.234	-.9707883	.2433396
5	-1.686165	1.100526	-1.53	0.132	-3.896518	.524188
marital_2006						
2	-.1763721	.1098689	-1.61	0.115	-.3970385	.0442942
3	-.0599806	.1396634	-0.43	0.669	-.3404879	.2205267
4	-.0872071	.1131388	-0.77	0.444	-.314441	.1400268
work_st_2006	-.0888811	.0506843	-1.75	0.086	-.1906783	.0129161
smoking_2006						
2	.2768086	.0418723	6.61	0.000	.1927091	.3609081
3	.7302269	.0829956	8.80	0.000	.5635011	.8969528
2.srh_2006	.3756328	.0400769	9.37	0.000	.2951385	.4561271
bmibr_2006						
2	-.2076947	.0467101	-4.45	0.000	-.3015099	-.1138796
3	-.0910983	.0495519	-1.84	0.072	-.1906209	.0084243
cardiometcondbr_2006	.310436	.0345855	8.98	0.000	.2409728	.3798993
cesd_2006	.0059462	.0100991	0.59	0.559	-.0143375	.0262299

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = **52** Population size = **21,648,399**
Number of PSUs = **104** Subpop. no. obs = **6,368**
Subpop. size = **21,635,971**
Average RVI = **0.0014**
Largest FMI = **0.0088**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **49.72**
avg = **50.08**
max = **50.11**
Model F test: **Equal FMI** F(**23**, **50.1**) = **95.08**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1084989	.0089351	12.14	0.000	.0905532	.1264447
AGE2006	.0777269	.0043651	17.81	0.000	.0689597	.0864941
SEX	-.3410872	.0368972	-9.24	0.000	-.4151941	-.2669804
NonWhite	-.2231428	.0523017	-4.27	0.000	-.3281909	-.1180948
education						
2	-.1593795	.0951937	-1.67	0.100	-.3505716	.0318127
3	.0010921	.0465717	0.02	0.981	-.0924451	.0946293
4	-.0522224	.0622191	-0.84	0.405	-.1771864	.0727417
5	-.0760487	.0580812	-1.31	0.196	-.1927021	.0406048
totwealth_2006						
2	-.0609187	.0435775	-1.40	0.168	-.1484424	.026605
3	.0170203	.1004385	0.17	0.866	-.1847056	.2187462
4	-.3659211	.304327	-1.20	0.235	-.9771894	.2453473
5	-1.69333	1.116331	-1.52	0.136	-3.935426	.5487654
marital_2006						
2	-.1398615	.1101371	-1.27	0.210	-.3610665	.0813436
3	-.048428	.1371181	-0.35	0.725	-.3238232	.2269671
4	-.0748221	.1130957	-0.66	0.511	-.3019694	.1523253
work_st_2006	-.0995093	.051412	-1.94	0.059	-.202768	.0037494
smoking_2006						
2	.2878025	.0428851	6.71	0.000	.2016693	.3739357
3	.7136284	.0852744	8.37	0.000	.5423258	.884931
2.srh_2006	.374231	.0403451	9.28	0.000	.2931979	.4552641
bmibr_2006						
2	-.2125086	.0477813	-4.45	0.000	-.3084754	-.1165419
3	-.0963897	.0512814	-1.88	0.066	-.1993859	.0066066
cardiometcondbr_2006	.2915531	.0359083	8.12	0.000	.2194331	.3636731
cesd_2006	.0034313	.0099422	0.35	0.731	-.0165373	.0234

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,601**

Number of strata = **52** Population size = **21,648,399**
Number of PSUs = **104** Subpop. no. obs = **6,368**
Subpop. size = **21,635,971**
Average RVI = **0.0015**
Largest FMI = **0.0089**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **49.71**
avg = **50.08**
max = **50.11**
Model F test: **Equal FMI** F(**23**, **50.1**) = **96.58**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1600523	.0132552	12.07	0.000	.1334299	.1866746
AGE2006	.0784444	.0042778	18.34	0.000	.0698526	.0870362
SEX	-.3924441	.0360619	-10.88	0.000	-.4648733	-.3200149
NonWhite	-.2139304	.0515135	-4.15	0.000	-.3173954	-.1104653
education						
2	-.1312881	.0958644	-1.37	0.177	-.3238274	.0612511
3	.0316106	.0475367	0.66	0.509	-.0638646	.1270859
4	-.0087785	.0628839	-0.14	0.890	-.1350778	.1175208
5	-.0296488	.0582722	-0.51	0.613	-.1466861	.0873884
totwealth_2006						
2	-.0546021	.043708	-1.25	0.217	-.1423879	.0331837
3	.0217587	.0974957	0.22	0.824	-.1740568	.2175742
4	-.3613716	.2986226	-1.21	0.232	-.961191	.2384479
5	-1.737272	1.102266	-1.58	0.121	-3.95112	.4765746
marital_2006						
2	-.174344	.1095484	-1.59	0.118	-.3943667	.0456787
3	-.0465948	.1373982	-0.34	0.736	-.3225526	.229363
4	-.088579	.1126397	-0.79	0.435	-.3148105	.1376525
work_st_2006	-.0923348	.0499945	-1.85	0.071	-.1927465	.0080768
smoking_2006						
2	.287763	.0421567	6.83	0.000	.2030927	.3724334
3	.7121827	.086729	8.21	0.000	.5379573	.886408
2.srh_2006	.382503	.0405896	9.42	0.000	.3009789	.4640271
bmibr_2006						
2	-.1836191	.0479779	-3.83	0.000	-.2799807	-.0872575
3	-.0349883	.0509042	-0.69	0.495	-.137227	.0672505
cardiometcondbr_2006	.3020403	.036177	8.35	0.000	.2293806	.3746999
cesd_2006	.0041738	.0097231	0.43	0.670	-.0153548	.0237025

```
138 .
139 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marit
      3.
140 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0015
Largest FMI = 0.0105
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.62
avg = 50.07
max = 50.11
Model F test: Equal FMI — F(23, 50.1) = 99.61
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0670522	.0270242	-2.48	0.016	-.1213298	-.0127746
AGE2006	.0997961	.0039296	25.40	0.000	.0919036	.1076887
SEX	-.3792653	.038052	-9.97	0.000	-.4556916	-.302839
NonWhite	-.1588618	.0528438	-3.01	0.004	-.2649991	-.0527245
education						
2	-.200479	.1092902	-1.83	0.073	-.4199836	.0190255
3	-.056861	.0465157	-1.22	0.227	-.1502857	.0365636
4	-.1175412	.0624547	-1.88	0.066	-.2429784	.0078961
5	-.1808505	.0571734	-3.16	0.003	-.2956806	-.0660204
totwealth_2006						
2	-.1189017	.0432545	-2.75	0.008	-.2057766	-.0320267
3	-.0448854	.1031719	-0.44	0.665	-.2521011	.1623303
4	-.4324873	.3255336	-1.33	0.190	-1.086331	.2213568
5	-1.738712	1.058933	-1.64	0.107	-3.865528	.3881043
marital_2006						
2	-.1419899	.1080093	-1.31	0.195	-.3589214	.0749416
3	-.0594539	.1369356	-0.43	0.666	-.3344825	.2155747
4	-.0833442	.111312	-0.75	0.458	-.306909	.1402206
work_st_2006	-.1338027	.0526762	-2.54	0.014	-.2396003	-.0280051
smoking_2006						
2	.2682202	.0420572	6.38	0.000	.1837499	.3526905
3	.7272417	.0786549	9.25	0.000	.5692285	.885255
2.srh_2006	.4266396	.0429991	9.92	0.000	.3402762	.513003
bmibr_2006						
2	-.230096	.0457128	-5.03	0.000	-.3219084	-.1382836
3	-.1266265	.0484838	-2.61	0.012	-.2240039	-.0292491
cardiometcondbr_2006	.329769	.0336644	9.80	0.000	.2621557	.3973823
cesd_2006	.0276347	.0111383	2.48	0.017	.0052634	.0500059

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0013
Largest FMI = 0.0088
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.72
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(23, 50.1) = 91.32
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.432501	.0631449	6.85	0.000	.3056776	.5593245
AGE2006	.0912191	.0039821	22.91	0.000	.0832211	.0992171
SEX	-.3872074	.0372605	-10.39	0.000	-.4620441	-.3123707
NonWhite	-.1652541	.0529075	-3.12	0.003	-.2715189	-.0589894
education						
2	-.1760884	.1017028	-1.73	0.090	-.3803538	.0281769
3	-.0322529	.0471003	-0.68	0.497	-.1268516	.0623458
4	-.0924219	.0616357	-1.50	0.140	-.2162142	.0313705
5	-.1540608	.0566224	-2.72	0.009	-.2677844	-.0403372
totwealth_2006						
2	-.0868223	.0439014	-1.98	0.053	-.1749964	.0013517
3	-.0195055	.1017013	-0.19	0.849	-.2237675	.1847566
4	-.4154509	.3207424	-1.30	0.201	-1.059673	.2287713
5	-1.723401	1.0578	-1.63	0.110	-3.847941	.4011389
marital_2006						
2	-.1520673	.1100536	-1.38	0.173	-.3731048	.0689701
3	-.0348478	.1418857	-0.25	0.807	-.3198185	.2501229
4	-.0675779	.11403	-0.59	0.556	-.2966018	.1614459
work_st_2006	-.1407735	.0522665	-2.69	0.010	-.2457482	-.0357987
smoking_2006						
2	.267049	.0408132	6.54	0.000	.1850771	.3490209
3	.7272706	.0783739	9.28	0.000	.5698301	.8847112
2.srh_2006	.3932876	.0414093	9.50	0.000	.3101173	.4764578
bmibr_2006						
2	-.212273	.0476608	-4.45	0.000	-.3079978	-.1165482
3	-.0986583	.0506534	-1.95	0.057	-.2003933	.0030767
cardiometcondbr_2006	.3245111	.0343836	9.44	0.000	.2554532	.393569
cesd_2006	.0099891	.0101847	0.98	0.331	-.0104665	.0304447

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0013
		Largest FMI	= 0.0083
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.74
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(23, 50.1)	= 93.22
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.5007386	.0602524	8.31	0.000	.3797245	.6217528
AGE2006	.0919924	.0038747	23.74	0.000	.0842103	.0997745
SEX	-.3857972	.0363861	-10.60	0.000	-.4588778	-.3127166
NonWhite	-.1669613	.0545333	-3.06	0.004	-.2764909	-.0574317
education						
2	-.1896778	.1008464	-1.88	0.066	-.3922232	.0128676
3	-.0172421	.0445247	-0.39	0.700	-.1066681	.0721839
4	-.0810424	.0613511	-1.32	0.193	-.2042632	.0421784
5	-.1332911	.0577031	-2.31	0.025	-.2491851	-.0173971
totwealth_2006						
2	-.0965061	.0407519	-2.37	0.022	-.1783546	-.0146576
3	-.0272858	.1010389	-0.27	0.788	-.2302176	.175646
4	-.4563007	.3126776	-1.46	0.151	-1.084339	.1717372
5	-1.731553	1.058464	-1.64	0.108	-3.857427	.3943207
marital_2006						
2	-.1414611	.1130613	-1.25	0.217	-.3685394	.0856171
3	-.0379278	.1417347	-0.27	0.790	-.3225951	.2467395
4	-.0717216	.1158282	-0.62	0.539	-.304357	.1609138
work_st_2006	-.1338037	.0519304	-2.58	0.013	-.2381035	-.0295039
smoking_2006						
2	.283187	.0419567	6.75	0.000	.1989187	.3674554
3	.7337778	.0769291	9.54	0.000	.5792415	.8883141
2.srh_2006	.3929163	.0397145	9.89	0.000	.3131499	.4726826
bmibr_2006						
2	-.2160913	.0469944	-4.60	0.000	-.3104776	-.121705
3	-.0935194	.0499052	-1.87	0.067	-.1937518	.0067129
cardiometcondbr_2006	.3144405	.0352654	8.92	0.000	.2436117	.3852693
cesd_2006	.0077836	.0105853	0.74	0.466	-.0134767	.029044

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0011
		Largest FMI	= 0.0065
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.84
		avg	= 50.09
		max	= 50.11
Model F test:	Equal FMI	F(23, 50.1)	= 92.93
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4596706	.0683807	6.72	0.000	.3223311	.5970101
AGE2006	.0910856	.0038245	23.82	0.000	.0834043	.098767
SEX	-.4037793	.0366629	-11.01	0.000	-.4774156	-.330143
NonWhite	-.175102	.0536577	-3.26	0.002	-.282873	-.0673311
education						
2	-.1845043	.0996048	-1.85	0.070	-.384556	.0155473
3	-.0289935	.0481919	-0.60	0.550	-.1257848	.0677978
4	-.0812851	.0613045	-1.33	0.191	-.2044123	.0418421
5	-.1438969	.0567622	-2.54	0.014	-.2579012	-.0298925
totwealth_2006						
2	-.0887388	.0435379	-2.04	0.047	-.1761829	-.0012947
3	-.0211673	.1019731	-0.21	0.836	-.2259754	.1836408
4	-.4486989	.3117606	-1.44	0.156	-1.074888	.17749
5	-1.718325	1.055519	-1.63	0.110	-3.838283	.4016332
marital_2006						
2	-.1461983	.1089241	-1.34	0.186	-.364967	.0725705
3	-.0210608	.1368943	-0.15	0.878	-.2960065	.2538848
4	-.0736197	.1121426	-0.66	0.515	-.2988528	.1516133
work_st_2006	-.1390009	.0514662	-2.70	0.009	-.2423684	-.0356334
smoking_2006						
2	.2662958	.0414675	6.42	0.000	.18301	.3495816
3	.6830597	.0929639	7.35	0.000	.4963217	.8697977
2.srh_2006	.4012671	.0408192	9.83	0.000	.3192821	.483252
bmibr_2006						
2	-.2053015	.0469051	-4.38	0.000	-.2995083	-.1110947
3	-.0790335	.0492935	-1.60	0.115	-.1780373	.0199704
cardiometcondbr_2006	.3116767	.037975	8.21	0.000	.2354057	.3879477
cesd_2006	.0116096	.0109372	1.06	0.294	-.0103575	.0335767

```
141 .
142 . **REMOVE SMOKING***
143 .
144 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marit
  3.
145 . }
```

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,601**

Number of strata = **52** — Population size = **21,648,399**
Number of PSUs = **104** — Subpop. no. obs = **6,368**
Subpop. size = **21,635,971**
Average RVI = **0.0000**
Largest FMI = **0.0014**
Complete DF = **52**
DF adjustment: **Small sample** — DF: min = **50.11**
avg = **50.11**
max = **50.11**
Model F test: **Equal FMI** — F(**22**, **50.1**) = **117.92**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0293101	.0088101	-3.33	0.002	-.0470047	-.0116155
AGE2006	.0899124	.003721	24.16	0.000	.082439	.0973858
SEX	-.5037982	.033256	-15.15	0.000	-.5705913	-.4370052
NonWhite	-.1821053	.0575801	-3.16	0.003	-.2977521	-.0664585
education						
2	-.1235387	.1077129	-1.15	0.257	-.3398747	.0927973
3	-.0429811	.0486705	-0.88	0.381	-.1407334	.0547712
4	-.0834406	.0669373	-1.25	0.218	-.2178809	.0509997
5	-.1717745	.0578178	-2.97	0.005	-.2878987	-.0556503
totwealth_2006						
2	-.1049265	.0408029	-2.57	0.013	-.1868771	-.0229758
3	-.0419477	.1032712	-0.41	0.686	-.2493628	.1654675
4	-.4438509	.3086976	-1.44	0.157	-1.063855	.1761531
5	-1.693927	1.051514	-1.61	0.113	-3.805841	.4179861
marital_2006						
2	-.1424818	.1096068	-1.30	0.200	-.3626217	.077658
3	.0204631	.1367311	0.15	0.882	-.2541546	.2950809
4	-.044586	.1135787	-0.39	0.696	-.2727031	.1835312
work_st_2006	-.146859	.0536093	-2.74	0.009	-.2545307	-.0391873
physic_act_2006	-.2076577	.0257396	-8.07	0.000	-.2593544	-.155961
2.srh_2006	.3818196	.0454721	8.40	0.000	.2904912	.473148
bmibr_2006						
2	-.2519763	.0489264	-5.15	0.000	-.3502426	-.1537101
3	-.1995944	.0541012	-3.69	0.001	-.3082539	-.0909348
cardiometcondbr_2006	.3085348	.0313479	9.84	0.000	.2455742	.3714955
cesd_2006	.0200437	.0103659	1.93	0.059	-.0007756	.040863

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,601**

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0000
		Largest FMI	= 0.0015
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 50.10
		avg	= 50.11
		max	= 50.11
Model F test:	Equal FMI	F(22, 50.1)	= 107.33
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0954205	.0100909	9.46	0.000	.0751534	.1156877
AGE2006	.0709243	.0043052	16.47	0.000	.0622774	.0795712
SEX	-.4702413	.0316973	-14.84	0.000	-.5339038	-.4065787
NonWhite	-.2541995	.0575965	-4.41	0.000	-.3698792	-.1385199
education						
2	-.1262982	.0979367	-1.29	0.203	-.3229993	.0704029
3	-.0189016	.0488031	-0.39	0.700	-.1169203	.0791171
4	-.0465334	.0660175	-0.70	0.484	-.1791264	.0860595
5	-.0885388	.0572436	-1.55	0.128	-.2035098	.0264323
totwealth_2006						
2	-.0536879	.0406243	-1.32	0.192	-.1352798	.027904
3	-.0014832	.0976266	-0.02	0.988	-.1975615	.1945951
4	-.3915228	.2936354	-1.33	0.188	-.9812751	.1982295
5	-1.570242	1.066449	-1.47	0.147	-3.712153	.5716684
marital_2006						
2	-.1788462	.1130122	-1.58	0.120	-.4058257	.0481332
3	.0124725	.140818	0.09	0.930	-.2703535	.2952985
4	-.0545675	.1165291	-0.47	0.642	-.2886105	.1794755
work_st_2006	-.1076788	.0513302	-2.10	0.041	-.210773	-.0045846
physic_act_2006	-.1854945	.0263523	-7.04	0.000	-.238422	-.1325669
2.srh_2006	.3375197	.0424874	7.94	0.000	.2521859	.4228535
bmibr_2006						
2	-.2266932	.0492621	-4.60	0.000	-.3256337	-.1277527
3	-.1606129	.0549621	-2.92	0.005	-.2710016	-.0502243
cardiometcondbr_2006	.2871316	.0318643	9.01	0.000	.2231338	.3511294
cesd_2006	-.0031184	.0095856	-0.33	0.746	-.0223706	.0161338

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0000
		Largest FMI	= 0.0014
		Complete DF	= 52
DF adjustment:	**Small sample**	DF: min	= 50.10
		avg	= 50.11
		max	= 50.11
Model F test:	**Equal FMI**	F(22, 50.1)	= 103.61
Within VCE type:	**Linearized**	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.0974764	.0091507	10.65	0.000	.0790977	.1158551
AGE2006	.0708587	.00419	16.91	0.000	.0624433	.0792741
SEX	-.4696746	.0324204	-14.49	0.000	-.5347894	-.4045598
NonWhite	-.2323088	.0565745	-4.11	0.000	-.3459359	-.1186817
education						
2	-.0868912	.0935539	-0.93	0.357	-.2747896	.1010073
3	.0083124	.0476029	0.17	0.862	-.0872956	.1039205
4	-.0275928	.0654452	-0.42	0.675	-.1590362	.1038507
5	-.0814855	.0579593	-1.41	0.166	-.1978939	.0349229
totwealth_2006						
2	-.0541574	.0404176	-1.34	0.186	-.1353342	.0270194
3	.0051212	.0999049	0.05	0.959	-.1955328	.2057752
4	-.3938131	.2955089	-1.33	0.189	-.9873282	.199702
5	-1.573167	1.075929	-1.46	0.150	-3.734117	.5877825
marital_2006						
2	-.152798	.1110279	-1.38	0.175	-.3757921	.0701961
3	.01737	.137721	0.13	0.900	-.2592359	.293976
4	-.051317	.1146198	-0.45	0.656	-.2815251	.1788911
work_st_2006	-.1157353	.0517006	-2.24	0.030	-.2195735	-.0118971
physic_act_2006	-.174425	.0270124	-6.46	0.000	-.2286782	-.1201718
2.srh_2006	.3395995	.0418269	8.12	0.000	.2555922	.4236068
bmibr_2006						
2	-.2302135	.0501782	-4.59	0.000	-.330994	-.129433
3	-.1619925	.0565305	-2.87	0.006	-.2755312	-.0484538
cardiometcondbr_2006	.2727575	.0323748	8.42	0.000	.2077343	.3377807
cesd_2006	-.0046246	.0095539	-0.48	0.630	-.0238131	.014564

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata = **52** Population size = **21,648,399**
Number of PSUs = **104** Subpop. no. obs = **6,368**
Subpop. size = **21,635,971**
Average RVI = **0.0000**
Largest FMI = **0.0015**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **50.10**
avg = **50.11**
max = **50.11**
Model F test: **Equal FMI** F(**22**, **50.1**) = **100.97**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1458553	.0134099	10.88	0.000	.1189221	.1727885
AGE2006	.0713503	.0040836	17.47	0.000	.0631487	.079552
SEX	-.5139543	.0319674	-16.08	0.000	-.5781592	-.4497493
NonWhite	-.2231096	.056098	-3.98	0.000	-.3357797	-.1104395
education						
2	-.0630044	.0947662	-0.66	0.509	-.2533377	.1273289
3	.037521	.048824	0.77	0.446	-.0605397	.1355817
4	.0139529	.0665394	0.21	0.835	-.1196882	.147594
5	-.0363855	.0588881	-0.62	0.539	-.1546593	.0818884
totwealth_2006						
2	-.0476296	.0403899	-1.18	0.244	-.1287506	.0334915
3	.0108364	.0970757	0.11	0.912	-.1841354	.2058083
4	-.3906858	.2923704	-1.34	0.187	-.9778974	.1965259
5	-1.612026	1.065571	-1.51	0.137	-3.752173	.5281206
marital_2006						
2	-.1783187	.1115313	-1.60	0.116	-.4023238	.0456864
3	.0218158	.1386663	0.16	0.876	-.2566886	.3003202
4	-.0583391	.1152055	-0.51	0.615	-.2897236	.1730454
work_st_2006	-.1087544	.0506034	-2.15	0.036	-.2103888	-.0071199
physic_act_2006	-.1725655	.0264622	-6.52	0.000	-.2257138	-.1194173
2.srh_2006	.3472844	.0425675	8.16	0.000	.2617897	.4327791
bmibr_2006						
2	-.2034754	.0499769	-4.07	0.000	-.3038515	-.1030992
3	-.1050065	.0557824	-1.88	0.066	-.2170426	.0070297
cardiometcondbr_2006	.2820758	.0324501	8.69	0.000	.2169013	.3472502
cesd_2006	-.0039578	.0092969	-0.43	0.672	-.0226302	.0147146

```
146 .
147 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marit
  3.
```

```
148 . }

Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      6,601

Number of strata  =        52                 Population size   =  21,648,399
Number of PSUs    =       104                 Subpop. no. obs   =      6,368
                                              Subpop. size      =  21,635,971
                                              Average RVI       =     0.0000
                                              Largest FMI       =     0.0014
                                              Complete DF       =         52
DF adjustment:   Small sample                 DF:     min       =      50.10
                                                      avg       =      50.11
                                                      max       =      50.11
Model F test:       Equal FMI                 F(  22,   50.1)   =     111.37
Within VCE type:   Linearized                 Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0589726	.0271681	-2.17	0.035	-.1135385	-.0044067
AGE2006	.0899231	.0037545	23.95	0.000	.0823823	.0974638
SEX	-.5080469	.0329672	-15.41	0.000	-.5742599	-.4418338
NonWhite	-.1777507	.0577373	-3.08	0.003	-.2937132	-.0617881
education						
2	-.123041	.1068878	-1.15	0.255	-.3377199	.0916379
3	-.0454329	.0485146	-0.94	0.354	-.1428721	.0520063
4	-.0862556	.0665641	-1.30	0.201	-.2199463	.047435
5	-.1725945	.0575169	-3.00	0.004	-.2881144	-.0570745
totwealth_2006						
2	-.1050187	.0409301	-2.57	0.013	-.1872248	-.0228126
3	-.044195	.1029098	-0.43	0.669	-.2508844	.1624943
4	-.4530647	.3095985	-1.46	0.150	-1.074878	.1687487
5	-1.683683	1.050583	-1.60	0.115	-3.793727	.4263606
marital_2006						
2	-.1461154	.1095488	-1.33	0.188	-.3661388	.073908
3	.0164724	.137024	0.12	0.905	-.2587336	.2916785
4	-.048778	.11368	-0.43	0.670	-.2770987	.1795426
work_st_2006	-.1473669	.0534841	-2.76	0.008	-.254787	-.0399467
physic_act_2006	-.2075005	.0256979	-8.07	0.000	-.2591135	-.1558876
2.srh_2006	.3768756	.0450918	8.36	0.000	.2863109	.4674403
bmibr_2006						
2	-.2503554	.049108	-5.10	0.000	-.3489864	-.1517243
3	-.2001758	.0537039	-3.73	0.000	-.3080374	-.0923142
cardiometcondbr_2006	.3056735	.0317036	9.64	0.000	.2419984	.3693486
cesd_2006	.0148867	.0107531	1.38	0.172	-.0067104	.0364837

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      6,601
```

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0000
		Largest FMI	= 0.0015
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 50.10
		avg	= 50.11
		max	= 50.11
Model F test:	Equal FMI	F(22, 50.1)	= 100.85
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.3867947	.0634526	6.10	0.000	.2593532	.5142361
AGE2006	.0826439	.0037678	21.93	0.000	.0750765	.0902113
SEX	-.5095819	.0325522	-15.65	0.000	-.5749613	-.4442024
NonWhite	-.1836955	.0582242	-3.15	0.003	-.3006359	-.066755
education						
2	-.1054799	.1002017	-1.05	0.298	-.3067301	.0957704
3	-.0265717	.0493688	-0.54	0.593	-.1257266	.0725831
4	-.0672804	.0659241	-1.02	0.312	-.1996858	.065125
5	-.1512889	.0567877	-2.66	0.010	-.2653441	-.0372336
totwealth_2006						
2	-.0782361	.0413123	-1.89	0.064	-.16121	.0047377
3	-.0277522	.1009719	-0.27	0.785	-.2305494	.175045
4	-.43525	.3053231	-1.43	0.160	-1.048476	.1779764
5	-1.674991	1.050905	-1.59	0.117	-3.785681	.4356991
marital_2006						
2	-.1550436	.1117453	-1.39	0.171	-.3794785	.0693913
3	.0386277	.1408002	0.27	0.785	-.2441626	.3214179
4	-.0371498	.1157972	-0.32	0.750	-.2697229	.1954233
work_st_2006	-.1529196	.0526957	-2.90	0.005	-.2587563	-.0470828
physic_act_2006	-.195513	.0264697	-7.39	0.000	-.2486762	-.1423498
2.srh_2006	.3502312	.0434667	8.06	0.000	.2629305	.437532
bmibr_2006						
2	-.2324868	.0502186	-4.63	0.000	-.3333484	-.1316252
3	-.1715504	.0550753	-3.11	0.003	-.2821665	-.0609342
cardiometcondbr_2006	.3005093	.0323571	9.29	0.000	.2355216	.365497
cesd_2006	.0002095	.0096754	0.02	0.983	-.0192231	.0196421

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0000
		Largest FMI	= 0.0015
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 50.10
		avg	= 50.11
		max	= 50.11
Model F test:	Equal FMI	F(22, 50.1)	= 106.69
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.4265114	.0563437	7.57	0.000	.3133479	.5396749
AGE2006	.0836982	.0037135	22.54	0.000	.0762399	.0911565
SEX	-.5121022	.0315055	-16.25	0.000	-.5753794	-.448825
NonWhite	-.1834529	.0590819	-3.11	0.003	-.302116	-.0647898
education						
2	-.1129796	.0998679	-1.13	0.263	-.3135594	.0876002
3	-.0148162	.0467086	-0.32	0.752	-.1086282	.0789958
4	-.0570957	.065326	-0.87	0.386	-.1882998	.0741084
5	-.1353845	.0580004	-2.33	0.024	-.2518754	-.0188935
totwealth_2006						
2	-.0873445	.0389289	-2.24	0.029	-.1655313	-.0091578
3	-.0359322	.1006622	-0.36	0.723	-.2381073	.1662429
4	-.46989	.2985758	-1.57	0.122	-1.069565	.1297847
5	-1.678869	1.050681	-1.60	0.116	-3.78911	.4313719
marital_2006						
2	-.1509016	.1118686	-1.35	0.183	-.3755842	.0737809
3	.0300569	.1391131	0.22	0.830	-.2493449	.3094587
4	-.0444075	.1147687	-0.39	0.700	-.2749148	.1860999
work_st_2006	-.1465329	.0522417	-2.80	0.007	-.2514578	-.041608
physic_act_2006	-.1890698	.0259029	-7.30	0.000	-.2410946	-.137045
2.srh_2006	.3540664	.0421479	8.40	0.000	.2694145	.4387183
bmibr_2006						
2	-.234924	.0493465	-4.76	0.000	-.334034	-.135814
3	-.1660286	.0540107	-3.07	0.003	-.2745064	-.0575508
cardiometcondbr_2006	.2922467	.0328239	8.90	0.000	.2263215	.3581719
cesd_2006	-.0006171	.0100178	-0.06	0.951	-.0207373	.019503

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0000
		Largest FMI	= 0.0015
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 50.10
		avg	= 50.11
		max	= 50.11
Model F test:	Equal FMI	F(22, 50.1)	= 103.75
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4294287	.0641664	6.69	0.000	.3005537	.5583037
AGE2006	.082876	.0036569	22.66	0.000	.0755312	.0902207
SEX	-.522635	.0319133	-16.38	0.000	-.5867313	-.4585387
NonWhite	-.1918025	.058358	-3.29	0.002	-.3090118	-.0745932
education						
2	-.1129241	.0984911	-1.15	0.257	-.3107386	.0848904
3	-.0163875	.0491364	-0.33	0.740	-.1150755	.0823005
4	-.0507056	.0651888	-0.78	0.440	-.181634	.0802229
5	-.134894	.0566451	-2.38	0.021	-.248663	-.021125
totwealth_2006						
2	-.080546	.0407913	-1.97	0.054	-.1624732	.0013813
3	-.029231	.1015654	-0.29	0.775	-.2332201	.174758
4	-.4677865	.2970409	-1.57	0.122	-1.064379	.1288056
5	-1.680509	1.050636	-1.60	0.116	-3.790659	.4296411
marital_2006						
2	-.1561301	.1091868	-1.43	0.159	-.3754264	.0631662
3	.0408697	.1359581	0.30	0.765	-.2321953	.3139348
4	-.0506085	.1129919	-0.45	0.656	-.2775471	.17633
work_st_2006	-.1500894	.0520781	-2.88	0.006	-.2546857	-.045493
physic_act_2006	-.1875593	.0256821	-7.30	0.000	-.2391406	-.135978
2.srh_2006	.3606579	.0427309	8.44	0.000	.2748349	.4464809
bmibr_2006						
2	-.2251742	.0494092	-4.56	0.000	-.3244101	-.1259383
3	-.1485336	.0536702	-2.77	0.008	-.2563276	-.0407395
cardiometcondbr_2006	.2927796	.0341494	8.57	0.000	.2241921	.3613671
cesd_2006	.0014004	.0100754	0.14	0.890	-.0188356	.0216364

```
149 .
150 . **REMOVE WORK STATUS***
```

```
151 .
152 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
      2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marit
      3.
153 . }
```

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,601**

Number of strata = **52** — Population size = **21,648,399**
Number of PSUs = **104** — Subpop. no. obs = **6,368**
Subpop. size = **21,635,971**
Average RVI = **0.0014**
Largest FMI = **0.0113**
Complete DF = **52**
DF adjustment: **Small sample** — DF: min = **49.57**
avg = **50.07**
max = **50.11**
Model F test: **Equal FMI** — F(**23**, **50.1**) = **105.51**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0331201	.0094793	-3.49	0.001	-.052159	-.0140813
AGE2006	.0967027	.003828	25.26	0.000	.0890143	.1043912
SEX	-.415423	.0368434	-11.28	0.000	-.4894219	-.341424
NonWhite	-.1659548	.0563768	-2.94	0.005	-.2791874	-.0527223
education						
2	-.1923141	.1139262	-1.69	0.098	-.4211296	.0365015
3	-.0422303	.0474736	-0.89	0.378	-.137579	.0531184
4	-.0857443	.0626247	-1.37	0.177	-.211523	.0400344
5	-.151211	.0578165	-2.62	0.012	-.2673327	-.0350893
totwealth_2006						
2	-.1093613	.0418563	-2.61	0.012	-.193428	-.0252946
3	-.0327192	.1030145	-0.32	0.752	-.2396191	.1741806
4	-.4830369	.3210483	-1.50	0.139	-1.127869	.1617946
5	-1.850542	1.084172	-1.71	0.094	-4.028049	.3269642
marital_2006						
2	-.148484	.1081066	-1.37	0.176	-.3656109	.0686429
3	-.060322	.1370567	-0.44	0.662	-.3355939	.21495
4	-.0751172	.1123564	-0.67	0.507	-.3007795	.1505452
smoking_2006						
2	.2727091	.0421942	6.46	0.000	.1879635	.3574546
3	.6688085	.0734322	9.11	0.000	.5212841	.8163329
physic_act_2006	-.1906725	.0248315	-7.68	0.000	-.2405458	-.1407992
2.srh_2006	.3743149	.0440694	8.49	0.000	.2858025	.4628273
bmibr_2006						
2	-.2407997	.04677	-5.15	0.000	-.3347354	-.146864
3	-.176487	.0520508	-3.39	0.001	-.2810286	-.0719453
cardiometcondbr_2006	.3182523	.0339435	9.38	0.000	.2500784	.3864261
cesd_2006	.0232164	.0115083	2.02	0.049	.0001021	.0463307

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0011
Largest FMI = 0.0082
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.75
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(23, 50.1) = 98.67
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0999088	.0100291	9.96	0.000	.0797658	.1200518
AGE2006	.0764154	.0045906	16.65	0.000	.0671955	.0856354
SEX	-.3818174	.0350948	-10.88	0.000	-.4523043	-.3113306
NonWhite	-.2426153	.0563389	-4.31	0.000	-.3557714	-.1294592
education						
2	-.1913685	.1016411	-1.88	0.066	-.3955101	.012773
3	-.0190169	.0477084	-0.40	0.692	-.1148369	.0768031
4	-.0493306	.0617892	-0.80	0.428	-.1734313	.07477
5	-.0634679	.0566927	-1.12	0.268	-.1773326	.0503968
totwealth_2006						
2	-.0546594	.0422018	-1.30	0.201	-.1394201	.0301012
3	.0169604	.0976519	0.17	0.863	-.1791686	.2130894
4	-.4092621	.2994514	-1.37	0.178	-1.01073	.1922055
5	-1.768905	1.120459	-1.58	0.121	-4.019292	.4814814
marital_2006						
2	-.1890115	.110798	-1.71	0.094	-.4115439	.0335209
3	-.0659521	.1401398	-0.47	0.640	-.3474162	.2155119
4	-.087883	.1145393	-0.77	0.447	-.3179296	.1421636
smoking_2006						
2	.2802117	.0423629	6.61	0.000	.195127	.3652965
3	.6748647	.0845402	7.98	0.000	.5050397	.8446898
physic_act_2006	-.1684624	.0253006	-6.66	0.000	-.2192779	-.1176469
2.srh_2006	.3247069	.0414386	7.84	0.000	.2414782	.4079356
bmibr_2006						
2	-.2151554	.0476318	-4.52	0.000	-.3108219	-.1194889
3	-.1365213	.0527658	-2.59	0.013	-.2424991	-.0305435
cardiometcondbr_2006	.2945048	.0360918	8.16	0.000	.2220161	.3669935
cesd_2006	-.0024382	.0101932	-0.24	0.812	-.022911	.0180347

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0012
		Largest FMI	= 0.0081
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.76
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(23, 50.1)	= 94.52
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1015603	.0087812	11.57	0.000	.0839235	.119197
AGE2006	.0765226	.0044264	17.29	0.000	.0676323	.085413
SEX	-.3773982	.0355794	-10.61	0.000	-.4488585	-.3059379
NonWhite	-.2174597	.0552218	-3.94	0.000	-.3283723	-.1065472
education						
2	-.1497012	.0966571	-1.55	0.128	-.3438325	.0444301
3	.008135	.0471396	0.17	0.864	-.0865427	.1028127
4	-.0316217	.0618097	-0.51	0.611	-.1557635	.0925201
5	-.0569469	.0580232	-0.98	0.331	-.1734839	.0595902
totwealth_2006						
2	-.0552348	.0416375	-1.33	0.191	-.1388622	.0283925
3	.0216339	.100416	0.22	0.830	-.1800469	.2233147
4	-.4128702	.3019943	-1.37	0.178	-1.019449	.193709
5	-1.786693	1.134805	-1.57	0.122	-4.065893	.492508
marital_2006						
2	-.1550273	.1105309	-1.40	0.167	-.3770233	.0669687
3	-.0554126	.1372812	-0.40	0.688	-.3311354	.2203101
4	-.0780491	.1141733	-0.68	0.497	-.3073607	.1512624
smoking_2006						
2	.290027	.0434327	6.68	0.000	.202794	.37726
3	.6627274	.0870079	7.62	0.000	.4879457	.8375091
physic_act_2006	-.157638	.0260949	-6.04	0.000	-.2100488	-.1052272
2.srh_2006	.3270931	.0414663	7.89	0.000	.2438086	.4103776
bmibr_2006						
2	-.2192644	.0486143	-4.51	0.000	-.3169042	-.1216247
3	-.1396255	.054944	-2.54	0.014	-.249978	-.0292729
cardiometcondbr_2006	.2780668	.0370696	7.50	0.000	.2036143	.3525193
cesd_2006	-.0038112	.0100734	-0.38	0.707	-.0240434	.0164209

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0013
		Largest FMI	= 0.0082
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.75
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(23, 50.1)	= 95.13
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1511303	.0131599	11.48	0.000	.1246993	.1775613
AGE2006	.0770292	.0043273	17.80	0.000	.068338	.0857205
SEX	-.4250071	.0352162	-12.07	0.000	-.4957379	-.3542764
NonWhite	-.2092465	.0546153	-3.83	0.000	-.318941	-.099552
education						
2	-.1242593	.0973459	-1.28	0.208	-.3197741	.0712555
3	.0370398	.048215	0.77	0.446	-.0597978	.1338774
4	.0097	.0626925	0.15	0.878	-.116215	.1356149
5	-.0120847	.0586574	-0.21	0.838	-.1298955	.105726
totwealth_2006						
2	-.0480304	.0416068	-1.15	0.254	-.1315961	.0355353
3	.0285902	.0971623	0.29	0.770	-.1665557	.223736
4	-.4039318	.2964186	-1.36	0.179	-.9993194	.1914557
5	-1.820341	1.122918	-1.62	0.111	-4.075667	.4349848
marital_2006						
2	-.1858912	.1105985	-1.68	0.099	-.4080231	.0362406
3	-.0529712	.1380241	-0.38	0.703	-.330186	.2242436
4	-.0895467	.114332	-0.78	0.437	-.3191771	.1400837
smoking_2006						
2	.2902175	.0429013	6.76	0.000	.2040517	.3763834
3	.662902	.0883327	7.50	0.000	.4854586	.8403454
physic_act_2006	-.1562445	.0256	-6.10	0.000	-.2076612	-.1048278
2.srh_2006	.3349878	.0421424	7.95	0.000	.2503455	.4196301
bmibr_2006						
2	-.1913357	.0487415	-3.93	0.000	-.2892309	-.0934404
3	-.0803275	.0544201	-1.48	0.146	-.1896277	.0289726
cardiometcondbr_2006	.2872548	.0373339	7.69	0.000	.2122714	.3622382
cesd_2006	-.0031673	.009842	-0.32	0.749	-.0229348	.0166001

```
154 .
155 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marit
  3.
156 . }
```

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,601**

Number of strata = **52** — Population size = **21,648,399**
Number of PSUs = **104** — Subpop. no. obs = **6,368**
Subpop. size = **21,635,971**
Average RVI = **0.0014**
Largest FMI = **0.0097**
Complete DF = **52**
DF adjustment: **Small sample** — DF: min = **49.67**
avg = **50.08**
max = **50.11**
Model F test: **Equal FMI** — F(**23**, **50.1**) = **92.77**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0686818	.0271353	-2.53	0.015	-.1231824	-.0141813
AGE2006	.09664	.0039263	24.61	0.000	.0887541	.1045259
SEX	-.4201025	.0368509	-11.40	0.000	-.4941166	-.3460885
NonWhite	-.1613632	.0565181	-2.86	0.006	-.2748795	-.0478468
education						
2	-.1911905	.1129481	-1.69	0.097	-.4180416	.0356606
3	-.0456515	.0473897	-0.96	0.340	-.1408316	.0495285
4	-.0892185	.0623954	-1.43	0.159	-.2145368	.0360997
5	-.1527252	.0575916	-2.65	0.011	-.2683953	-.0370551
totwealth_2006						
2	-.109573	.0419907	-2.61	0.012	-.1939097	-.0252364
3	-.035939	.1026359	-0.35	0.728	-.2420784	.1702003
4	-.4926436	.3220023	-1.53	0.132	-1.139392	.1541048
5	-1.842713	1.084454	-1.70	0.095	-4.020786	.3353592
marital_2006						
2	-.1511054	.1081568	-1.40	0.169	-.3683333	.0661224
3	-.0624123	.1372283	-0.45	0.651	-.3380288	.2132042
4	-.0791768	.1127118	-0.70	0.486	-.3055531	.1471996
smoking_2006						
2	.2718647	.0429196	6.33	0.000	.1856622	.3580671
3	.6629372	.0797406	8.31	0.000	.5027469	.8231274
physic_act_2006	-.190473	.0247394	-7.70	0.000	-.2401614	-.1407846
2.srh_2006	.3679881	.0439867	8.37	0.000	.2796417	.4563346
bmibr_2006						
2	-.2380924	.0470434	-5.06	0.000	-.3325773	-.1436075
3	-.1767457	.0517493	-3.42	0.001	-.2806818	-.0728096
cardiometcondbr_2006	.314268	.0352585	8.91	0.000	.2434529	.385083
cesd_2006	.0179222	.01159	1.55	0.128	-.0053562	.0412007

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0011
Largest FMI = 0.0080
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.76
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(23, 50.1) = 84.28
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.3981507	.0643678	6.19	0.000	.2688712	.5274303
AGE2006	.0891001	.0039588	22.51	0.000	.081149	.0970513
SEX	-.4232719	.0362907	-11.66	0.000	-.4961609	-.3503829
NonWhite	-.1659083	.0565454	-2.93	0.005	-.2794791	-.0523375
education						
2	-.1653276	.1037974	-1.59	0.117	-.3737998	.0431446
3	-.0239669	.0479035	-0.50	0.619	-.1201788	.072245
4	-.0682703	.061614	-1.11	0.273	-.1920191	.0554785
5	-.1291445	.0563565	-2.29	0.026	-.2423341	-.015955
totwealth_2006						
2	-.080936	.0423468	-1.91	0.062	-.1659878	.0041157
3	-.0173149	.1005238	-0.17	0.864	-.2192122	.1845825
4	-.4754243	.3176026	-1.50	0.141	-1.113338	.1624892
5	-1.823623	1.081283	-1.69	0.098	-3.995328	.348082
marital_2006						
2	-.1596648	.1103877	-1.45	0.154	-.3813733	.0620436
3	-.0377995	.1407482	-0.27	0.789	-.3204856	.2448866
4	-.065156	.1152589	-0.57	0.574	-.2966478	.1663359
smoking_2006						
2	.2708605	.0415109	6.53	0.000	.1874876	.3542335
3	.6682563	.0791554	8.44	0.000	.5092493	.8272633
physic_act_2006	-.1786505	.0255964	-6.98	0.000	-.2300602	-.1272409
2.srh_2006	.3415657	.0424962	8.04	0.000	.256213	.4269183
bmibr_2006						
2	-.2196251	.0488221	-4.50	0.000	-.3176823	-.1215679
3	-.1475964	.0539098	-2.74	0.009	-.2558718	-.039321
cardiometcondbr_2006	.3089898	.0360659	8.57	0.000	.2365532	.3814263
cesd_2006	.0014099	.0102059	0.14	0.891	-.0190883	.0219081

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0010
		Largest FMI	= 0.0078
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.77
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(23, 50.1)	= 88.66
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.4574046	.0574165	7.97	0.000	.3420863	.5727229
AGE2006	.0900144	.003878	23.21	0.000	.0822255	.0978034
SEX	-.4216072	.034848	-12.10	0.000	-.4915986	-.3516159
NonWhite	-.1663105	.0575938	-2.89	0.006	-.2819866	-.0506344
education						
2	-.1775049	.1031073	-1.72	0.091	-.3845911	.0295814
3	-.0109094	.0453117	-0.24	0.811	-.1019159	.0800971
4	-.0591146	.0609724	-0.97	0.337	-.1815747	.0633455
5	-.1112988	.0575592	-1.93	0.059	-.2269039	.0043062
totwealth_2006						
2	-.0899528	.0396848	-2.27	0.028	-.1696582	-.0102475
3	-.0256458	.1006886	-0.25	0.800	-.2278741	.1765825
4	-.5088424	.3106917	-1.64	0.108	-1.132887	.1152028
5	-1.827101	1.081426	-1.69	0.097	-3.999093	.3448915
marital_2006						
2	-.1521315	.1118641	-1.36	0.180	-.3768052	.0725422
3	-.0418336	.1398459	-0.30	0.766	-.3227073	.2390402
4	-.0711547	.1157957	-0.61	0.542	-.3037249	.1614155
smoking_2006						
2	.2844671	.0425977	6.68	0.000	.1989114	.3700228
3	.6765404	.077937	8.68	0.000	.5199818	.833099
physic_act_2006	-.1709382	.025118	-6.81	0.000	-.2213869	-.1204895
2.srh_2006	.3430194	.0410737	8.35	0.000	.2605236	.4255152
bmibr_2006						
2	-.2226789	.0478871	-4.65	0.000	-.3188583	-.1264995
3	-.1415505	.0531253	-2.66	0.010	-.2482502	-.0348507
cardiometcondbr_2006	.3001954	.0367367	8.17	0.000	.2264115	.3739794
cesd_2006	.0000344	.0106881	0.00	0.997	-.0214323	.021501

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0010
		Largest FMI	= 0.0060
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.87
		avg	= 50.09
		max	= 50.11
Model F test:	Equal FMI	F(23, 50.1)	= 86.40
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4140912	.0670077	6.18	0.000	.2795092	.5486732
AGE2006	.0893097	.0038185	23.39	0.000	.0816404	.096979
SEX	-.437868	.0356133	-12.30	0.000	-.5093962	-.3663398
NonWhite	-.1737546	.0567359	-3.06	0.004	-.2877075	-.0598016
education						
2	-.1738533	.101816	-1.71	0.094	-.3783461	.0306394
3	-.021432	.0487928	-0.44	0.662	-.1194302	.0765662
4	-.0588233	.0614789	-0.96	0.343	-.1823008	.0646542
5	-.1210143	.0567706	-2.13	0.038	-.2350354	-.0069931
totwealth_2006						
2	-.0839151	.0415442	-2.02	0.049	-.167355	-.0004753
3	-.0217534	.1010176	-0.22	0.830	-.2246424	.1811355
4	-.5047562	.3100214	-1.63	0.110	-1.127449	.1179363
5	-1.815909	1.078071	-1.68	0.098	-3.981161	.3493434
marital_2006						
2	-.1569345	.1088016	-1.44	0.155	-.3754573	.0615883
3	-.0292879	.1362669	-0.21	0.831	-.3029736	.2443977
4	-.0749926	.1132639	-0.66	0.511	-.3024778	.1524925
smoking_2006						
2	.2693818	.0422035	6.38	0.000	.1846179	.3541458
3	.6289947	.0942721	6.67	0.000	.4396316	.8183578
physic_act_2006	-.1723373	.0248627	-6.93	0.000	-.2222732	-.1224014
2.srh_2006	.3500561	.0427081	8.20	0.000	.2642778	.4358344
bmibr_2006						
2	-.2130596	.047799	-4.46	0.000	-.3090618	-.1170574
3	-.1274969	.0523007	-2.44	0.018	-.2325405	-.0224534
cardiometcondbr_2006	.2973962	.0391372	7.60	0.000	.218791	.3760014
cesd_2006	.0034475	.0110414	0.31	0.756	-.0187287	.0256237

```
157 .
158 . **REMOVE MARITAL STATUS***
159 .
160 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 work_st
  3.
161 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0017
Largest FMI = 0.0121
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.52
avg = 50.07
max = 50.11
Model F test: **Equal FMI** — F(21, 50.1) = 102.19
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0335894	.0093243	-3.60	0.001	-.0523169	-.0148618
AGE2006	.0964867	.003873	24.91	0.000	.0887079	.1042654
SEX	-.4002388	.0354685	-11.28	0.000	-.4714764	-.3290012
NonWhite	-.1638379	.0572723	-2.86	0.006	-.2788695	-.0488063
education						
2	-.1892096	.112297	-1.68	0.098	-.4147532	.036334
3	-.0382615	.0476085	-0.80	0.425	-.1338812	.0573582
4	-.0744727	.0622087	-1.20	0.237	-.1994161	.0504706
5	-.1404303	.0576947	-2.43	0.019	-.2563075	-.0245532
totwealth_2006						
2	-.1354521	.0422772	-3.20	0.002	-.2203641	-.0505402
3	-.0495928	.1050945	-0.47	0.639	-.2606699	.1614844
4	-.4811588	.3236126	-1.49	0.143	-1.131139	.1688215
5	-1.79111	1.066359	-1.68	0.099	-3.932841	.3506204
work_st_2006	-.121827	.0526435	-2.31	0.025	-.2275589	-.0160951
smoking_2006						
2	.2715961	.0423576	6.41	0.000	.1865224	.3566699
3	.6763205	.072018	9.39	0.000	.5316336	.8210074
physic_act_2006	-.1881116	.0250235	-7.52	0.000	-.2383706	-.1378527
2.srh_2006	.3704111	.0438141	8.45	0.000	.2824111	.4584111
bmibr_2006						
2	-.2414186	.046897	-5.15	0.000	-.3356096	-.1472277
3	-.1737098	.052836	-3.29	0.002	-.2798286	-.067591
cardiometcondbr_2006	.3119592	.033811	9.23	0.000	.2440513	.3798671
cesd_2006	.0244568	.0110261	2.22	0.031	.002311	.0466027

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0013
		Largest FMI	= 0.0088
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.72
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(21, 50.1)	= 98.47
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0975558	.0098644	9.89	0.000	.0777436	.117368
AGE2006	.0773187	.004558	16.96	0.000	.0681643	.0864732
SEX	-.3595576	.0340566	-10.56	0.000	-.4279593	-.2911558
NonWhite	-.2368494	.0576191	-4.11	0.000	-.3525769	-.1211219
education						
2	-.1848416	.0996208	-1.86	0.069	-.3849256	.0152423
3	-.0135922	.0482824	-0.28	0.779	-.1105652	.0833808
4	-.0358698	.0619244	-0.58	0.565	-.160242	.0885023
5	-.0531152	.0566051	-0.94	0.353	-.166804	.0605736
totwealth_2006						
2	-.0951509	.0434831	-2.19	0.033	-.1824847	-.0078171
3	-.0215422	.1008164	-0.21	0.832	-.2240271	.1809427
4	-.4373254	.3074	-1.42	0.161	-1.054756	.180105
5	-1.722045	1.099089	-1.57	0.123	-3.929512	.4854213
work_st_2006	-.076035	.0491898	-1.55	0.128	-.1748304	.0227605
smoking_2006						
2	.2790252	.0426363	6.54	0.000	.1933915	.3646589
3	.6868631	.0829279	8.28	0.000	.5202741	.8534522
physic_act_2006	-.1655524	.0254512	-6.50	0.000	-.2166703	-.1144346
2.srh_2006	.3230782	.0410731	7.87	0.000	.2405834	.405573
bmibr_2006						
2	-.2146927	.047947	-4.48	0.000	-.3109923	-.1183931
3	-.1332297	.0537253	-2.48	0.017	-.2411345	-.0253249
cardiometcondbr_2006	.2893076	.0361653	8.00	0.000	.2166712	.361944
cesd_2006	.0000884	.0098658	0.01	0.993	-.0197268	.0199036

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata = **52** Population size = **21,648,399**
Number of PSUs = **104** Subpop. no. obs = **6,368**
Subpop. size = **21,635,971**
Average RVI = **0.0013**
Largest FMI = **0.0084**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **49.74**
avg = **50.08**
max = **50.11**
Model F test: **Equal FMI** F(**21**, **50.1**) = **94.72**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1008707	.0086962	11.60	0.000	.0834047	.1183366
AGE2006	.0766793	.0044364	17.28	0.000	.0677691	.0855895
SEX	-.3605417	.0345935	-10.42	0.000	-.4300218	-.2910617
NonWhite	-.2133926	.0559859	-3.81	0.000	-.3258399	-.1009452
education						
2	-.1450255	.0946983	-1.53	0.132	-.3352228	.0451719
3	.0127828	.0478179	0.27	0.790	-.0832574	.108823
4	-.0204005	.0619825	-0.33	0.743	-.1448894	.1040884
5	-.0467078	.058041	-0.80	0.425	-.1632805	.0698649
totwealth_2006						
2	-.0853994	.0426816	-2.00	0.051	-.1711235	.0003248
3	-.003797	.1031507	-0.04	0.971	-.2109702	.2033762
4	-.4233814	.3092609	-1.37	0.177	-1.044553	.1977902
5	-1.728807	1.113387	-1.55	0.127	-3.964991	.5073765
work_st_2006	-.0880884	.0497597	-1.77	0.083	-.1880285	.0118517
smoking_2006						
2	.2894136	.0434963	6.65	0.000	.2020529	.3767744
3	.6725203	.0863932	7.78	0.000	.498972	.8460687
physic_act_2006	-.1548133	.0262207	-5.90	0.000	-.2074766	-.10215
2.srh_2006	.3246498	.0412583	7.87	0.000	.2417829	.4075166
bmibr_2006						
2	-.2186955	.0488306	-4.48	0.000	-.3167697	-.1206213
3	-.1364534	.0557074	-2.45	0.018	-.248339	-.0245677
cardiometcondbr_2006	.2730598	.0370522	7.37	0.000	.1986422	.3474774
cesd_2006	-.0021666	.0097807	-0.22	0.826	-.0218108	.0174776

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,601**

Number of strata = **52** Population size = **21,648,399**
Number of PSUs = **104** Subpop. no. obs = **6,368**
Subpop. size = **21,635,971**
Average RVI = **0.0014**
Largest FMI = **0.0087**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **49.72**
avg = **50.07**
max = **50.11**
Model F test: **Equal FMI** F(**21**, **50.1**) = **93.54**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1487366	.0129671	11.47	0.000	.1226927	.1747805
AGE2006	.0775798	.0043546	17.82	0.000	.0688338	.0863259
SEX	-.4025778	.0344793	-11.68	0.000	-.4718286	-.3333269
NonWhite	-.2046916	.0557047	-3.67	0.001	-.3165745	-.0928087
education						
2	-.1184383	.0955023	-1.24	0.221	-.3102504	.0733738
3	.0419775	.0488315	0.86	0.394	-.0560983	.1400533
4	.0227537	.0629122	0.36	0.719	-.1036023	.1491097
5	-.0011901	.0587211	-0.02	0.984	-.1191288	.1167486
totwealth_2006						
2	-.0876695	.0423651	-2.07	0.044	-.1727578	-.0025811
3	-.0086131	.1009439	-0.09	0.932	-.211354	.1941279
4	-.4282363	.3044345	-1.41	0.166	-1.039721	.1832485
5	-1.763022	1.099854	-1.60	0.115	-3.972024	.4459808
work_st_2006	-.0785214	.0484208	-1.62	0.111	-.1757723	.0187295
smoking_2006						
2	.2895584	.0431118	6.72	0.000	.2029696	.3761471
3	.6759287	.0873665	7.74	0.000	.5004239	.8514334
physic_act_2006	-.1532937	.0257018	-5.96	0.000	-.2049149	-.1016725
2.srh_2006	.3333073	.0418588	7.96	0.000	.2492342	.4173804
bmibr_2006						
2	-.1909838	.0489216	-3.90	0.000	-.2892408	-.0927267
3	-.0778969	.055181	-1.41	0.164	-.1887254	.0329316
cardiometcondbr_2006	.2818944	.0373523	7.55	0.000	.2068741	.3569147
cesd_2006	-.000731	.0095366	-0.08	0.939	-.019885	.018423

```
162 .
163 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006  work_s
  3.
```

```
164 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0015
Largest FMI = 0.0104
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.63
avg = 50.07
max = 50.11
Model F test: **Equal FMI** — F(21, 50.1) = 92.56
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0707643	.0268806	-2.63	0.011	-.1247534	-.0167752
AGE2006	.0963894	.0039944	24.13	0.000	.0883669	.104412
SEX	-.4052429	.0358375	-11.31	0.000	-.4772215	-.3332643
NonWhite	-.1592798	.0573881	-2.78	0.008	-.2745437	-.044016
education						
2	-.1880212	.1114556	-1.69	0.098	-.4118749	.0358325
3	-.041706	.0475677	-0.88	0.385	-.1372436	.0538317
4	-.0780209	.0620948	-1.26	0.215	-.2027355	.0466936
5	-.1418086	.0574835	-2.47	0.017	-.2572615	-.0263556
totwealth_2006						
2	-.1354067	.0422829	-3.20	0.002	-.22033	-.0504833
3	-.0524702	.1046727	-0.50	0.618	-.2627003	.1577599
4	-.4903326	.3244079	-1.51	0.137	-1.141911	.1612458
5	-1.782811	1.066206	-1.67	0.101	-3.924235	.358612
work_st_2006	-.1218977	.0524339	-2.32	0.024	-.2272088	-.0165867
smoking_2006						
2	.2708474	.0430388	6.29	0.000	.1844056	.3572892
3	.670389	.0782709	8.56	0.000	.513148	.82763
physic_act_2006	-.1879969	.0249264	-7.54	0.000	-.2380609	-.1379329
2.srh_2006	.3642421	.0437107	8.33	0.000	.2764498	.4520344
bmibr_2006						
2	-.2386751	.0471574	-5.06	0.000	-.3333889	-.1439613
3	-.1740816	.0525017	-3.32	0.002	-.279529	-.0686343
cardiometcondbr_2006	.3080187	.0350626	8.78	0.000	.2375971	.3784403
cesd_2006	.0192043	.0110708	1.73	0.089	-.0030312	.0414399

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0010
		Largest FMI	= 0.0086
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.73
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(21, 50.1)	= 84.35
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.3903114	.0665329	5.87	0.000	.2566833	.5239396
AGE2006	.0891958	.0040784	21.87	0.000	.0810046	.0973871
SEX	-.4031952	.0354779	-11.36	0.000	-.4744517	-.3319387
NonWhite	-.1620763	.0579219	-2.80	0.007	-.278412	-.0457406
education						
2	-.1610705	.102243	-1.58	0.121	-.366421	.0442799
3	-.018731	.0482578	-0.39	0.700	-.1156546	.0781926
4	-.0543491	.061333	-0.89	0.380	-.1775335	.0688354
5	-.1169216	.0564274	-2.07	0.043	-.2302533	-.0035898
totwealth_2006						
2	-.1164825	.0434848	-2.68	0.010	-.2038198	-.0291452
3	-.0445033	.1033454	-0.43	0.669	-.2520676	.163061
4	-.4830166	.3218467	-1.50	0.140	-1.129453	.1634195
5	-1.76045	1.062158	-1.66	0.104	-3.893743	.3728417
work_st_2006	-.1246685	.0511478	-2.44	0.018	-.2273965	-.0219406
smoking_2006						
2	.2695231	.0416645	6.47	0.000	.1858414	.3532048
3	.6790862	.0777426	8.74	0.000	.5229146	.8352577
physic_act_2006	-.1755263	.0257795	-6.81	0.000	-.2273037	-.1237489
2.srh_2006	.3380513	.0420919	8.03	0.000	.2535103	.4225924
bmibr_2006						
2	-.2192366	.0489567	-4.48	0.000	-.3175643	-.1209089
3	-.1434413	.0548462	-2.62	0.012	-.2535974	-.0332852
cardiometcondbr_2006	.3019298	.0362755	8.32	0.000	.229072	.3747875
cesd_2006	.0031063	.0098832	0.31	0.755	-.0167438	.0229564

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0011
		Largest FMI	= 0.0082
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.75
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(21, 50.1)	= 90.07
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.4545844	.0573162	7.93	0.000	.3394674	.5697013
AGE2006	.0898636	.0039144	22.96	0.000	.0820017	.0977254
SEX	-.4047452	.0334547	-12.10	0.000	-.4719382	-.3375522
NonWhite	-.1624159	.0586985	-2.77	0.008	-.280311	-.0445208
education						
2	-.1730867	.1017211	-1.70	0.095	-.3773889	.0312155
3	-.0059309	.0459675	-0.13	0.898	-.0982548	.086393
4	-.046388	.0611072	-0.76	0.451	-.1691189	.076343
5	-.098988	.0579849	-1.71	0.094	-.2154478	.0174719
totwealth_2006						
2	-.1208632	.040929	-2.95	0.005	-.2030673	-.0386592
3	-.0480927	.1037544	-0.46	0.645	-.2564785	.160293
4	-.5104119	.3158632	-1.62	0.112	-1.144841	.1240172
5	-1.765778	1.062452	-1.66	0.103	-3.899661	.3681053
work_st_2006	-.1193305	.0507205	-2.35	0.023	-.2212004	-.0174607
smoking_2006						
2	.2836399	.0425807	6.66	0.000	.1981183	.3691615
3	.6862982	.0768988	8.92	0.000	.5318233	.8407731
physic_act_2006	-.1678375	.0253196	-6.63	0.000	-.218691	-.1169839
2.srh_2006	.3396016	.0407436	8.34	0.000	.2577686	.4214346
bmibr_2006						
2	-.2224673	.0480728	-4.63	0.000	-.3190197	-.1259149
3	-.1377635	.0540941	-2.55	0.014	-.2464091	-.0291179
cardiometcondbr_2006	.2936512	.0369294	7.95	0.000	.2194803	.3678221
cesd_2006	.0014149	.0103493	0.14	0.892	-.0193715	.0222012

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0010
		Largest FMI	= 0.0062
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.86
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(21, 50.1)	= 90.84
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4087453	.0675696	6.05	0.000	.2730348	.5444558
AGE2006	.0890657	.0038934	22.88	0.000	.0812461	.0968854
SEX	-.420583	.0345563	-12.17	0.000	-.4899882	-.3511777
NonWhite	-.1694929	.0579626	-2.92	0.005	-.28591	-.0530759
education						
2	-.1681178	.1003493	-1.68	0.100	-.3696647	.033429
3	-.0161039	.0493356	-0.33	0.745	-.1151924	.0829846
4	-.0451678	.0615006	-0.73	0.466	-.1686888	.0783533
5	-.1079447	.0570483	-1.89	0.064	-.2225234	.0066341
totwealth_2006						
2	-.1165504	.0418711	-2.78	0.008	-.2006466	-.0324541
3	-.045457	.103974	-0.44	0.664	-.2542836	.1633697
4	-.5070595	.3150578	-1.61	0.114	-1.139865	.1257464
5	-1.748572	1.059168	-1.65	0.105	-3.87586	.3787151
work_st_2006	-.1231189	.0505282	-2.44	0.018	-.2246025	-.0216354
smoking_2006						
2	.2685715	.0422665	6.35	0.000	.183681	.353462
3	.6405019	.0934511	6.85	0.000	.4527867	.8282171
physic_act_2006	-.1693798	.024977	-6.78	0.000	-.2195452	-.1192143
2.srh_2006	.3472343	.0423483	8.20	0.000	.2621784	.4322901
bmibr_2006						
2	-.2128952	.0478177	-4.45	0.000	-.3089351	-.1168554
3	-.1244472	.0531896	-2.34	0.023	-.2312761	-.0176182
cardiometcondbr_2006	.2905841	.0390768	7.44	0.000	.2121002	.3690679
cesd_2006	.004874	.0106808	0.46	0.650	-.0165782	.0263261

```
165 .
166 . **REMOVE INCOME***
```

```
167 .
168 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
      2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.marital_2006 work_st_2
      3.
169 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0015
Largest FMI = 0.0111
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.58
avg = 50.07
max = 50.11
Model F test: Equal FMI — F(20, 50.1) = 107.61
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0327909	.0095469	-3.43	0.001	-.0519655	-.0136162
AGE2006	.0958717	.0039189	24.46	0.000	.0880008	.1037426
SEX	-.4138132	.036381	-11.37	0.000	-.4868836	-.3407429
NonWhite	-.1492235	.0553444	-2.70	0.010	-.2603828	-.0380643
education						
2	-.2012526	.1133334	-1.78	0.082	-.4288775	.0263724
3	-.0572191	.0467659	-1.22	0.227	-.1511464	.0367082
4	-.1112478	.0609469	-1.83	0.074	-.2336568	.0111612
5	-.1888476	.0537462	-3.51	0.001	-.2967945	-.0809008
marital_2006						
2	-.1879005	.1123891	-1.67	0.101	-.4136285	.0378275
3	-.0504423	.1334339	-0.38	0.707	-.3184378	.2175533
4	-.074868	.1099949	-0.68	0.499	-.2957874	.1460514
work_st_2006	-.1472975	.0549712	-2.68	0.010	-.2577048	-.0368903
smoking_2006						
2	.2684833	.0417822	6.43	0.000	.1845655	.3524012
3	.6641959	.0719728	9.23	0.000	.5196041	.8087877
physic_act_2006	-.1914563	.0250547	-7.64	0.000	-.241778	-.1411347
2.srh_2006	.3744512	.0449793	8.32	0.000	.2841113	.4647911
bmibr_2006						
2	-.2435436	.0468125	-5.20	0.000	-.3375646	-.1495226
3	-.1796985	.0521863	-3.44	0.001	-.2845123	-.0748847
cardiometcondbr_2006	.3176161	.0337037	9.42	0.000	.2499237	.3853084
cesd_2006	.0225779	.0115063	1.96	0.055	-.0005325	.0456882

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 Population size = 21,648,399
Number of PSUs = 104 Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0011
Largest FMI = 0.0083
Complete DF = 52
DF adjustment: Small sample DF: min = 49.74
avg = 50.08
max = 50.11
Model F test: Equal FMI F(20, 50.1) = 105.76
Within VCE type: Linearized Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.1001737	.0102507	9.77	0.000	.0795857	.1207617
AGE2006	.0757424	.0046199	16.39	0.000	.0664636	.0850212
SEX	-.3824286	.0348502	-10.97	0.000	-.4524242	-.3124331
NonWhite	-.2348724	.0555124	-4.23	0.000	-.3463687	-.1233761
education						
2	-.1948095	.1012245	-1.92	0.060	-.3981144	.0084953
3	-.0257874	.0470109	-0.55	0.586	-.1202068	.0686319
4	-.0610212	.0600764	-1.02	0.315	-.1816818	.0596394
5	-.0827795	.0520291	-1.59	0.118	-.1872779	.0217188
marital_2006						
2	-.2104933	.1149575	-1.83	0.073	-.4413799	.0203934
3	-.0645854	.1373575	-0.47	0.640	-.3404614	.2112906
4	-.0891322	.1128499	-0.79	0.433	-.3157859	.1375214
work_st_2006	-.0996015	.0519683	-1.92	0.061	-.2039778	.0047747
smoking_2006						
2	.2777076	.0419933	6.61	0.000	.1933653	.36205
3	.6677917	.0832195	8.02	0.000	.5006192	.8349642
physic_act_2006	-.1682223	.0253105	-6.65	0.000	-.2190577	-.1173869
2.srh_2006	.3250021	.0418939	7.76	0.000	.240859	.4091452
bmibr_2006						
2	-.2160208	.0478958	-4.51	0.000	-.3122175	-.1198241
3	-.1379286	.0533104	-2.59	0.013	-.2450002	-.030857
cardiometcondbr_2006	.2940534	.0357425	8.23	0.000	.2222664	.3658405
cesd_2006	-.0029505	.010157	-0.29	0.773	-.0233505	.0174496

Multiple-imputation estimates Imputations = 5
Survey: Cox regression Number of obs = 6,601

Number of strata = 52 Population size = 21,648,399
Number of PSUs = 104 Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0011
Largest FMI = 0.0083
Complete DF = 52
DF adjustment: Small sample DF: min = 49.75
avg = 50.08
max = 50.11
Model F test: Equal FMI F(20, 50.1) = 100.20
Within VCE type: Linearized Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1017686	.0089545	11.37	0.000	.083784	.1197533
AGE2006	.0757704	.0044699	16.95	0.000	.0667928	.0847481
SEX	-.3785273	.0354384	-10.68	0.000	-.4497042	-.3073503
NonWhite	-.2096291	.0545316	-3.84	0.000	-.3191555	-.1001027
education						
2	-.15307	.0962127	-1.59	0.118	-.3463089	.0401688
3	.0014511	.0461848	0.03	0.975	-.091309	.0942112
4	-.0431737	.0600322	-0.72	0.475	-.1637454	.0773981
5	-.0758764	.0535212	-1.42	0.162	-.1833715	.0316187
marital_2006						
2	-.1770336	.1145471	-1.55	0.129	-.4070958	.0530286
3	-.0539995	.1344046	-0.40	0.690	-.3239448	.2159458
4	-.07983	.1122401	-0.71	0.480	-.3052588	.1455989
work_st_2006	-.1103051	.0529775	-2.08	0.042	-.2167083	-.0039019
smoking_2006						
2	.2878185	.0430101	6.69	0.000	.2014343	.3742027
3	.655173	.0855878	7.65	0.000	.4832432	.8271028
physic_act_2006	-.1573184	.0261949	-6.01	0.000	-.2099301	-.1047067
2.srh_2006	.3271581	.0419077	7.81	0.000	.2429871	.4113292
bmibr_2006						
2	-.2203425	.0488334	-4.51	0.000	-.3184223	-.1222627
3	-.1408878	.0554396	-2.54	0.014	-.2522356	-.02954
cardiometcondbr_2006	.2771968	.0367477	7.54	0.000	.2033908	.3510028
cesd_2006	-.0044238	.0100829	-0.44	0.663	-.0246751	.0158275

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0011
Largest FMI = 0.0083
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.74
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(20, 50.1) = 101.85
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1511545	.0134125	11.27	0.000	.124216	.178093
AGE2006	.076364	.0043782	17.44	0.000	.0675706	.0851575
SEX	-.4264701	.0349707	-12.20	0.000	-.4967077	-.3562326
NonWhite	-.2025262	.0540197	-3.75	0.000	-.3110247	-.0940277
education						
2	-.1272475	.096997	-1.31	0.196	-.3220616	.0675666
3	.0313072	.0473354	0.66	0.511	-.0637638	.1263783
4	-.0001616	.0608414	-0.00	0.998	-.1223587	.1220354

5	-.0290197	.053996	-0.54	0.593	-.1374685	.0794291
marital_2006						
2	-.2051219	.1144111	-1.79	0.079	-.434911	.0246672
3	-.0529305	.1356072	-0.39	0.698	-.3252911	.2194301
4	-.0911795	.1128102	-0.81	0.423	-.3177532	.1353942
work_st_2006	-.1026264	.0512926	-2.00	0.051	-.2056457	.0003928
smoking_2006						
2	.2881523	.0425553	6.77	0.000	.2026813	.3736234
3	.655362	.0871152	7.52	0.000	.4803637	.8303602
physic_act_2006	-.1558661	.0256108	-6.09	0.000	-.2073047	-.1044275
2.srh_2006	.3353097	.0426343	7.86	0.000	.2496795	.4209399
bmibr_2006						
2	-.192192	.0490021	-3.92	0.000	-.2906107	-.0937734
3	-.081559	.0548704	-1.49	0.143	-.1917637	.0286457
cardiometcondbr_2006	.2864758	.037016	7.74	0.000	.212131	.3608206
cesd_2006	-.0037087	.0098056	-0.38	0.707	-.023403	.0159855

```
170 .
171 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite i.education  i.marital_2006 work_st_2
      3.
172 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0014
Largest FMI = 0.0095
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.68
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(20, 50.1) = 98.53
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0674681	.0274421	-2.46	0.017	-.1225849	-.0123514
AGE2006	.0958013	.0040142	23.87	0.000	.0877389	.1038636
SEX	-.4184856	.0362976	-11.53	0.000	-.4913883	-.3455828
NonWhite	-.14447	.0555427	-2.60	0.012	-.2560275	-.0329126
education						
2	-.2001228	.1123888	-1.78	0.081	-.4258505	.0256049
3	-.0605666	.0466253	-1.30	0.200	-.1542114	.0330783
4	-.1146837	.0607895	-1.89	0.065	-.2367766	.0074092
5	-.1906405	.0534835	-3.56	0.001	-.2980598	-.0832213
marital_2006						
2	-.1911795	.1126907	-1.70	0.096	-.4175132	.0351543
3	-.0527814	.1336058	-0.40	0.694	-.3211223	.2155594
4	-.0792832	.110344	-0.72	0.476	-.3009038	.1423374

work_st_2006	-.1478106	.0547191	-2.70	0.009	-.2577116	-.0379097
smoking_2006						
2	.2675388	.0424713	6.30	0.000	.1822369	.3528407
3	.6583639	.0780777	8.43	0.000	.5015148	.815213
physic_act_2006	-.191343	.0249458	-7.67	0.000	-.241446	-.14124
2.srh_2006	.3681079	.0447778	8.22	0.000	.2781728	.4580431
bmibr_2006						
2	-.2408804	.0471121	-5.11	0.000	-.3355031	-.1462576
3	-.1800641	.0519411	-3.47	0.001	-.2843854	-.0757428
cardiometcondbr_2006	.3137543	.0349669	8.97	0.000	.243525	.3839836
cesd_2006	.0172529	.0115671	1.49	0.142	-.0059794	.0404853

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0009
Largest FMI = 0.0080
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.76
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(20, 50.1) = 90.59
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.4076051	.0652669	6.25	0.000	.2765196	.5386905
AGE2006	.088023	.0040584	21.69	0.000	.0798719	.0961741
SEX	-.4233484	.0357908	-11.83	0.000	-.4952334	-.3514634
NonWhite	-.154775	.0556902	-2.78	0.008	-.2666283	-.0429216
education						
2	-.1712807	.1035355	-1.65	0.104	-.3792269	.0366656
3	-.0341556	.047168	-0.72	0.472	-.1288903	.0605792
4	-.0856848	.0596641	-1.44	0.157	-.2055173	.0341478
5	-.1558932	.0520772	-2.99	0.004	-.2604879	-.0512985
marital_2006						
2	-.1922788	.1143174	-1.68	0.099	-.4218797	.0373222
3	-.0324161	.137598	-0.24	0.815	-.308775	.2439429
4	-.0677777	.1129216	-0.60	0.551	-.2945753	.15902
work_st_2006	-.1506253	.0535473	-2.81	0.007	-.2581727	-.0430779
smoking_2006						
2	.2675898	.0410381	6.52	0.000	.1851664	.3500132
3	.6630701	.0777771	8.53	0.000	.5068316	.8193087
physic_act_2006	-.1785602	.0257407	-6.94	0.000	-.2302597	-.1268608
2.srh_2006	.3403609	.0431732	7.88	0.000	.2536486	.4270732
bmibr_2006						
2	-.2214622	.0489246	-4.53	0.000	-.3197252	-.1231992

3	-.1493734	.0544391	-2.74	0.008	-.2587118	-.040035
cardiometcondbr_2006	.3077233	.0357549	8.61	0.000	.2359112	.3795354
cesd_2006	.0006003	.0101884	0.06	0.953	-.0198628	.0210635

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0009
Largest FMI = 0.0079
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.77
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(20, 50.1) = 93.89
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.461012	.0574345	8.03	0.000	.3456575	.5763666
AGE2006	.0891012	.0039525	22.54	0.000	.0811628	.0970397
SEX	-.4206828	.0343537	-12.25	0.000	-.4896815	-.351684
NonWhite	-.1530656	.0566248	-2.70	0.009	-.2667957	-.0393355
education						
2	-.1841922	.1029545	-1.79	0.080	-.3909715	.022587
3	-.0229134	.0447106	-0.51	0.611	-.1127128	.0668859
4	-.0792145	.0596143	-1.33	0.190	-.198947	.0405179
5	-.1430004	.0538956	-2.65	0.011	-.2512475	-.0347533
marital_2006						
2	-.1874604	.1152647	-1.63	0.110	-.4189639	.0440431
3	-.0357481	.13689	-0.26	0.795	-.310685	.2391888
4	-.0732033	.1134076	-0.65	0.522	-.3009769	.1545703
work_st_2006	-.145825	.0529708	-2.75	0.008	-.2522148	-.0394352
smoking_2006						
2	.2814469	.0420064	6.70	0.000	.1970788	.3658151
3	.6717339	.0764499	8.79	0.000	.5181621	.8253058
physic_act_2006	-.1712903	.0253205	-6.76	0.000	-.2221457	-.1204349
2.srh_2006	.3427246	.0418067	8.20	0.000	.2587567	.4266925
bmibr_2006						
2	-.2250808	.0479859	-4.69	0.000	-.3214586	-.128703
3	-.144465	.0536118	-2.69	0.010	-.252142	-.036788
cardiometcondbr_2006	.2993633	.036546	8.19	0.000	.2259624	.3727643
cesd_2006	-.0005668	.0107031	-0.05	0.958	-.0220637	.0209302

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = **52** Population size = **21,648,399**
Number of PSUs = **104** Subpop. no. obs = **6,368**
Subpop. size = **21,635,971**
Average RVI = **0.0009**
Largest FMI = **0.0060**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **49.87**
avg = **50.09**
max = **50.11**
Model F test: **Equal FMI** F(**20**, **50.1**) = **96.67**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4207997	.0679434	6.19	0.000	.2843386	.5572608
AGE2006	.0883365	.0039213	22.53	0.000	.0804607	.0962122
SEX	-.4379095	.0352469	-12.42	0.000	-.5087019	-.367117
NonWhite	-.1618775	.055987	-2.89	0.006	-.2743265	-.0494285
education						
2	-.1805735	.1014728	-1.78	0.081	-.3843769	.0232298
3	-.0321405	.0479753	-0.67	0.506	-.1284968	.0642158
4	-.0769773	.0601002	-1.28	0.206	-.1976857	.043731
5	-.1496209	.0525829	-2.85	0.006	-.2552313	-.0440104
marital_2006						
2	-.1903831	.1122869	-1.70	0.096	-.415906	.0351398
3	-.0234122	.1331335	-0.18	0.861	-.2908045	.2439802
4	-.0776677	.1108693	-0.70	0.487	-.3003434	.145008
work_st_2006	-.1497102	.0526462	-2.84	0.006	-.2554479	-.0439725
smoking_2006						
2	.266489	.0417867	6.38	0.000	.1825621	.3504159
3	.6240743	.0927141	6.73	0.000	.4378406	.8103081
physic_act_2006	-.1723088	.0249058	-6.92	0.000	-.2223314	-.1222862
2.srh_2006	.3495076	.0433117	8.07	0.000	.2625172	.436498
bmibr_2006						
2	-.2151478	.0479764	-4.48	0.000	-.3115064	-.1187892
3	-.1293159	.0527831	-2.45	0.018	-.2353285	-.0233034
cardiometcondbr_2006	.2960517	.0388734	7.62	0.000	.2179763	.3741271
cesd_2006	.002773	.0109908	0.25	0.802	-.0193017	.0248477

```
173 .
174 . **REMOVE EDUCATION***
175 .
```

```
176 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
      2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite  i.totwealth_2006 i.marital_2006 work
      3.
177 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0015
Largest FMI = 0.0109
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.60
avg = 50.07
max = 50.11
Model F test: **Equal FMI** — F(20, 50.1) = 109.78
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0330204	.009598	-3.44	0.001	-.0522976	-.0137432
AGE2006	.0955789	.0038781	24.65	0.000	.0877899	.1033678
SEX	-.4178278	.036808	-11.35	0.000	-.4917557	-.3439
NonWhite	-.1466782	.0561365	-2.61	0.012	-.2594283	-.0339282
totwealth_2006						
2	-.1300577	.0400442	-3.25	0.002	-.2104848	-.0496306
3	-.0622569	.0994796	-0.63	0.534	-.2620568	.137543
4	-.5147495	.3179951	-1.62	0.112	-1.153447	.1239481
5	-1.847824	1.074118	-1.72	0.092	-4.005137	.3094891
marital_2006						
2	-.1397166	.1091694	-1.28	0.207	-.3589782	.079545
3	-.0605556	.137449	-0.44	0.661	-.3366154	.2155042
4	-.0634017	.1117275	-0.57	0.573	-.287801	.1609976
work_st_2006	-.132436	.0543494	-2.44	0.018	-.2415942	-.0232779
smoking_2006						
2	.2674739	.0423372	6.32	0.000	.1824411	.3525066
3	.6669268	.0739722	9.02	0.000	.5183196	.8155341
physic_act_2006	-.1939002	.0252746	-7.67	0.000	-.2446636	-.1431368
2.srh_2006	.377772	.0433902	8.71	0.000	.2906237	.4649204
bmibr_2006						
2	-.2383881	.0475679	-5.01	0.000	-.3339263	-.1428499
3	-.1728411	.0506174	-3.41	0.001	-.2745038	-.0711783
cardiometcondbr_2006	.3135571	.0334814	9.37	0.000	.2463113	.3808029
cesd_2006	.0244218	.011128	2.19	0.033	.0020713	.0467723

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52
Number of PSUs = 104
DF adjustment: Small sample
Model F test: Equal FMI
Within VCE type: Linearized

Population size = 21,648,399
Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0013
Largest FMI = 0.0081
Complete DF = 52
DF: min = 49.76
avg = 50.08
max = 50.11
F(20, 50.1) = 113.60
Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0998129	.0098122	10.17	0.000	.0801056	.1195202
AGE2006	.0758445	.0045314	16.74	0.000	.0667435	.0849455
SEX	-.3843449	.0346709	-11.09	0.000	-.4539803	-.3147095
NonWhite	-.2337934	.0563634	-4.15	0.000	-.3469988	-.1205881
totwealth_2006						
2	-.060556	.0402106	-1.51	0.138	-.1413173	.0202052
3	.0120332	.0950119	0.13	0.900	-.1787936	.2028599
4	-.4044052	.297514	-1.36	0.180	-1.001979	.1931688
5	-1.737641	1.107621	-1.57	0.123	-3.962243	.4869618
marital_2006						
2	-.1847981	.1119687	-1.65	0.105	-.4096819	.0400857
3	-.0665394	.1407703	-0.47	0.638	-.3492699	.216191
4	-.0806317	.1145145	-0.70	0.485	-.3106286	.1493652
work_st_2006	-.0873875	.0508803	-1.72	0.092	-.1895783	.0148034
smoking_2006						
2	.2745874	.0420963	6.52	0.000	.1900381	.3591367
3	.6685382	.0837584	7.98	0.000	.5002841	.8367922
physic_act_2006	-.169947	.0254747	-6.67	0.000	-.2211123	-.1187817
2.srh_2006	.3241187	.0410849	7.89	0.000	.2416004	.406637
bmibr_2006						
2	-.2138995	.0479827	-4.46	0.000	-.3102708	-.1175282
3	-.1363285	.0514591	-2.65	0.011	-.2396817	-.0329753
cardiometcondbr_2006	.2915333	.0354599	8.22	0.000	.2203138	.3627527
cesd_2006	-.0020065	.0098794	-0.20	0.840	-.0218491	.017836

Multiple-imputation estimates
Survey: Cox regression

Number of strata = 52
Number of PSUs = 104
DF adjustment: Small sample
Model F test: Equal FMI
Within VCE type: Linearized

Imputations = 5
Number of obs = 6,601

Population size = 21,648,399
Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0013
Largest FMI = 0.0082
Complete DF = 52
DF: min = 49.75
avg = 50.08
max = 50.11
F(20, 50.1) = 108.08
Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1016868	.0084972	11.97	0.000	.0846206	.118753
AGE2006	.0756214	.0043769	17.28	0.000	.0668306	.0844123
SEX	-.3772881	.0353616	-10.67	0.000	-.4483109	-.3062654
NonWhite	-.2145944	.0547762	-3.92	0.000	-.3246121	-.1045767
totwealth_2006						
2	-.0594018	.03957	-1.50	0.140	-.1388766	.0200729
3	.016477	.0976583	0.17	0.867	-.179665	.2126191
4	-.4087041	.3003119	-1.36	0.180	-1.011901	.1944932
5	-1.75605	1.1223	-1.56	0.124	-4.010135	.4980346
marital_2006						
2	-.1520188	.1114438	-1.36	0.179	-.3758483	.0718107
3	-.0533325	.1375728	-0.39	0.700	-.3296408	.2229758
4	-.0706352	.1139091	-0.62	0.538	-.2994162	.1581458
work_st_2006	-.0984113	.0515551	-1.91	0.062	-.2019573	.0051347
smoking_2006						
2	.2855631	.043158	6.62	0.000	.1988818	.3722444
3	.6588872	.0857187	7.69	0.000	.486695	.8310795
physic_act_2006	-.1589366	.0263786	-6.03	0.000	-.2119173	-.105956
2.srh_2006	.3252173	.0410076	7.93	0.000	.2428541	.4075805
bmibr_2006						
2	-.2179138	.049222	-4.43	0.000	-.3167741	-.1190535
3	-.1393729	.0538293	-2.59	0.013	-.2474865	-.0312593
cardiometcondbr_2006	.2749924	.0363407	7.57	0.000	.2020039	.3479809
cesd_2006	-.0039809	.0098537	-0.40	0.688	-.0237719	.0158101

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0014
Largest FMI = 0.0083
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.74
avg = 50.07
max = 50.11
Model F test: **Equal FMI** — F(20, 50.1) = 108.00
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1498712	.012538	11.95	0.000	.1246892	.1750533
AGE2006	.0763645	.0042791	17.85	0.000	.0677701	.0849589
SEX	-.4232371	.0350007	-12.09	0.000	-.493535	-.3529393
NonWhite	-.2144898	.0544549	-3.94	0.000	-.3238622	-.1051173
totwealth_2006						
2	-.0440487	.0395543	-1.11	0.271	-.1234919	.0353945
3	.0345637	.0945646	0.37	0.716	-.1553647	.2244921
4	-.3843373	.295217	-1.30	0.199	-.977308	.2086333

5	-1.780033	1.111081	-1.60	0.115	-4.011585	.4515188
marital_2006						
2	-.1865162	.1115636	-1.67	0.101	-.4105862	.0375539
3	-.0498729	.138351	-0.36	0.720	-.3277443	.2279986
4	-.0841734	.1143913	-0.74	0.465	-.3139227	.145576
work_st_2006	-.0909743	.0500874	-1.82	0.075	-.1915725	.0096239
smoking_2006						
2	.2862381	.0427224	6.70	0.000	.2004317	.3720446
3	.657749	.0868019	7.58	0.000	.48338	.832118
physic_act_2006	-.1564658	.0258887	-6.04	0.000	-.2084624	-.1044692
2.srh_2006	.3295291	.0415005	7.94	0.000	.246176	.4128822
bmibr_2006						
2	-.1912379	.0491254	-3.89	0.000	-.2899041	-.0925717
3	-.0823859	.0530904	-1.55	0.127	-.1890154	.0242437
cardiometcondbr_2006	.2845035	.0365095	7.79	0.000	.211176	.357831
cesd_2006	-.0040107	.0097146	-0.41	0.681	-.0235222	.0155009

```
178 .
179 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2006 SEX NonWhite  i.totwealth_2006 i.marital_2006 work
      3.
180 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0014
Largest FMI = 0.0094
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.68
avg = 50.07
max = 50.11
Model F test: Equal FMI — F(20, 50.1) = 104.37
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0684837	.0276814	-2.47	0.017	-.124081	-.0128865
AGE2006	.095523	.0039731	24.04	0.000	.0875432	.1035029
SEX	-.4229709	.0368309	-11.48	0.000	-.4969448	-.3489971
NonWhite	-.1413368	.0564363	-2.50	0.016	-.2546889	-.0279847
totwealth_2006						
2	-.1306223	.0402159	-3.25	0.002	-.2113943	-.0498503
3	-.0655252	.0990983	-0.66	0.512	-.2645594	.1335089
4	-.5238732	.3188671	-1.64	0.107	-1.164323	.1165764
5	-1.839865	1.073886	-1.71	0.093	-3.996712	.3169817
marital_2006						
2	-.1423726	.1091513	-1.30	0.198	-.3615978	.0768527
3	-.0626683	.1376475	-0.46	0.651	-.3391268	.2137901
4	-.0675696	.1120946	-0.60	0.549	-.2927063	.157567

work_st_2006	-.1326754	.0540966	-2.45	0.018	-.2413258	-.024025
smoking_2006						
2	.2666188	.0429869	6.20	0.000	.1802812	.3529564
3	.6610494	.0798274	8.28	0.000	.5006862	.8214126
physic_act_2006	-.1938266	.0251517	-7.71	0.000	-.244343	-.1433102
2.srh_2006	.3717869	.0432222	8.60	0.000	.2849759	.4585978
bmibr_2006						
2	-.2356171	.0478221	-4.93	0.000	-.3316658	-.1395684
3	-.1729502	.0503592	-3.43	0.001	-.2740944	-.071806
cardiometcondbr_2006	.3096906	.0347609	8.91	0.000	.2398749	.3795063
cesd_2006	.0191717	.0112444	1.70	0.094	-.0034126	.041756

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0011
Largest FMI = 0.0080
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.76
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(20, 50.1) = 96.81
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.4063707	.0644523	6.30	0.000	.2769214	.53582
AGE2006	.0877496	.0040358	21.74	0.000	.0796438	.0958553
SEX	-.4247456	.0361111	-11.76	0.000	-.4972739	-.3522173
NonWhite	-.1519844	.0562185	-2.70	0.009	-.2648988	-.03907
totwealth_2006						
2	-.0958231	.0402549	-2.38	0.021	-.1766734	-.0149728
3	-.0393735	.0967898	-0.41	0.686	-.2337712	.1550241
4	-.4949666	.3144015	-1.57	0.122	-1.126449	.1365156
5	-1.813813	1.071916	-1.69	0.097	-3.966703	.3390768
marital_2006						
2	-.1536459	.1112455	-1.38	0.173	-.3770772	.0697853
3	-.0361703	.1410584	-0.26	0.799	-.3194794	.2471388
4	-.0544705	.1146824	-0.47	0.637	-.2848047	.1758636
work_st_2006	-.1380551	.052978	-2.61	0.012	-.2444589	-.0316512
smoking_2006						
2	.2663864	.0415464	6.41	0.000	.182942	.3498307
3	.6670663	.0783629	8.51	0.000	.5096511	.8244815
physic_act_2006	-.1812982	.0260986	-6.95	0.000	-.2337165	-.12888
2.srh_2006	.3428467	.0419162	8.18	0.000	.2586587	.4270346
bmibr_2006						
2	-.2168139	.0493686	-4.39	0.000	-.3159685	-.1176592

3	-.1432495	.0525841	-2.72	0.009	-.2488623 -.0376367
cardiometcondbr_2006	.3043229	.0355255	8.57	0.000	.2329716 .3756743
cesd_2006	.0020415	.009938	0.21	0.838	-.0179188 .0220018

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0011
Largest FMI = 0.0078
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.77
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(20, 50.1) = 100.70
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.4616432	.0579801	7.96	0.000	.345193	.5780934
AGE2006	.0887893	.0039108	22.70	0.000	.0809345	.0966441
SEX	-.4224376	.0345032	-12.24	0.000	-.4917366	-.3531387
NonWhite	-.15644	.0569768	-2.75	0.008	-.2708772	-.0420029
totwealth_2006						
2	-.1024708	.038344	-2.67	0.010	-.1794831	-.0254584
3	-.0441083	.097794	-0.45	0.654	-.2405227	.1523061
4	-.5212947	.3067452	-1.70	0.095	-1.137411	.0948212
5	-1.812445	1.07195	-1.69	0.097	-3.965404	.3405148
marital_2006						
2	-.1472423	.1123543	-1.31	0.196	-.3729005	.078416
3	-.0412441	.1402841	-0.29	0.770	-.3229979	.2405097
4	-.0622402	.1150478	-0.54	0.591	-.2933081	.1688278
work_st_2006	-.1311498	.0523789	-2.50	0.016	-.2363503	-.0259492
smoking_2006						
2	.2791704	.0426659	6.54	0.000	.1934777	.3648632
3	.6739093	.0771398	8.74	0.000	.518952	.8288666
physic_act_2006	-.1733515	.0255411	-6.79	0.000	-.22465	-.1220531
2.srh_2006	.3430477	.0404138	8.49	0.000	.2618774	.424218
bmibr_2006						
2	-.220543	.0485466	-4.54	0.000	-.318047	-.1230391
3	-.1388466	.0518378	-2.68	0.010	-.2429604	-.0347327
cardiometcondbr_2006	.2959056	.0360716	8.20	0.000	.2234574	.3683538
cesd_2006	.0004946	.010468	0.05	0.962	-.02053	.0215193

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = **52** Population size = **21,648,399**
Number of PSUs = **104** Subpop. no. obs = **6,368**
Subpop. size = **21,635,971**
Average RVI = **0.0010**
Largest FMI = **0.0060**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **49.87**
avg = **50.08**
max = **50.11**
Model F test: **Equal FMI** F(**20**, **50.1**) = **103.30**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4215481	.0661385	6.37	0.000	.2887118	.5543844
AGE2006	.0880197	.0038695	22.75	0.000	.080248	.0957915
SEX	-.4397576	.0357907	-12.29	0.000	-.5116421	-.367873
NonWhite	-.1618121	.0567516	-2.85	0.006	-.2757967	-.0478275
totwealth_2006						
2	-.0970293	.039812	-2.44	0.018	-.17699	-.0170686
3	-.0410948	.0978575	-0.42	0.676	-.2376368	.1554472
4	-.5185466	.3069555	-1.69	0.097	-1.135079	.0979859
5	-1.804078	1.069041	-1.69	0.098	-3.951195	.3430387
marital_2006						
2	-.1520583	.1094821	-1.39	0.171	-.3719479	.0678312
3	-.0279719	.136324	-0.21	0.838	-.3017723	.2458284
4	-.0654516	.1125069	-0.58	0.563	-.2914163	.1605131
work_st_2006	-.1360136	.0522081	-2.61	0.012	-.240871	-.0311561
smoking_2006						
2	.2643906	.0422485	6.26	0.000	.1795362	.349245
3	.6260226	.0932753	6.71	0.000	.4386618	.8133834
physic_act_2006	-.1745971	.0253728	-6.88	0.000	-.2255575	-.1236367
2.srh_2006	.3509534	.0415817	8.44	0.000	.2674376	.4344693
bmibr_2006						
2	-.2103325	.0483696	-4.35	0.000	-.3074808	-.1131842
3	-.123578	.0511219	-2.42	0.019	-.2262542	-.0209019
cardiometcondbr_2006	.2927921	.0386132	7.58	0.000	.2152393	.3703449
cesd_2006	.0039723	.010837	0.37	0.715	-.0177935	.0257381

```
181 .
182 . ****************MEN***********************
183 .
```

```
184 .
185 . ***MODEL 1****
186 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(Men): stcox `x' AGE2006 SEX NonWhite
  3.
187 . }
```

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      6,951

Number of strata  =        52                 Population size   =  22,747,247
Number of PSUs    =       104                 Subpop. no. obs   =      2,854
                                              Subpop. size      =  9,381,844
                                              Average RVI       =     0.0000
                                              Largest FMI       =     0.0000
                                              Complete DF       =         52
DF adjustment:   Small sample                 DF:     min       =      50.11
                                                      avg       =      50.11
                                                      max       =      50.11
Model F test:       Equal FMI                 F(   3,   50.1)   =     222.68
Within VCE type:   Linearized                 Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	.0304319	.010454	2.91	0.005	.0094356	.0514281
AGE2006	.1077162	.0042423	25.39	0.000	.0991958	.1162366
SEX	0	(omitted)				
NonWhite	.1012216	.0671575	1.51	0.138	-.0336609	.2361041

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      6,951

Number of strata  =        52                 Population size   =  22,747,247
Number of PSUs    =       104                 Subpop. no. obs   =      2,854
                                              Subpop. size      =  9,381,844
                                              Average RVI       =     0.0000
                                              Largest FMI       =     0.0000
                                              Complete DF       =         52
DF adjustment:   Small sample                 DF:     min       =      50.11
                                                      avg       =      50.11
                                                      max       =      50.11
Model F test:       Equal FMI                 F(   3,   50.1)   =     215.12
Within VCE type:   Linearized                 Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.1025406	.0162458	6.31	0.000	.0699116	.1351695
AGE2006	.0882368	.0046697	18.90	0.000	.078858	.0976155
SEX	0	(omitted)				
NonWhite	-.0815168	.0703617	-1.16	0.252	-.2228349	.0598013

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      6,951
```

```
Number of strata  =        52                 Population size   =  22,747,247
Number of PSUs    =       104                 Subpop. no. obs   =       2,854
                                              Subpop. size      =   9,381,844
                                              Average RVI       =      0.0000
                                              Largest FMI       =      0.0000
                                              Complete DF       =          52
DF adjustment:   Small sample                 DF:     min       =       50.11
                                                      avg       =       50.11
                                                      max       =       50.11
Model F test:       Equal FMI                 F(   3,   50.1)   =      206.51
Within VCE type:   Linearized                 Prob > F          =      0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1436995	.0119112	12.06	0.000	.1197764	.1676226
AGE2006	.0784098	.0047246	16.60	0.000	.0689208	.0878988
SEX	0	(omitted)				
NonWhite	-.0506282	.0696594	-0.73	0.471	-.1905358	.0892793

```
Multiple-imputation estimates                 Imputations       =           5
Survey: Cox regression                        Number of obs     =       6,951

Number of strata  =        52                 Population size   =  22,747,247
Number of PSUs    =       104                 Subpop. no. obs   =       2,854
                                              Subpop. size      =   9,381,844
                                              Average RVI       =      0.0000
                                              Largest FMI       =      0.0000
                                              Complete DF       =          52
DF adjustment:   Small sample                 DF:     min       =       50.11
                                                      avg       =       50.11
                                                      max       =       50.11
Model F test:       Equal FMI                 F(   3,   50.1)   =      240.03
Within VCE type:   Linearized                 Prob > F          =      0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1795256	.0140081	12.82	0.000	.1513911	.2076601
AGE2006	.085245	.004671	18.25	0.000	.0758635	.0946265
SEX	0	(omitted)				
NonWhite	-.049886	.0676021	-0.74	0.464	-.1856614	.0858894

```
188 .
189 .
190 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(Men): stcox `x' AGE2006 SEX NonWhite
      3.
191 . }

Multiple-imputation estimates                 Imputations       =           5
Survey: Cox regression                        Number of obs     =       6,951
```

Number of strata = **52** Population size = **22,747,247**
Number of PSUs = **104** Subpop. no. obs = **2,854**
Subpop. size = **9,381,844**
Average RVI = **0.0000**
Largest FMI = **0.0000**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **50.11**
avg = **50.11**
max = **50.11**
Model F test: **Equal FMI** F(**3**, **50.1**) = **226.18**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	**.0987072**	**.0338784**	**2.91**	**0.005**	**.0306641**	**.1667503**
AGE2006	**.107776**	**.0042279**	**25.49**	**0.000**	**.0992845**	**.1162676**
SEX	**0**	(omitted)				
NonWhite	**.1005973**	**.0674505**	**1.49**	**0.142**	**-.0348736**	**.2360683**

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,951**

Number of strata = **52** Population size = **22,747,247**
Number of PSUs = **104** Subpop. no. obs = **2,854**
Subpop. size = **9,381,844**
Average RVI = **0.0000**
Largest FMI = **0.0000**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **50.11**
avg = **50.11**
max = **50.11**
Model F test: **Equal FMI** F(**3**, **50.1**) = **244.88**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	**.6742255**	**.079509**	**8.48**	**0.000**	**.5145355**	**.8339155**
AGE2006	**.0959528**	**.004528**	**21.19**	**0.000**	**.0868585**	**.105047**
SEX	**0**	(omitted)				
NonWhite	**.0500816**	**.06236**	**0.80**	**0.426**	**-.0751653**	**.1753286**

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,951**

Number of strata = **52** Population size = **22,747,247**
Number of PSUs = **104** Subpop. no. obs = **2,854**
Subpop. size = **9,381,844**
Average RVI = **0.0000**
Largest FMI = **0.0000**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **50.11**
avg = **50.11**
max = **50.11**
Model F test: **Equal FMI** F(**3**, **50.1**) = **218.15**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.7159148	.0629325	11.38	0.000	.589518	.8423116
AGE2006	.0962347	.0043	22.38	0.000	.0875983	.104871
SEX	0	(omitted)				
NonWhite	.0314492	.0673913	0.47	0.643	-.103903	.1668014

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,951

Number of strata = 52 — Population size = 22,747,247
Number of PSUs = 104 — Subpop. no. obs = 2,854
Subpop. size = 9,381,844
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 52
DF adjustment: Small sample — DF: min = 50.11
avg = 50.11
max = 50.11
Model F test: Equal FMI — F(3, 50.1) = 244.84
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.7082765	.0685878	10.33	0.000	.5705213	.8460317
AGE2006	.097639	.0043687	22.35	0.000	.0888647	.1064133
SEX	0	(omitted)				
NonWhite	.0405269	.0644847	0.63	0.533	-.0889874	.1700411

```
192 .
193 .
194 . ***MODEL 2****
195 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(Men): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2006 w
> 006
  3.
196 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,750

Number of strata = 52 — Population size = 22,123,475
Number of PSUs = 104 — Subpop. no. obs = 2,653
Subpop. size = 8,758,072
Average RVI = 0.0029
Largest FMI = 0.0186
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.12
avg = 50.04
max = 50.11
Model F test: Equal FMI — F(23, 50.1) = 100.20
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.016093	.0127385	-1.26	0.212	-.041678	.0094921
AGE2006	.1036469	.0051342	20.19	0.000	.0933351	.1139588
SEX	0	(omitted)				
NonWhite	-.2308494	.0670781	-3.44	0.001	-.3655794	-.0961194
education						
2	-.1602199	.1095702	-1.46	0.150	-.3802878	.0598479
3	-.0951368	.0608167	-1.56	0.124	-.2172846	.027011
4	-.0931697	.0825394	-1.13	0.264	-.2589462	.0726067
5	-.2138662	.0785643	-2.72	0.009	-.3716595	-.0560729
totwealth_2006						
2	-.1228089	.0608405	-2.02	0.049	-.2450043	-.0006136
3	-.0481119	.1245734	-0.39	0.701	-.2983121	.2020884
4	-.487756	.3480434	-1.40	0.167	-1.186809	.2112971
5	-.7174407	1.100326	-0.65	0.517	-2.92739	1.492509
marital_2006						
2	-.08839	.166696	-0.53	0.598	-.4231908	.2464108
3	-.0066376	.1959524	-0.03	0.973	-.4002005	.3869253
4	-.0020568	.1719817	-0.01	0.991	-.3474751	.3433615
work_st_2006	-.0130599	.0739497	-0.18	0.861	-.1615848	.1354649
smoking_2006						
2	.264289	.0652063	4.05	0.000	.1333229	.3952552
3	.6648645	.1123479	5.92	0.000	.4391066	.8906224
physic_act_2006	-.2374349	.0375299	-6.33	0.000	-.3128137	-.1620562
2.srh_2006	.3990704	.0626389	6.37	0.000	.2732579	.524883
bmibr_2006						
2	-.2309544	.0453223	-5.10	0.000	-.3219854	-.1399234
3	-.1840244	.0604044	-3.05	0.004	-.3053442	-.0627047
cardiometcondbr_2006	.2920413	.0407086	7.17	0.000	.2102794	.3738032
cesd_2006	.0057255	.018306	0.31	0.756	-.0310432	.0424941

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,750

Number of strata = 52 — Population size = 22,123,475
Number of PSUs = 104 — Subpop. no. obs = 2,653
Subpop. size = 8,758,072
Average RVI = 0.0029
Largest FMI = 0.0174
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.19
avg = 50.04
max = 50.11
Model F test: **Equal FMI** — F(23, 50.1) = 88.21
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0800638	.0152841	5.24	0.000	.0493662	.1107613
AGE2006	.089224	.0062818	14.20	0.000	.0766072	.1018407
SEX	0	(omitted)				
NonWhite	-.2731426	.0689054	-3.96	0.000	-.4115412	-.1347439
education						
2	-.1564095	.1103495	-1.42	0.163	-.3780422	.0652233
3	-.0598983	.060315	-0.99	0.325	-.1810381	.0612415
4	-.0398845	.0803526	-0.50	0.622	-.201269	.1215
5	-.1199582	.078789	-1.52	0.134	-.2782031	.0382867
totwealth_2006						
2	-.0874913	.0625805	-1.40	0.168	-.2131814	.0381988
3	-.012918	.1241285	-0.10	0.918	-.2622244	.2363885
4	-.428212	.3250723	-1.32	0.194	-1.081144	.2247203
5	-.4262137	1.073547	-0.40	0.693	-2.582381	1.729954
marital_2006						
2	-.1098613	.1820358	-0.60	0.549	-.4754714	.2557489
3	-.0146391	.2103555	-0.07	0.945	-.4371297	.4078514
4	.0068205	.1870445	0.04	0.971	-.3688505	.3824916
work_st_2006	.0201118	.0730501	0.28	0.784	-.1266065	.1668301
smoking_2006						
2	.2760759	.0650728	4.24	0.000	.1453772	.4067746
3	.6823865	.1126542	6.06	0.000	.4560217	.9087513
physic_act_2006	-.214571	.0389004	-5.52	0.000	-.2927024	-.1364396
2.srh_2006	.3932184	.0620837	6.33	0.000	.2685211	.5179157
bmibr_2006						
2	-.2134375	.0435422	-4.90	0.000	-.3008932	-.1259818
3	-.1558197	.0603733	-2.58	0.013	-.2770771	-.0345623
cardiometcondbr_2006	.2749802	.0395614	6.95	0.000	.1955224	.3544381
cesd_2006	-.0114761	.0161525	-0.71	0.481	-.0439188	.0209667

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,750

Number of strata = 52 — Population size = 22,123,475
Number of PSUs = 104 — Subpop. no. obs = 2,653
Subpop. size = 8,758,072
Average RVI = 0.0027
Largest FMI = 0.0182
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.14
avg = 50.04
max = 50.11
Model F test: **Equal FMI** — F(23, 50.1) = 88.98
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.074616	.0130495	5.72	0.000	.0484066	.1008255
AGE2006	.0892759	.0057412	15.55	0.000	.0777449	.1008068
SEX	0	(omitted)				
NonWhite	-.2411169	.0661243	-3.65	0.001	-.3739302	-.1083036
education						
2	-.1224595	.1088158	-1.13	0.266	-.3410119	.0960929
3	-.0485397	.0580143	-0.84	0.407	-.1650587	.0679792
4	-.0395018	.0820573	-0.48	0.632	-.20431	.1253064
5	-.134897	.0806089	-1.67	0.100	-.2967969	.027003
totwealth_2006						
2	-.083751	.0615941	-1.36	0.180	-.2074599	.039958
3	-.0019709	.1237208	-0.02	0.987	-.2504584	.2465167
4	-.4202316	.3301914	-1.27	0.209	-1.083444	.2429813
5	-.4547636	1.089127	-0.42	0.678	-2.642222	1.732694
marital_2006						
2	-.0895386	.1795948	-0.50	0.620	-.4502459	.2711687
3	-.0123704	.2095553	-0.06	0.953	-.433254	.4085132
4	.0069502	.1839155	0.04	0.970	-.3624365	.3763369
work_st_2006	.0083277	.0730413	0.11	0.910	-.1383728	.1550282
smoking_2006						
2	.2793079	.0654954	4.26	0.000	.1477609	.4108549
3	.6553564	.1137884	5.76	0.000	.4267065	.8840062
physic_act_2006	-.2078088	.0398167	-5.22	0.000	-.2877803	-.1278373
2.srh_2006	.3954744	.0611926	6.46	0.000	.2725666	.5183823
bmibr_2006						
2	-.2189301	.0442484	-4.95	0.000	-.3078039	-.1300563
3	-.1614325	.0592909	-2.72	0.009	-.2805159	-.0423492
cardiometcondbr_2006	.2610212	.039983	6.53	0.000	.1807166	.3413257
cesd_2006	-.0111107	.0164616	-0.67	0.503	-.0441743	.0219529

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,750

Number of strata = 52 — Population size = 22,123,475
Number of PSUs = 104 — Subpop. no. obs = 2,653
Subpop. size = 8,758,072
Average RVI = 0.0033
Largest FMI = 0.0193
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.07
avg = 50.03
max = 50.11
Model F test: **Equal FMI** — F(23, 50.1) = 91.41
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1207128	.0180338	6.69	0.000	.0844926	.1569331
AGE2006	.0895757	.0057794	15.50	0.000	.0779679	.1011834
SEX	0	(omitted)				
NonWhite	-.2344294	.06496	-3.61	0.001	-.3649053	-.1039536
education						
2	-.092629	.1086651	-0.85	0.398	-.3108788	.1256208
3	-.0082068	.0565748	-0.15	0.885	-.1218346	.105421
4	.0076956	.0813171	0.09	0.925	-.155626	.1710173
5	-.0759611	.08021	-0.95	0.348	-.2370601	.085138
totwealth_2006						
2	-.0774077	.0627007	-1.23	0.223	-.2033392	.0485237
3	.0101337	.1241338	0.08	0.935	-.2391835	.2594509
4	-.4088557	.325979	-1.25	0.216	-1.063621	.2459093
5	-.464301	1.061559	-0.44	0.664	-2.59639	1.667788
marital_2006						
2	-.1086471	.1817415	-0.60	0.553	-.4736661	.2563719
3	-.0053189	.2105349	-0.03	0.980	-.4281698	.4175321
4	.0063404	.1878194	0.03	0.973	-.3708871	.383568
work_st_2006	.0149216	.0727765	0.21	0.838	-.1312471	.1610903
smoking_2006						
2	.282288	.0643595	4.39	0.000	.153022	.4115539
3	.6849989	.1121761	6.11	0.000	.4595805	.9104173
physic_act_2006	-.2036375	.039115	-5.21	0.000	-.2822	-.1250751
2.srh_2006	.4039867	.0620295	6.51	0.000	.2793978	.5285757
bmibr_2006						
2	-.1937786	.0432844	-4.48	0.000	-.2807167	-.1068404
3	-.1161553	.0592803	-1.96	0.056	-.2352175	.0029068
cardiometcondbr_2006	.2688651	.0398147	6.75	0.000	.1888986	.3488316
cesd_2006	-.011061	.0158877	-0.70	0.490	-.0429721	.02085

```
197 .
198 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(Men): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2006 w
> 006
  3.
199 . }

Multiple-imputation estimates                Imputations       =          5
Survey: Cox regression                       Number of obs     =      6,750
```

Number of strata = **52** Population size = **22,123,475**
Number of PSUs = **104** Subpop. no. obs = **2,653**
Subpop. size = **8,758,072**
Average RVI = **0.0028**
Largest FMI = **0.0175**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **49.19**
avg = **50.04**
max = **50.11**
Model F test: **Equal FMI** F(**23**, **50.1**) = **96.50**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0109874	.0369678	-0.30	0.768	-.0852373	.0632625
AGE2006	.1036005	.0051516	20.11	0.000	.0932536	.1139474
SEX	0	(omitted)				
NonWhite	-.2255608	.0671148	-3.36	0.001	-.3603641	-.0907575
education						
2	-.1575841	.1092167	-1.44	0.155	-.3769417	.0617736
3	-.0942434	.0603132	-1.56	0.124	-.2153801	.0268933
4	-.0918403	.0819397	-1.12	0.268	-.2564124	.0727318
5	-.2140789	.0785455	-2.73	0.009	-.3718345	-.0563233
totwealth_2006						
2	-.1253155	.0609098	-2.06	0.045	-.24765	-.0029811
3	-.0531583	.1248564	-0.43	0.672	-.3039268	.1976102
4	-.496686	.3480049	-1.43	0.160	-1.195662	.2022906
5	-.7094462	1.098337	-0.65	0.521	-2.915402	1.49651
marital_2006						
2	-.0897671	.1686359	-0.53	0.597	-.4284641	.24893
3	-.0072497	.1978465	-0.04	0.971	-.4046168	.3901174
4	-.0031001	.1745802	-0.02	0.986	-.3537373	.347537
work_st_2006	-.0125323	.0737221	-0.17	0.866	-.1606001	.1355355
smoking_2006						
2	.2627318	.0655236	4.01	0.000	.1311285	.3943352
3	.6655461	.1130971	5.88	0.000	.4382911	.8928011
physic_act_2006	-.2370562	.0376043	-6.30	0.000	-.3125845	-.161528
2.srh_2006	.3933139	.0616466	6.38	0.000	.2694947	.5171332
bmibr_2006						
2	-.2311285	.0453785	-5.09	0.000	-.3222724	-.1399847
3	-.1882441	.0604577	-3.11	0.003	-.3096708	-.0668173
cardiometcondbr_2006	.2908508	.0407355	7.14	0.000	.2090349	.3726666
cesd_2006	-.000408	.0179242	-0.02	0.982	-.0364099	.0355939

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,750**

Number of strata	= 52	Population size	= 22,123,475
Number of PSUs	= 104	Subpop. no. obs	= 2,653
		Subpop. size	= 8,758,072
		Average RVI	= 0.0026
		Largest FMI	= 0.0156
		Complete DF	= 52
DF adjustment:	**Small sample**	DF: min	= 49.31
		avg	= 50.05
		max	= 50.11
Model F test:	**Equal FMI**	F(23, 50.1)	= 89.61
Within VCE type:	**Linearized**	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.3042427	.0883779	3.44	0.001	.1267388	.4817466
AGE2006	.0985098	.0054329	18.13	0.000	.0875979	.1094217
SEX	0	(omitted)				
NonWhite	-.220705	.0657573	-3.36	0.002	-.3527814	-.0886287
education						
2	-.1419918	.1113152	-1.28	0.208	-.3655639	.0815803
3	-.07379	.063185	-1.17	0.248	-.2006943	.0531144
4	-.0693056	.0799378	-0.87	0.390	-.2298569	.0912456
5	-.1914233	.0818765	-2.34	0.023	-.3558688	-.0269779
totwealth_2006						
2	-.1054476	.0617546	-1.71	0.094	-.2294788	.0185837
3	-.0328516	.1214228	-0.27	0.788	-.2767239	.2110206
4	-.4738291	.3452564	-1.37	0.176	-1.167287	.2196292
5	-.7025466	1.092795	-0.64	0.523	-2.897371	1.492277
marital_2006						
2	-.0936555	.1745655	-0.54	0.594	-.4442618	.2569508
3	.0052316	.2024133	0.03	0.979	-.4013073	.4117704
4	.0054225	.1816554	0.03	0.976	-.3594249	.3702699
work_st_2006	-.0170076	.0734407	-0.23	0.818	-.1645101	.1304948
smoking_2006						
2	.2691457	.064764	4.16	0.000	.1390687	.3992226
3	.6669519	.1133887	5.88	0.000	.439125	.8947788
physic_act_2006	-.2199985	.0391448	-5.62	0.000	-.2986206	-.1413764
2.srh_2006	.3813837	.0619801	6.15	0.000	.2568947	.5058727
bmibr_2006						
2	-.2229543	.046802	-4.76	0.000	-.3169571	-.1289515
3	-.1696886	.0628102	-2.70	0.009	-.2958405	-.0435366
cardiometcondbr_2006	.2866764	.0415483	6.90	0.000	.203228	.3701249
cesd_2006	-.0062856	.0157934	-0.40	0.692	-.0380071	.0254359

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,750

Number of strata	= 52	Population size	= 22,123,475
Number of PSUs	= 104	Subpop. no. obs	= 2,653
		Subpop. size	= 8,758,072
		Average RVI	= 0.0027
		Largest FMI	= 0.0154
		Complete DF	= 52
DF adjustment:	**Small sample**	DF: min	= 49.32
		avg	= 50.05
		max	= 50.11
Model F test:	**Equal FMI**	F(23, 50.1)	= 87.72
Within VCE type:	**Linearized**	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.3693202	.0690734	5.35	0.000	.2305878	.5080526
AGE2006	.0983092	.0051398	19.13	0.000	.0879859	.1086325
SEX	0	(omitted)				
NonWhite	-.2304969	.065429	-3.52	0.001	-.3619135	-.0990804
education						
2	-.1389677	.1079089	-1.29	0.204	-.3556985	.0777631
3	-.069916	.0581813	-1.20	0.235	-.1867706	.0469387
4	-.0609337	.0822007	-0.74	0.462	-.22603	.1041626
5	-.1788352	.080675	-2.22	0.031	-.3408674	-.0168029
totwealth_2006						
2	-.1137527	.0606122	-1.88	0.066	-.2354895	.0079841
3	-.0405204	.1203954	-0.34	0.738	-.2823292	.2012883
4	-.5048254	.3422374	-1.48	0.146	-1.192229	.1825784
5	-.7040445	1.092429	-0.64	0.522	-2.898135	1.490046
marital_2006						
2	-.0743149	.1795406	-0.41	0.681	-.4349135	.2862837
3	.0135228	.2051372	0.07	0.948	-.3984868	.4255325
4	.0079337	.1840028	0.04	0.966	-.3616283	.3774957
work_st_2006	-.0139907	.0732009	-0.19	0.849	-.1610116	.1330302
smoking_2006						
2	.2823423	.0646083	4.37	0.000	.1525778	.4121068
3	.6671399	.1131037	5.90	0.000	.4398869	.8943929
physic_act_2006	-.2164113	.0393195	-5.50	0.000	-.2953841	-.1374385
2.srh_2006	.382296	.0603839	6.33	0.000	.2610127	.5035794
bmibr_2006						
2	-.2297178	.0452073	-5.08	0.000	-.3205177	-.1389179
3	-.1727016	.0589026	-2.93	0.005	-.2910052	-.0543979
cardiometcondbr_2006	.2814073	.0401409	7.01	0.000	.2007855	.3620291
cesd_2006	-.0053333	.0160989	-0.33	0.742	-.0376684	.0270018

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,750

Number of strata	= 52	Population size	= 22,123,475
Number of PSUs	= 104	Subpop. no. obs	= 2,653
		Subpop. size	= 8,758,072
		Average RVI	= 0.0028
		Largest FMI	= 0.0165
		Complete DF	= 52
DF adjustment:	**Small sample**	DF: min	= 49.25
		avg	= 50.04
		max	= 50.11
Model F test:	**Equal FMI**	F(23, 50.1)	= 87.98
Within VCE type:	**Linearized**	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4480723	.0730918	6.13	0.000	.301269	.5948756
AGE2006	.0976235	.0051513	18.95	0.000	.0872772	.1079698
SEX	0	(omitted)				
NonWhite	-.2246054	.0634566	-3.54	0.001	-.3520602	-.0971507
education						
2	-.1362876	.1104257	-1.23	0.223	-.3580732	.0854981
3	-.06075	.0593321	-1.02	0.311	-.1799159	.058416
4	-.0539695	.083511	-0.65	0.521	-.2216974	.1137585
5	-.161148	.0812439	-1.98	0.053	-.324323	.0020269
totwealth_2006						
2	-.0962683	.0618421	-1.56	0.126	-.2204752	.0279386
3	-.0270882	.1198819	-0.23	0.822	-.2678656	.2136893
4	-.4956828	.3380868	-1.47	0.149	-1.174752	.1833869
5	-.7012777	1.093134	-0.64	0.524	-2.896784	1.494229
marital_2006						
2	-.0942652	.1735184	-0.54	0.589	-.4427684	.254238
3	.0042509	.1978608	0.02	0.983	-.3931445	.4016463
4	-.0085049	.178127	-0.05	0.962	-.3662658	.349256
work_st_2006	-.0190233	.0725764	-0.26	0.794	-.1647899	.1267432
smoking_2006						
2	.2745105	.0615598	4.46	0.000	.1508681	.398153
3	.6635847	.1103329	6.01	0.000	.4418913	.8852781
physic_act_2006	-.2142541	.0385782	-5.55	0.000	-.2917384	-.1367699
2.srh_2006	.3936294	.0613962	6.41	0.000	.270313	.5169458
bmibr_2006						
2	-.2131105	.0450603	-4.73	0.000	-.3036152	-.1226059
3	-.147044	.0583291	-2.52	0.015	-.2641959	-.029892
cardiometcondbr_2006	.2795329	.0412048	6.78	0.000	.1967743	.3622915
cesd_2006	-.0016699	.0154219	-0.11	0.914	-.0326452	.0293053

```
200 .
201 .
202 . ***MODEL 3: MODEL 2 + ALCOHOL (SENSITIVITY ANALYSIS)****
203 .
204 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(Men): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2006 w
> 006 alcohol_2006
  3.
205 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,623

Number of strata = 52 — Population size = 21,712,299
Number of PSUs = 104 — Subpop. no. obs = 2,526
Subpop. size = 8,346,896
Average RVI = 0.0026
Largest FMI = 0.0179
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.16
avg = 50.04
max = 50.11
Model F test: Equal FMI — F(24, 50.1) = 88.77
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.017469	.0125965	-1.39	0.172	-.0427689	.0078308
AGE2006	.1021634	.0050813	20.11	0.000	.0919577	.1123691
SEX	0	(omitted)				
NonWhite	-.2456752	.0709865	-3.46	0.001	-.3882542	-.1030962
education						
2	-.1603926	.11742	-1.37	0.178	-.3962261	.0754409
3	-.0914284	.0600167	-1.52	0.134	-.2119696	.0291127
4	-.1012972	.0810627	-1.25	0.217	-.2641079	.0615134
5	-.2050468	.0790514	-2.59	0.012	-.3638182	-.0462755
totwealth_2006						
2	-.1014078	.0614543	-1.65	0.105	-.224836	.0220204
3	.0160195	.1257634	0.13	0.899	-.2365712	.2686102
4	-.4566216	.3389357	-1.35	0.184	-1.137381	.2241378
5	-.737792	1.10037	-0.67	0.506	-2.947832	1.472248
marital_2006						
2	-.1316887	.1576323	-0.84	0.407	-.4482854	.1849081
3	-.0167649	.1838928	-0.09	0.928	-.3861062	.3525763
4	-.0425491	.1627195	-0.26	0.795	-.3693648	.2842667
work_st_2006	-.0315242	.0809428	-0.39	0.699	-.1940942	.1310458
smoking_2006						
2	.2803424	.0672968	4.17	0.000	.1451784	.4155064
3	.6501121	.1144898	5.68	0.000	.4200552	.8801689
physic_act_2006	-.2310547	.036656	-6.30	0.000	-.3046781	-.1574312
2.srh_2006	.3878718	.0633614	6.12	0.000	.2606087	.5151349
bmibr_2006						
2	-.2275695	.0479072	-4.75	0.000	-.3237918	-.1313471
3	-.171216	.0664188	-2.58	0.013	-.3046153	-.0378168

cardiometcondbr_2006	.2910898	.0408438	7.13	0.000	.2090561	.3731235
cesd_2006	.0113288	.0187465	0.60	0.548	-.0263243	.0489818
alcohol_2006	-.038692	.0219078	-1.77	0.083	-.0826936	.0053096

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,623

Number of strata = 52 — Population size = 21,712,299
Number of PSUs = 104 — Subpop. no. obs = 2,526
Subpop. size = 8,346,896
Average RVI = 0.0030
Largest FMI = 0.0174
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.19
avg = 50.04
max = 50.11
Model F test: **Equal FMI** — F(24, 50.1) = 72.96
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0831788	.0152788	5.44	0.000	.0524917	.1138659
AGE2006	.0871644	.0061343	14.21	0.000	.0748438	.0994849
SEX	0	(omitted)				
NonWhite	-.2845991	.0717841	-3.96	0.000	-.4287788	-.1404194
education						
2	-.1475314	.1170188	-1.26	0.213	-.3825589	.087496
3	-.0543333	.060553	-0.90	0.374	-.1759511	.0672845
4	-.0490679	.080013	-0.61	0.542	-.2097704	.1116345
5	-.1083049	.0799423	-1.35	0.182	-.268866	.0522561
totwealth_2006						
2	-.0668128	.0634717	-1.05	0.298	-.1942929	.0606673
3	.0407186	.1243144	0.33	0.745	-.2089614	.2903987
4	-.4022819	.3167254	-1.27	0.210	-1.038449	.233885
5	-.4318728	1.068756	-0.40	0.688	-2.578417	1.714671
marital_2006						
2	-.1633727	.1708561	-0.96	0.344	-.5065288	.1797834
3	-.0359953	.1937917	-0.19	0.853	-.425218	.3532274
4	-.0448122	.176954	-0.25	0.801	-.4002172	.3105927
work_st_2006	.0009272	.0795976	0.01	0.991	-.1589413	.1607956
smoking_2006						
2	.2861793	.0668823	4.28	0.000	.151847	.4205117
3	.6622889	.1157643	5.72	0.000	.4296749	.8949029
physic_act_2006	-.2085342	.0377495	-5.52	0.000	-.2843541	-.1327143
2.srh_2006	.3830029	.0616041	6.22	0.000	.2592693	.5067366
bmibr_2006						
2	-.2096336	.0458773	-4.57	0.000	-.3017788	-.1174883
3	-.1439228	.0668699	-2.15	0.036	-.2782281	-.0096174
cardiometcondbr_2006	.2753005	.0394302	6.98	0.000	.1961061	.3544949
cesd_2006	-.0055189	.0165016	-0.33	0.739	-.0386625	.0276247
alcohol_2006	-.0245274	.0205736	-1.19	0.239	-.0658494	.0167945

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,623

Number of strata = 52 — Population size = 21,712,299
Number of PSUs = 104 — Subpop. no. obs = 2,526
Subpop. size = 8,346,896
Average RVI = 0.0025
Largest FMI = 0.0180
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.15
avg = 50.04
max = 50.11
Model F test: Equal FMI — F(24, 50.1) = 79.15
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.0786214	.0134031	5.87	0.000	.0517018	.105541
AGE2006	.0871509	.0056476	15.43	0.000	.0758078	.098494
SEX	0	(omitted)				
NonWhite	-.2510911	.0691511	-3.63	0.001	-.3899829	-.1121993
education						
2	-.1151962	.1152082	-1.00	0.322	-.3465872	.1161947
3	-.0438307	.0574984	-0.76	0.449	-.1593135	.0716522
4	-.0496613	.0811818	-0.61	0.543	-.212711	.1133884
5	-.1232017	.0808019	-1.52	0.134	-.2854891	.0390858
totwealth_2006						
2	-.0598579	.0629015	-0.95	0.346	-.1861927	.0664768
3	.0595251	.124017	0.48	0.633	-.1895579	.3086081
4	-.391286	.3217907	-1.22	0.230	-1.037627	.2550548
5	-.4562117	1.085337	-0.42	0.676	-2.636058	1.723635
marital_2006						
2	-.1389465	.1700728	-0.82	0.418	-.4805294	.2026365
3	-.0287343	.1963227	-0.15	0.884	-.4230406	.365572
4	-.0389908	.175349	-0.22	0.825	-.3911723	.3131907
work_st_2006	-.0091245	.0799809	-0.11	0.910	-.1697627	.1515137
smoking_2006						
2	.2905468	.0676278	4.30	0.000	.1547175	.4263761
3	.6374145	.1173458	5.43	0.000	.4016178	.8732112
physic_act_2006	-.1998082	.0388522	-5.14	0.000	-.2778426	-.1217737
2.srh_2006	.3852615	.061076	6.31	0.000	.2625884	.5079346
bmibr_2006						
2	-.2149478	.0464464	-4.63	0.000	-.308236	-.1216596
3	-.1470556	.0656339	-2.24	0.030	-.2788785	-.0152326
cardiometcondbr_2006	.2613433	.0400247	6.53	0.000	.1809547	.3417318
cesd_2006	-.0062171	.0168464	-0.37	0.714	-.0400534	.0276192
alcohol_2006	-.0247555	.0205143	-1.21	0.233	-.0659584	.0164474

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,623

Number of strata	= 52	Population size	= 21,712,299
Number of PSUs	= 104	Subpop. no. obs	= 2,526
		Subpop. size	= 8,346,896
		Average RVI	= 0.0034
		Largest FMI	= 0.0201
		Complete DF	= 52
DF adjustment:	**Small sample**	DF: min	= 49.01
		avg	= 50.03
		max	= 50.11
Model F test:	**Equal FMI**	F(24, 50.1)	= 76.59
Within VCE type:	**Linearized**	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1241034	.0183765	6.75	0.000	.0871948	.1610121
AGE2006	.0878493	.0057061	15.40	0.000	.0763888	.0993099
SEX	0	(omitted)				
NonWhite	-.2430208	.0677497	-3.59	0.001	-.379099	-.1069425
education						
2	-.0860887	.115721	-0.74	0.460	-.3185098	.1463324
3	-.003455	.0564777	-0.06	0.951	-.1168879	.1099778
4	-.0047389	.0809938	-0.06	0.954	-.1674111	.1579333
5	-.0689421	.0809642	-0.85	0.399	-.2315557	.0936716
totwealth_2006						
2	-.0567301	.0638295	-0.89	0.378	-.1849288	.0714686
3	.0612648	.1240703	0.49	0.624	-.187925	.3104547
4	-.3851385	.3185641	-1.21	0.232	-1.02501	.2547331
5	-.4677456	1.05765	-0.44	0.660	-2.591983	1.656491
marital_2006						
2	-.1623026	.171935	-0.94	0.350	-.5076257	.1830206
3	-.0294008	.196568	-0.15	0.882	-.4241997	.3653981
4	-.0451349	.1794512	-0.25	0.802	-.4055554	.3152856
work_st_2006	-.003574	.0789325	-0.05	0.964	-.1621068	.1549588
smoking_2006						
2	.2915644	.0662529	4.40	0.000	.1584962	.4246326
3	.6654719	.1143078	5.82	0.000	.4357632	.8951806
physic_act_2006	-.1979128	.0383575	-5.16	0.000	-.2749539	-.1208718
2.srh_2006	.3936957	.0617111	6.38	0.000	.2697466	.5176448
bmibr_2006						
2	-.1910328	.0454234	-4.21	0.000	-.2822667	-.0997989
3	-.1019136	.0652583	-1.56	0.125	-.2329823	.0291552
cardiometcondbr_2006	.2706633	.0397055	6.82	0.000	.1909159	.3504107
cesd_2006	-.0057293	.0161377	-0.36	0.724	-.0381423	.0266838
alcohol_2006	-.0147225	.0202274	-0.73	0.470	-.0553493	.0259043

```
206 .
207 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(Men): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2006 w
> 006 alcohol_2006
  3.
208 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,623

Number of strata = 52 — Population size = 21,712,299
Number of PSUs = 104 — Subpop. no. obs = 2,526
Subpop. size = 8,346,896
Average RVI = 0.0025
Largest FMI = 0.0168
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.23
avg = 50.04
max = 50.11
Model F test: **Equal FMI** — F(24, 50.1) = 85.64
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0160067	.0368724	-0.43	0.666	-.0900648	.0580514
AGE2006	.1021596	.0050918	20.06	0.000	.0919329	.1123863
SEX	0	(omitted)				
NonWhite	-.2406272	.0709808	-3.39	0.001	-.3831946	-.0980598
education						
2	-.1556888	.1167029	-1.33	0.188	-.3900819	.0787043
3	-.0904966	.0595856	-1.52	0.135	-.2101719	.0291786
4	-.0999115	.0806228	-1.24	0.221	-.2618385	.0620155
5	-.2046546	.0790931	-2.59	0.013	-.3635096	-.0457995
totwealth_2006						
2	-.104094	.0614971	-1.69	0.097	-.2276081	.0194202
3	.0105455	.1257822	0.08	0.934	-.242083	.2631741
4	-.4661682	.3386346	-1.38	0.175	-1.146324	.2139872
5	-.7310093	1.098425	-0.67	0.509	-2.937141	1.475122
marital_2006						
2	-.1327217	.1595543	-0.83	0.409	-.4531788	.1877354
3	-.0168146	.1855777	-0.09	0.928	-.38954	.3559108
4	-.0436487	.1651499	-0.26	0.793	-.3753457	.2880483
work_st_2006	-.0310561	.0807791	-0.38	0.702	-.1932973	.1311852
smoking_2006						
2	.2787252	.0677746	4.11	0.000	.1426015	.4148488
3	.6515248	.1152349	5.65	0.000	.4199789	.8830706
physic_act_2006	-.2304362	.0367758	-6.27	0.000	-.3043004	-.1565721
2.srh_2006	.3821538	.0623785	6.13	0.000	.256865	.5074426
bmibr_2006						
2	-.2275693	.0478843	-4.75	0.000	-.3237456	-.131393
3	-.175037	.0666709	-2.63	0.011	-.3089426	-.0411314
cardiometcondbr_2006	.2902478	.0408188	7.11	0.000	.2082644	.3722313
cesd_2006	.0051737	.0185885	0.28	0.782	-.0321622	.0425096
alcohol_2006	-.0387213	.0219186	-1.77	0.083	-.0827447	.0053021

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,623

Number of strata = 52 — Population size = 21,712,299
Number of PSUs = 104 — Subpop. no. obs = 2,526
Subpop. size = 8,346,896
Average RVI = 0.0023
Largest FMI = 0.0152
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.33
avg = 50.05
max = 50.11
Model F test: **Equal FMI** — F(24, 50.1) = 81.58
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.3249012	.0881807	3.68	0.001	.1477934	.502009
AGE2006	.0965442	.0053619	18.01	0.000	.0857749	.1073135
SEX	0	(omitted)				
NonWhite	-.2322339	.0687967	-3.38	0.001	-.370414	-.0940539
education						
2	-.1395311	.1185285	-1.18	0.245	-.3775905	.0985282
3	-.0678355	.0620842	-1.09	0.280	-.1925289	.056858
4	-.0759173	.0790923	-0.96	0.342	-.2347706	.0829359
5	-.1796508	.0824837	-2.18	0.034	-.3453157	-.0139858
totwealth_2006						
2	-.0844562	.0624215	-1.35	0.182	-.2098271	.0409146
3	.0253477	.1219761	0.21	0.836	-.2196362	.2703317
4	-.4464228	.3353415	-1.33	0.189	-1.119965	.2271199
5	-.7254938	1.09313	-0.66	0.510	-2.920991	1.470003
marital_2006						
2	-.1476624	.1624908	-0.91	0.368	-.4740172	.1786923
3	-.0082563	.1855354	-0.04	0.965	-.3808965	.3643838
4	-.0458511	.1699031	-0.27	0.788	-.3870948	.2953926
work_st_2006	-.0371915	.0801533	-0.46	0.645	-.1981758	.1237928
smoking_2006						
2	.2796754	.0669685	4.18	0.000	.1451714	.4141795
3	.6479435	.1156069	5.60	0.000	.4156624	.8802247
physic_act_2006	-.2118555	.0377661	-5.61	0.000	-.2877085	-.1360025
2.srh_2006	.366952	.0616119	5.96	0.000	.243203	.4907009
bmibr_2006						
2	-.220158	.0489588	-4.50	0.000	-.3184923	-.1218236
3	-.1570464	.0686993	-2.29	0.027	-.2950263	-.0190666
cardiometcondbr_2006	.2888858	.0415869	6.95	0.000	.2053596	.3724121
cesd_2006	-.0007048	.0163847	-0.04	0.966	-.0336137	.0322042
alcohol_2006	-.0340262	.0217651	-1.56	0.124	-.077741	.0096886

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,623

Number of strata	= 52	Population size	= 21,712,299
Number of PSUs	= 104	Subpop. no. obs	= 2,526
		Subpop. size	= 8,346,896
		Average RVI	= 0.0025
		Largest FMI	= 0.0148
		Complete DF	= 52
DF adjustment:	**Small sample**	DF: min	= 49.36
		avg	= 50.05
		max	= 50.11
Model F test:	**Equal FMI**	F(24, 50.1)	= 79.19
Within VCE type:	**Linearized**	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.3874451	.0690589	5.61	0.000	.2487418	.5261483
AGE2006	.0965131	.0050733	19.02	0.000	.0863235	.1067026
SEX	0	(omitted)				
NonWhite	-.2422595	.0684674	-3.54	0.001	-.3797777	-.1047414
education						
2	-.1364526	.1147711	-1.19	0.240	-.3669654	.0940603
3	-.0657411	.0568088	-1.16	0.253	-.1798392	.048357
4	-.0693171	.0814708	-0.85	0.399	-.2329474	.0943132
5	-.1671952	.0809717	-2.06	0.044	-.3298233	-.0045671
totwealth_2006						
2	-.0911522	.0608342	-1.50	0.140	-.213335	.0310306
3	.0197879	.1210726	0.16	0.871	-.2233814	.2629572
4	-.4769671	.3329125	-1.43	0.158	-1.145643	.1917086
5	-.7247741	1.092143	-0.66	0.510	-2.91829	1.468742
marital_2006						
2	-.1141115	.1723315	-0.66	0.511	-.460231	.2320079
3	.0154798	.1930683	0.08	0.936	-.3722897	.4032494
4	-.0286893	.1768648	-0.16	0.872	-.3839151	.3265365
work_st_2006	-.0338354	.0796272	-0.42	0.673	-.1937633	.1260924
smoking_2006						
2	.2973649	.0664944	4.47	0.000	.1638125	.4309172
3	.6504484	.1156025	5.63	0.000	.4181791	.8827178
physic_act_2006	-.2070442	.0381479	-5.43	0.000	-.2836638	-.1304245
2.srh_2006	.3689068	.0607886	6.07	0.000	.2468113	.4910024
bmibr_2006						
2	-.2260329	.0470787	-4.80	0.000	-.3205913	-.1314746
3	-.1599969	.0644058	-2.48	0.016	-.2893534	-.0306403
cardiometcondbr_2006	.2829639	.0400242	7.07	0.000	.2025761	.3633517
cesd_2006	-.0003403	.0167676	-0.02	0.984	-.0340182	.0333376
alcohol_2006	-.0361028	.0205303	-1.76	0.085	-.0773378	.0051323

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,623

Number of strata = 52
Number of PSUs = 104
DF adjustment: Small sample
Model F test: Equal FMI
Within VCE type: Linearized

Population size = 21,712,299
Subpop. no. obs = 2,526
Subpop. size = 8,346,896
Average RVI = 0.0024
Largest FMI = 0.0164
Complete DF = 52
DF: min = 49.26
avg = 50.05
max = 50.11
F(24, 50.1) = 79.93
Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4365883	.0724739	6.02	0.000	.291026	.5821506
AGE2006	.09623	.0050949	18.89	0.000	.0859969	.1064631
SEX	0	(omitted)				
NonWhite	-.2378553	.0669784	-3.55	0.001	-.3723828	-.1033277
education						
2	-.131474	.1172409	-1.12	0.267	-.3669472	.1039993
3	-.0570276	.0584998	-0.97	0.334	-.1745218	.0604667
4	-.0659706	.0825887	-0.80	0.428	-.2318462	.0999051
5	-.155637	.0808153	-1.93	0.060	-.3179511	.0066772
totwealth_2006						
2	-.0766356	.0624917	-1.23	0.226	-.2021473	.0488762
3	.0289334	.1214742	0.24	0.813	-.2150425	.2729093
4	-.4692199	.3298325	-1.42	0.161	-1.13171	.1932705
5	-.7199751	1.093572	-0.66	0.513	-2.916361	1.476411
marital_2006						
2	-.1397145	.1662946	-0.84	0.405	-.4737092	.1942801
3	-.0112498	.187535	-0.06	0.952	-.387906	.3654064
4	-.0518968	.1704995	-0.30	0.762	-.3943382	.2905447
work_st_2006	-.0381134	.0791582	-0.48	0.632	-.1970993	.1208724
smoking_2006						
2	.286808	.0634824	4.52	0.000	.1593048	.4143113
3	.6462978	.1119918	5.77	0.000	.4212717	.8713239
physic_act_2006	-.2094418	.0376881	-5.56	0.000	-.2851382	-.1337454
2.srh_2006	.3817268	.0620894	6.15	0.000	.2570188	.5064347
bmibr_2006						
2	-.2097774	.0467214	-4.49	0.000	-.3036181	-.1159366
3	-.133749	.0636245	-2.10	0.041	-.2615364	-.0059617
cardiometcondbr_2006	.2797132	.0412245	6.79	0.000	.1969146	.3625118
cesd_2006	.0030223	.0161098	0.19	0.852	-.0293345	.0353791
alcohol_2006	-.029595	.0206107	-1.44	0.157	-.0709913	.0118013

```
209 .
210 .
211 .
212 . *****************WOMEN*********************
213 .
214 . ***MODEL 1****
215 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(Women): stcox `x' AGE2006 SEX NonWhite
  3.
216 . }
```

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,951**

Number of strata = **52** — Population size = **22,747,247**
Number of PSUs = **104** — Subpop. no. obs = **3,864**
Subpop. size = **13,352,975**
Average RVI = **0.0000**
Largest FMI = **0.0000**
Complete DF = **52**
DF adjustment: **Small sample** — DF: min = **50.11**
avg = **50.11**
max = **50.11**
Model F test: **Equal FMI** — F(**3**, **50.1**) = **258.83**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	.0161789	.0086311	1.87	0.067	-.0011563	.0335141
AGE2006	.1031235	.0037429	27.55	0.000	.0956061	.1106408
SEX	0	(omitted)				
NonWhite	.0858901	.05711	1.50	0.139	-.0288125	.2005926

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,951**

Number of strata = **52** — Population size = **22,747,247**
Number of PSUs = **104** — Subpop. no. obs = **3,864**
Subpop. size = **13,352,975**
Average RVI = **0.0000**
Largest FMI = **0.0000**
Complete DF = **52**
DF adjustment: **Small sample** — DF: min = **50.11**
avg = **50.11**
max = **50.11**
Model F test: **Equal FMI** — F(**3**, **50.1**) = **256.79**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0818919	.0113773	7.20	0.000	.0590412	.1047426
AGE2006	.0805966	.0046776	17.23	0.000	.0712019	.0899913
SEX	0	(omitted)				
NonWhite	-.04083	.0589213	-0.69	0.492	-.1591706	.0775106

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,951**

```
Number of strata  =        52                 Population size   =  22,747,247
Number of PSUs    =       104                 Subpop. no. obs   =       3,864
                                              Subpop. size      =  13,352,975
                                              Average RVI       =      0.0000
                                              Largest FMI       =      0.0000
                                              Complete DF       =          52
DF adjustment:   Small sample                 DF:     min       =       50.11
                                                      avg       =       50.11
                                                      max       =       50.11
Model F test:       Equal FMI                 F(   3,   50.1)   =      297.54
Within VCE type:   Linearized                 Prob > F          =      0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1560049	.0104068	14.99	0.000	.1351034	.1769064
AGE2006	.0646059	.0046142	14.00	0.000	.0553385	.0738732
SEX	0	(omitted)				
NonWhite	-.1707715	.0582353	-2.93	0.005	-.2877342	-.0538088

```
Multiple-imputation estimates                 Imputations       =           5
Survey: Cox regression                        Number of obs     =       6,951

Number of strata  =        52                 Population size   =  22,747,247
Number of PSUs    =       104                 Subpop. no. obs   =       3,864
                                              Subpop. size      =  13,352,975
                                              Average RVI       =      0.0000
                                              Largest FMI       =      0.0000
                                              Complete DF       =          52
DF adjustment:   Small sample                 DF:     min       =       50.11
                                                      avg       =       50.11
                                                      max       =       50.11
Model F test:       Equal FMI                 F(   3,   50.1)   =      304.57
Within VCE type:   Linearized                 Prob > F          =      0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.2071447	.0140031	14.79	0.000	.1790202	.2352693
AGE2006	.0668782	.0043959	15.21	0.000	.0580493	.0757071
SEX	0	(omitted)				
NonWhite	-.1335199	.0557157	-2.40	0.020	-.2454221	-.0216176

```
217 .
218 .
219 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(Women): stcox `x' AGE2006 SEX NonWhite
      3.
220 . }

Multiple-imputation estimates                 Imputations       =           5
Survey: Cox regression                        Number of obs     =       6,951
```

Number of strata = **52** Population size = **22,747,247**
Number of PSUs = **104** Subpop. no. obs = **3,864**
Subpop. size = **13,352,975**
Average RVI = **0.0000**
Largest FMI = **0.0000**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **50.11**
avg = **50.11**
max = **50.11**
Model F test: **Equal FMI** F(**3**, **50.1**) = **271.16**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	**.0522755**	**.0280673**	**1.86**	**0.068**	**-.0040962**	**.1086472**
AGE2006	**.1030274**	**.003749**	**27.48**	**0.000**	**.0954977**	**.1105572**
SEX	**0**	(omitted)				
NonWhite	**.0868677**	**.0572396**	**1.52**	**0.135**	**-.0280953**	**.2018306**

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,951**

Number of strata = **52** Population size = **22,747,247**
Number of PSUs = **104** Subpop. no. obs = **3,864**
Subpop. size = **13,352,975**
Average RVI = **0.0000**
Largest FMI = **0.0000**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **50.11**
avg = **50.11**
max = **50.11**
Model F test: **Equal FMI** F(**3**, **50.1**) = **260.68**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	**.683979**	**.0811993**	**8.42**	**0.000**	**.5208942**	**.8470638**
AGE2006	**.0867481**	**.0037186**	**23.33**	**0.000**	**.0792796**	**.0942166**
SEX	**0**	(omitted)				
NonWhite	**-.0074914**	**.0620046**	**-0.12**	**0.904**	**-.1320245**	**.1170418**

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,951**

Number of strata = **52** Population size = **22,747,247**
Number of PSUs = **104** Subpop. no. obs = **3,864**
Subpop. size = **13,352,975**
Average RVI = **0.0000**
Largest FMI = **0.0000**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **50.11**
avg = **50.11**
max = **50.11**
Model F test: **Equal FMI** F(**3**, **50.1**) = **274.96**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.7431922	.0776347	9.57	0.000	.5872667	.8991177
AGE2006	.0879644	.0034988	25.14	0.000	.0809372	.0949916
SEX	0	(omitted)				
NonWhite	-.0046031	.063985	-0.07	0.943	-.1331137	.1239076

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,951

Number of strata = 52 — Population size = 22,747,247
Number of PSUs = 104 — Subpop. no. obs = 3,864
Subpop. size = 13,352,975
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 52
DF adjustment: Small sample — DF: min = 50.11
avg = 50.11
max = 50.11
Model F test: Equal FMI — F(3, 50.1) = 266.73
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.6790486	.0831299	8.17	0.000	.5120863	.8460108
AGE2006	.0863563	.0038326	22.53	0.000	.0786588	.0940539
SEX	0	(omitted)				
NonWhite	-.0294886	.0656464	-0.45	0.655	-.1613362	.1023589

```
221 .
222 . ***MODEL 2****
223 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(Women): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2006
> _2006
  3.
224 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,802

Number of strata = 52 — Population size = 22,272,171
Number of PSUs = 104 — Subpop. no. obs = 3,715
Subpop. size = 12,877,899
Average RVI = .
Largest FMI = .
Complete DF = 52
DF adjustment: Small sample — DF: min = 0.00
avg = .
max = .
Model F test: Equal FMI — F(22, 50.1) = 39.02
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0438256	.0122493	-3.58	0.001	-.0684278	-.0192235
AGE2006	.0907387	.0049823	18.21	0.000	.080732	.1007454
SEX	0	(omitted)				
NonWhite	-.1300145	.0774171	-1.68	0.099	-.285503	.0254741
education						
2	-.215933	.1874279	-1.15	0.255	-.5923728	.1605067
3	-.0066376	.0708922	-0.09	0.926	-.1490212	.1357459
4	-.0693361	.0819078	-0.85	0.401	-.233844	.0951718
5	-.0945007	.0890149	-1.06	0.293	-.2732829	.0842814
totwealth_2006						
2	-.0977561	.063032	-1.55	0.127	-.2243531	.0288409
3	.0187097	.1508759	0.12	0.902	-.2843174	.3217369
4	-.4354172	.7609891	-0.57	0.570	-1.963826	1.092992
5	-39.73581	.	.	.	.	.
marital_2006						
2	-.2112089	.1396685	-1.51	0.137	-.4917263	.0693085
3	-.0921126	.1669962	-0.55	0.584	-.4275163	.2432911
4	-.1213205	.1364356	-0.89	0.378	-.3953447	.1527036
work_st_2006	-.2703972	.0839352	-3.22	0.002	-.4389771	-.1018173
smoking_2006						
2	.2694877	.0530562	5.08	0.000	.1629268	.3760486
3	.6612013	.0783448	8.44	0.000	.5038477	.818555
physic_act_2006	-.16717	.0263717	-6.34	0.000	-.2201366	-.1142034
2.srh_2006	.3468699	.0624479	5.55	0.000	.2214463	.4722935
bmibr_2006						
2	-.2509905	.0611407	-4.11	0.000	-.3737887	-.1281923
3	-.171801	.0691439	-2.48	0.016	-.3106732	-.0329288
cardiometcondbr_2006	.3367697	.0506403	6.65	0.000	.235061	.4384784
cesd_2006	.0301253	.0154211	1.95	0.056	-.0008473	.061098

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,802

Number of strata = 52 — Population size = 22,272,171
Number of PSUs = 104 — Subpop. no. obs = 3,715
Subpop. size = 12,877,899
Average RVI = .
Largest FMI = .
Complete DF = 52
DF adjustment: Small sample — DF: min = 0.00
avg = .
max = .
Model F test: Equal FMI — F(22, 50.1) = 49.49
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.1135276	.0119254	9.52	0.000	.089576	.1374792
AGE2006	.0664563	.0052929	12.56	0.000	.0558257	.0770869
SEX	0	(omitted)				
NonWhite	-.2371522	.074697	-3.17	0.003	-.3871778	-.0871267
education						
2	-.1894851	.1711275	-1.11	0.273	-.5331862	.154216
3	.0085105	.0706172	0.12	0.905	-.1333207	.1503417
4	-.0477285	.079551	-0.60	0.551	-.2075028	.1120459
5	-.0134754	.0906842	-0.15	0.882	-.1956103	.1686594
totwealth_2006						
2	-.0365647	.0626109	-0.58	0.562	-.1623159	.0891865
3	.0635786	.1398367	0.45	0.651	-.2172771	.3444343
4	-.4154625	.7634599	-0.54	0.589	-1.948834	1.117909
5	-46.55013	.	.	.	.	.
marital_2006						
2	-.2658792	.1335003	-1.99	0.052	-.534008	.0022496
3	-.1012451	.1590297	-0.64	0.527	-.4206486	.2181584
4	-.1465344	.1304086	-1.12	0.267	-.4084536	.1153849
work_st_2006	-.2148246	.0868715	-2.47	0.017	-.3893018	-.0403474
smoking_2006						
2	.2738203	.0520877	5.26	0.000	.1692043	.3784362
3	.6526444	.0896062	7.28	0.000	.4726722	.8326167
physic_act_2006	-.1470904	.0271439	-5.42	0.000	-.2016081	-.0925728
2.srh_2006	.2603048	.0640238	4.07	0.000	.1317162	.3888934
bmibr_2006						
2	-.2155405	.0620141	-3.48	0.001	-.3400929	-.0909882
3	-.1189676	.0705215	-1.69	0.098	-.2606067	.0226714
cardiometcondbr_2006	.3105255	.052762	5.89	0.000	.2045555	.4164955
cesd_2006	.0009597	.0136363	0.07	0.944	-.0264282	.0283476

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,802

Number of strata = 52 — Population size = 22,272,171
Number of PSUs = 104 — Subpop. no. obs = 3,715
Subpop. size = 12,877,899
Average RVI = .
Largest FMI = .
Complete DF = 52
DF adjustment: Small sample — DF: min = 0.00
avg = .
max = .
Model F test: Equal FMI — F(22, 50.1) = 43.95
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1178383	.0110967	10.62	0.000	.0955511	.1401255
AGE2006	.0673131	.0052779	12.75	0.000	.0567127	.0779135
SEX	0	(omitted)				
NonWhite	-.2186274	.0753547	-2.90	0.006	-.3699738	-.0672811
education						
2	-.1525021	.1648493	-0.93	0.359	-.4835939	.1785896
3	.0452125	.0713583	0.63	0.529	-.0981071	.1885321
4	-.0177773	.0802291	-0.22	0.826	-.1789136	.1433591
5	.0196692	.0911047	0.22	0.830	-.1633103	.2026486
totwealth_2006						
2	-.0413983	.0618598	-0.67	0.506	-.1656408	.0828442
3	.0537862	.1482619	0.36	0.718	-.2439909	.3515634
4	-.4373167	.7653572	-0.57	0.570	-1.974499	1.099866
5	-52.69412	.	.	.	.	.
marital_2006						
2	-.2128343	.1333636	-1.60	0.117	-.4806887	.05502
3	-.0753903	.1567646	-0.48	0.633	-.3902443	.2394637
4	-.1252281	.1320849	-0.95	0.348	-.3905141	.1400578
work_st_2006	-.2262202	.0865783	-2.61	0.012	-.4001086	-.0523318
smoking_2006						
2	.286629	.0523312	5.48	0.000	.1815241	.3917338
3	.6523321	.0923946	7.06	0.000	.4667598	.8379044
physic_act_2006	-.1343908	.0278519	-4.83	0.000	-.1903305	-.0784511
2.srh_2006	.2609425	.0641306	4.07	0.000	.1321394	.3897457
bmibr_2006						
2	-.218637	.0631001	-3.46	0.001	-.3453706	-.0919034
3	-.1214463	.0735963	-1.65	0.105	-.2692609	.0263683
cardiometcondbr_2006	.2938315	.0549395	5.35	0.000	.183488	.4041749
cesd_2006	-.0014792	.0136962	-0.11	0.914	-.0289874	.026029

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,802

Number of strata = 52 — Population size = 22,272,171
Number of PSUs = 104 — Subpop. no. obs = 3,715
Subpop. size = 12,877,899
Average RVI = .
Largest FMI = .
Complete DF = 52
DF adjustment: Small sample — DF: min = 0.00
avg = .
max = .
Model F test: Equal FMI — F(22, 50.1) = 44.62
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1722236	.0163672	10.52	0.000	.1393508	.2050963
AGE2006	.0673288	.0051795	13.00	0.000	.056926	.0777316
SEX	0	(omitted)				
NonWhite	-.2119116	.0744096	-2.85	0.006	-.3613598	-.0624633
education						
2	-.1265007	.1659031	-0.76	0.449	-.4597089	.2067074
3	.0679124	.0717439	0.95	0.348	-.0761818	.2120066
4	.0197644	.0818858	0.24	0.810	-.1446993	.1842282
5	.0467718	.0917882	0.51	0.613	-.1375803	.231124
totwealth_2006						
2	-.0342201	.0613855	-0.56	0.580	-.15751	.0890698
3	.0545678	.140447	0.39	0.699	-.2275134	.3366491
4	-.4317207	.7579087	-0.57	0.571	-1.953943	1.090502
5	-50.12214	.	.	.	.	.
marital_2006						
2	-.2594485	.1278756	-2.03	0.048	-.5162804	-.0026165
3	-.086697	.152911	-0.57	0.573	-.3938113	.2204174
4	-.1490496	.1265917	-1.18	0.245	-.4033027	.1052035
work_st_2006	-.2136656	.0852651	-2.51	0.016	-.3849164	-.0424147
smoking_2006						
2	.2887256	.0522479	5.53	0.000	.1837879	.3936632
3	.6306692	.0940897	6.70	0.000	.4416923	.8196462
physic_act_2006	-.1339947	.0276138	-4.85	0.000	-.1894562	-.0785332
2.srh_2006	.2696789	.0644037	4.19	0.000	.1403273	.3990305
bmibr_2006						
2	-.1893299	.0639432	-2.96	0.005	-.3177568	-.0609031
3	-.0492241	.0736669	-0.67	0.507	-.1971803	.0987322
cardiometcondbr_2006	.3034822	.0553506	5.48	0.000	.1923132	.4146512
cesd_2006	-.0010338	.0132954	-0.08	0.938	-.027737	.0256694

```
225 .
226 .
227 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(Women): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2006
> _2006
  3.
228 .
229 . }

Multiple-imputation estimates                Imputations       =          5
Survey: Cox regression                       Number of obs     =      6,802
```

Number of strata = **52** Population size = **22,272,171**
Number of PSUs = **104** Subpop. no. obs = **3,715**
Subpop. size = **12,877,899**
Average RVI = .
Largest FMI = .
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **0.00**
avg = .
max = .
Model F test: **Equal FMI** F(**22**, **50.1**) = **33.45**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	**-.1102684**	**.0331097**	**-3.33**	**0.002**	**-.1767676**	**-.0437692**
AGE2006	**.0907398**	**.0050651**	**17.91**	**0.000**	**.0805669**	**.1009128**
SEX	**0**	(omitted)				
NonWhite	**-.1282041**	**.0769124**	**-1.67**	**0.102**	**-.2826791**	**.0262709**
education						
2	**-.2216012**	**.1871168**	**-1.18**	**0.242**	**-.5974161**	**.1542136**
3	**-.0144524**	**.0706294**	**-0.20**	**0.839**	**-.1563081**	**.1274033**
4	**-.0783134**	**.0806865**	**-0.97**	**0.336**	**-.2403683**	**.0837415**
5	**-.0962874**	**.0885656**	**-1.09**	**0.282**	**-.2741672**	**.0815923**
totwealth_2006						
2	**-.0981269**	**.0628518**	**-1.56**	**0.125**	**-.224362**	**.0281082**
3	**.0188762**	**.1499031**	**0.13**	**0.900**	**-.2821969**	**.3199493**
4	**-.4334206**	**.7607596**	**-0.57**	**0.571**	**-1.961369**	**1.094528**
5	**-38.91089**	**.**	**.**	**.**	**.**	**.**
marital_2006						
2	**-.2137348**	**.1394208**	**-1.53**	**0.132**	**-.4937546**	**.066285**
3	**-.0911563**	**.1665046**	**-0.55**	**0.586**	**-.4255728**	**.2432601**
4	**-.1247365**	**.1365242**	**-0.91**	**0.365**	**-.3989387**	**.1494657**
work_st_2006	**-.2703191**	**.083463**	**-3.24**	**0.002**	**-.4379505**	**-.1026878**
smoking_2006						
2	**.2696558**	**.0530421**	**5.08**	**0.000**	**.1631232**	**.3761884**
3	**.6500821**	**.0871687**	**7.46**	**0.000**	**.4750063**	**.8251578**
physic_act_2006	**-.1678463**	**.026078**	**-6.44**	**0.000**	**-.2202231**	**-.1154695**
2.srh_2006	**.3397581**	**.063082**	**5.39**	**0.000**	**.2130609**	**.4664553**
bmibr_2006						
2	**-.2456463**	**.0613189**	**-4.01**	**0.000**	**-.3688024**	**-.1224902**
3	**-.169865**	**.0690315**	**-2.46**	**0.017**	**-.3085114**	**-.0312186**
cardiometcondbr_2006	**.33095**	**.0524727**	**6.31**	**0.000**	**.2255609**	**.4363391**
cesd_2006	**.0261957**	**.0146784**	**1.78**	**0.080**	**-.0032851**	**.0556765**

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,802**

Number of strata	= 52	Population size	= 22,272,171
Number of PSUs	= 104	Subpop. no. obs	= 3,715
		Subpop. size	= 12,877,899
		Average RVI	= .
		Largest FMI	= .
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 0.00
		avg	= .
		max	= .
Model F test:	Equal FMI	F(22, 50.1)	= 35.15
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.4611711	.0883223	5.22	0.000	.2837799	.6385623
AGE2006	.080935	.00498	16.25	0.000	.0709329	.0909371
SEX	0	(omitted)				
NonWhite	-.1411738	.0798464	-1.77	0.083	-.3015416	.0191941
education						
2	-.1750035	.1719535	-1.02	0.314	-.5203636	.1703567
3	.0074628	.0727841	0.10	0.919	-.1387204	.153646
4	-.0604798	.0837782	-0.72	0.474	-.2287442	.1077846
5	-.0701924	.0907004	-0.77	0.443	-.2523597	.111975
totwealth_2006						
2	-.0577035	.0630235	-0.92	0.364	-.1842833	.0688763
3	.031493	.1497202	0.21	0.834	-.2692129	.3321989
4	-.4334318	.7631958	-0.57	0.573	-1.966273	1.099409
5	-46.02075	.	.	.	.	.
marital_2006						
2	-.2302379	.1347383	-1.71	0.094	-.5008532	.0403774
3	-.0601023	.1621151	-0.37	0.712	-.3857027	.2654981
4	-.108423	.1307924	-0.83	0.411	-.371113	.154267
work_st_2006	-.2762789	.0846682	-3.26	0.002	-.4463308	-.106227
smoking_2006						
2	.2604407	.0522291	4.99	0.000	.1555406	.3653408
3	.6541616	.0848096	7.71	0.000	.4838232	.8245
physic_act_2006	-.160404	.0271908	-5.90	0.000	-.2150159	-.1057922
2.srh_2006	.3011318	.0617532	4.88	0.000	.1771034	.4251602
bmibr_2006						
2	-.2191174	.061051	-3.59	0.001	-.3417354	-.0964994
3	-.1292459	.0686521	-1.88	0.066	-.2671303	.0086385
cardiometcondbr_2006	.324549	.05381	6.03	0.000	.2164741	.432624
cesd_2006	.0029131	.0139779	0.21	0.836	-.0251609	.0309871

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,802

Number of strata	= 52	Population size	= 22,272,171
Number of PSUs	= 104	Subpop. no. obs	= 3,715
		Subpop. size	= 12,877,899
		Average RVI	= .
		Largest FMI	= .
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 0.00
		avg	= .
		max	= .
Model F test:	Equal FMI	F(22, 50.1)	= 35.09
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.510221	.0892214	5.72	0.000	.3310241	.689418
AGE2006	.082989	.0047901	17.33	0.000	.0733682	.0926097
SEX	0	(omitted)				
NonWhite	-.1338188	.0797021	-1.68	0.099	-.2938967	.0262591
education						
2	-.2069389	.1696068	-1.22	0.228	-.5475858	.133708
3	.0256414	.0680945	0.38	0.708	-.1111231	.1624058
4	-.0511874	.0815847	-0.63	0.533	-.2150463	.1126716
5	-.0468262	.0860511	-0.54	0.589	-.2196556	.1260033
totwealth_2006						
2	-.0657451	.0608335	-1.08	0.285	-.1879263	.0564362
3	.0215984	.1469697	0.15	0.884	-.2735834	.3167801
4	-.4450596	.7584847	-0.59	0.560	-1.968439	1.078319
5	-43.41068	.	.	.	.	.
marital_2006						
2	-.2281066	.1349269	-1.69	0.097	-.4991008	.0428876
3	-.0724556	.1634602	-0.44	0.659	-.4007575	.2558462
4	-.1188436	.1335688	-0.89	0.378	-.38711	.1494228
work_st_2006	-.2654091	.0849506	-3.12	0.003	-.4360282	-.09479
smoking_2006						
2	.273803	.0534725	5.12	0.000	.1664059	.3812002
3	.6680396	.0847535	7.88	0.000	.4978141	.8382651
physic_act_2006	-.1487246	.0275967	-5.39	0.000	-.2041516	-.0932975
2.srh_2006	.3051871	.0606971	5.03	0.000	.1832798	.4270943
bmibr_2006						
2	-.2185683	.0611739	-3.57	0.001	-.3414332	-.0957035
3	-.1154826	.0691096	-1.67	0.101	-.2542859	.0233207
cardiometcondbr_2006	.3129467	.0548355	5.71	0.000	.2028122	.4230813
cesd_2006	.0002355	.0140703	0.02	0.987	-.0280241	.0284952

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,802

Number of strata	= 52	Population size	= 22,272,171
Number of PSUs	= 104	Subpop. no. obs	= 3,715
		Subpop. size	= 12,877,899
		Average RVI	= .
		Largest FMI	= .
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 0.00
		avg	= .
		max	= .
Model F test:	Equal FMI	F(22, 50.1)	= 33.98
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4097931	.0973179	4.21	0.000	.2143349	.6052514
AGE2006	.0820549	.0049792	16.48	0.000	.0720543	.0920555
SEX	0	(omitted)				
NonWhite	-.1489205	.0798325	-1.87	0.068	-.3092602	.0114192
education						
2	-.1894683	.1664336	-1.14	0.260	-.523742	.1448053
3	.0086835	.0701936	0.12	0.902	-.1322968	.1496638
4	-.0510991	.0788682	-0.65	0.520	-.2095019	.1073038
5	-.0723667	.086817	-0.83	0.408	-.2467344	.1020011
totwealth_2006						
2	-.0705335	.0622386	-1.13	0.262	-.1955369	.05447
3	.031873	.1474574	0.22	0.830	-.2642881	.3280342
4	-.4378597	.7601689	-0.58	0.567	-1.964622	1.088902
5	-42.60546	.	.	.	.	.
marital_2006						
2	-.2264944	.1343853	-1.69	0.098	-.4964008	.043412
3	-.0534018	.158896	-0.34	0.738	-.3725367	.265733
4	-.1184668	.1309294	-0.90	0.370	-.3814321	.1444984
work_st_2006	-.267592	.0828826	-3.23	0.002	-.4340577	-.1011264
smoking_2006						
2	.2604766	.0526608	4.95	0.000	.1547096	.3662436
3	.5945594	.1076752	5.52	0.000	.3782974	.8108213
physic_act_2006	-.1507605	.0266285	-5.66	0.000	-.2042431	-.0972779
2.srh_2006	.3093728	.0624441	4.95	0.000	.1839568	.4347887
bmibr_2006						
2	-.2151725	.0613785	-3.51	0.001	-.3384483	-.0918966
3	-.1081023	.0668281	-1.62	0.112	-.2423232	.0261187
cardiometcondbr_2006	.3097256	.0588541	5.26	0.000	.1915198	.4279313
cesd_2006	.0038838	.0148483	0.26	0.795	-.0259383	.033706

```
230 .
231 . ***MODEL 3: MODEL 2 + ALCOHOL (SENSITIVITY ANALYSIS)****
232 .
233 .
234 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(Women): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2006
> _2006 alcohol_2006
  3.
235 . }
```

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,696**

Number of strata = **52** — Population size = **21,891,907**
Number of PSUs = **104** — Subpop. no. obs = **3,609**
Subpop. size = **12,497,635**
Average RVI = **.**
Largest FMI = **.**
Complete DF = **52**
DF adjustment: **Small sample** — DF: min = **0.00**
avg = **.**
max = **.**
Model F test: **Equal FMI** — F(**23**, **50.1**) = **46.71**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0440904	.0123714	-3.56	0.001	-.0689378	-.0192431
AGE2006	.0898439	.0050474	17.80	0.000	.0797063	.0999814
SEX	0	(omitted)				
NonWhite	-.1419932	.077793	-1.83	0.074	-.298237	.0142505
education						
2	-.2512298	.1874403	-1.34	0.186	-.6276945	.125235
3	-.0093967	.0710319	-0.13	0.895	-.1520608	.1332674
4	-.0644788	.0845478	-0.76	0.449	-.234289	.1053314
5	-.1146064	.0915537	-1.25	0.216	-.2984876	.0692747
totwealth_2006						
2	-.1025032	.0652382	-1.57	0.122	-.2335312	.0285248
3	.0782083	.1380448	0.57	0.574	-.1990482	.3554647
4	-.4025255	.7543358	-0.53	0.596	-1.917572	1.112521
5	-37.53867	.	.	.	.	.
marital_2006						
2	-.2446869	.143918	-1.70	0.095	-.5337392	.0443654
3	-.1271381	.1721155	-0.74	0.464	-.4728238	.2185476
4	-.1626462	.1417287	-1.15	0.257	-.4473014	.122009
work_st_2006	-.2496269	.0892608	-2.80	0.007	-.4289029	-.070351
smoking_2006						
2	.2874163	.0556925	5.16	0.000	.1755605	.399272
3	.6836926	.075495	9.06	0.000	.5320622	.835323
physic_act_2006	-.1550012	.0282958	-5.48	0.000	-.2118324	-.09817
2.srh_2006	.3451961	.0624884	5.52	0.000	.2196912	.470701
bmibr_2006						
2	-.2391247	.062758	-3.81	0.000	-.3651712	-.1130783
3	-.1615489	.0710864	-2.27	0.027	-.3043225	-.0187752

cardiometcondbr_2006	.3312675	.0512093	6.47	0.000	.2284158	.4341191
cesd_2006	.0301103	.0151621	1.99	0.053	-.0003422	.0605627
alcohol_2006	-.0330227	.0200566	-1.65	0.106	-.0733053	.00726

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,696

Number of strata = 52 — Population size = 21,891,907
Number of PSUs = 104 — Subpop. no. obs = 3,609
Subpop. size = 12,497,635
Average RVI = 6.8121
Largest FMI = 0.9948
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 0.51
avg = 48.04
max = 50.11
Model F test: **Equal FMI** — F(24, 9.0) = 30.76
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.1154188	.0114788	10.05	0.000	.0923641	.1384734
AGE2006	.0651528	.0053364	12.21	0.000	.0544349	.0758707
SEX	0	(omitted)				
NonWhite	-.251799	.0762889	-3.30	0.002	-.4050219	-.0985762
education						
2	-.2189092	.172182	-1.27	0.209	-.5647283	.12691
3	.0104644	.0704395	0.15	0.882	-.13101	.1519388
4	-.0393234	.0831819	-0.47	0.638	-.2063902	.1277434
5	-.0328977	.0932159	-0.35	0.726	-.2201173	.154322
totwealth_2006						
2	-.0428887	.065793	-0.65	0.517	-.175031	.0892535
3	.1266284	.124777	1.01	0.315	-.1239809	.3772377
4	-.3963997	.7581827	-0.52	0.603	-1.919172	1.126373
5	-34.75681	6.766075	-5.14	0.275	-997.5405	928.0269
marital_2006						
2	-.3020939	.138799	-2.18	0.034	-.5808651	-.0233228
3	-.1381565	.1638294	-0.84	0.403	-.4672	.190887
4	-.1884996	.1362176	-1.38	0.173	-.462086	.0850868
work_st_2006	-.193938	.093378	-2.08	0.043	-.3814831	-.0063929
smoking_2006						
2	.2934276	.0545811	5.38	0.000	.1838039	.4030514
3	.6823063	.0842289	8.10	0.000	.5131334	.8514791
physic_act_2006	-.1355605	.029272	-4.63	0.000	-.1943525	-.0767685
2.srh_2006	.2569933	.0638998	4.02	0.000	.1286537	.3853328
bmibr_2006						
2	-.2008081	.0638357	-3.15	0.003	-.3290191	-.0725972
3	-.1058286	.0728942	-1.45	0.153	-.252233	.0405758
cardiometcondbr_2006	.3020122	.0539268	5.60	0.000	.1937027	.4103218
cesd_2006	.0011805	.013473	0.09	0.931	-.0258795	.0282404
alcohol_2006	-.0294206	.0195517	-1.50	0.139	-.0686892	.0098481

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,696

Number of strata = 52 — Population size = 21,891,907
Number of PSUs = 104 — Subpop. no. obs = 3,609
Subpop. size = 12,497,635
Average RVI = 0.6674
Largest FMI = 0.9331
Complete DF = 52
DF adjustment: Small sample — DF: min = 2.51
avg = 48.12
max = 50.11
Model F test: Equal FMI — F(24, 42.6) = 114.04
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1198074	.0109301	10.96	0.000	.0978548	.1417599
AGE2006	.0660111	.0053551	12.33	0.000	.0552558	.0767665
SEX	0	(omitted)				
NonWhite	-.2318188	.0768281	-3.02	0.004	-.3861246	-.0775131
education						
2	-.1820259	.1654631	-1.10	0.277	-.5143504	.1502986
3	.0470761	.0712982	0.66	0.512	-.0961229	.1902751
4	-.0119677	.0836752	-0.14	0.887	-.1800253	.15609
5	-.0051598	.0931006	-0.06	0.956	-.1921478	.1818281
totwealth_2006						
2	-.0469023	.0642982	-0.73	0.469	-.1760423	.0822378
3	.1192281	.1326701	0.90	0.373	-.1472338	.38569
4	-.4202548	.7600951	-0.55	0.583	-1.946869	1.106359
5	-31.49504	2.395936	-13.15	0.002	-40.0447	-22.94538
marital_2006						
2	-.2522046	.1399141	-1.80	0.077	-.5332154	.0288062
3	-.1125332	.1626721	-0.69	0.492	-.4392522	.2141859
4	-.1700918	.1390044	-1.22	0.227	-.4492752	.1090916
work_st_2006	-.2091857	.0926299	-2.26	0.028	-.3952283	-.0231431
smoking_2006						
2	.3035784	.0543807	5.58	0.000	.1943573	.4127995
3	.6762592	.0871092	7.76	0.000	.5013018	.8512166
physic_act_2006	-.1227937	.0299423	-4.10	0.000	-.1829317	-.0626557
2.srh_2006	.2589046	.0635455	4.07	0.000	.1312764	.3865327
bmibr_2006						
2	-.2060654	.064959	-3.17	0.003	-.3365324	-.0755984
3	-.1070314	.0759882	-1.41	0.165	-.2596501	.0455872
cardiometcondbr_2006	.2849789	.0558558	5.10	0.000	.1727952	.3971626
cesd_2006	-.0012218	.0134634	-0.09	0.928	-.0282624	.0258189
alcohol_2006	-.0233994	.0191017	-1.22	0.226	-.0617643	.0149655

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,696

Number of strata = **52** Population size = **21,891,907**
Number of PSUs = **104** Subpop. no. obs = **3,609**
Subpop. size = **12,497,635**
Average RVI = **.**
Largest FMI = **.**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **0.00**
avg = **.**
max = **.**
Model F test: **Equal FMI** F(**23**, **50.1**) = **49.49**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1739637	.0161033	10.80	0.000	.141621	.2063064
AGE2006	.0661816	.0052478	12.61	0.000	.0556415	.0767216
SEX	0	(omitted)				
NonWhite	-.2243059	.0761886	-2.94	0.005	-.3773271	-.0712846
education						
2	-.1541804	.1665123	-0.93	0.359	-.4886122	.1802513
3	.0689142	.0719443	0.96	0.343	-.0755825	.2134109
4	.0248976	.0852557	0.29	0.771	-.1463345	.1961296
5	.0209416	.0943621	0.22	0.825	-.1685802	.2104633
totwealth_2006						
2	-.0435732	.0642607	-0.68	0.501	-.1726379	.0854914
3	.1099293	.126788	0.87	0.390	-.1447187	.3645773
4	-.421181	.7527031	-0.56	0.578	-1.932948	1.090586
5	-43.32349	.	.	.	.	.
marital_2006						
2	-.2927463	.1334571	-2.19	0.033	-.5607885	-.0247041
3	-.1186131	.1581136	-0.75	0.457	-.4361766	.1989504
4	-.187247	.1323449	-1.41	0.163	-.4530551	.0785612
work_st_2006	-.1955202	.0912342	-2.14	0.037	-.3787597	-.0122807
smoking_2006						
2	.3031796	.0551554	5.50	0.000	.1924025	.4139566
3	.651828	.0899108	7.25	0.000	.4712437	.8324123
physic_act_2006	-.1242572	.0295049	-4.21	0.000	-.1835169	-.0649976
2.srh_2006	.2684566	.0638096	4.21	0.000	.1402981	.3966151
bmibr_2006						
2	-.1754403	.0656232	-2.67	0.010	-.3072415	-.0436392
3	-.0343984	.0759555	-0.45	0.653	-.1869513	.1181546
cardiometcondbr_2006	.2956819	.0563757	5.24	0.000	.182454	.4089097
cesd_2006	-.001088	.0131137	-0.08	0.934	-.0274264	.0252504
alcohol_2006	-.0186643	.0191299	-0.98	0.334	-.0570856	.0197571

```
236 .
237 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(Women): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2006
> _2006 alcohol_2006
  3.
238 . }
```

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,696**

Number of strata = **52** — Population size = **21,891,907**
Number of PSUs = **104** — Subpop. no. obs = **3,609**
Subpop. size = **12,497,635**
Average RVI = **.**
Largest FMI = **.**
Complete DF = **52**
DF adjustment: **Small sample** — DF: min = **0.00**
avg = **.**
max = **.**
Model F test: **Equal FMI** — F(**23**, **50.1**) = **37.68**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	**-.1119148**	**.033068**	**-3.38**	**0.001**	**-.1783303**	**-.0454993**
AGE2006	**.0898423**	**.0051338**	**17.50**	**0.000**	**.0795312**	**.1001534**
SEX	**0**	(omitted)				
NonWhite	**-.1407193**	**.0774299**	**-1.82**	**0.075**	**-.2962338**	**.0147952**
education						
2	**-.256431**	**.1874816**	**-1.37**	**0.177**	**-.6329785**	**.1201165**
3	**-.0174498**	**.0709536**	**-0.25**	**0.807**	**-.1599566**	**.125057**
4	**-.0735278**	**.0833814**	**-0.88**	**0.382**	**-.2409954**	**.0939398**
5	**-.117192**	**.0910409**	**-1.29**	**0.204**	**-.3000432**	**.0656591**
totwealth_2006						
2	**-.1029065**	**.0651743**	**-1.58**	**0.121**	**-.2338062**	**.0279932**
3	**.0808903**	**.1364122**	**0.59**	**0.556**	**-.1930872**	**.3548678**
4	**-.4014903**	**.7541379**	**-0.53**	**0.597**	**-1.916139**	**1.113159**
5	**-42.9139**	**.**	**.**	**.**	**.**	**.**
marital_2006						
2	**-.2456355**	**.1434686**	**-1.71**	**0.093**	**-.5337853**	**.0425142**
3	**-.1244473**	**.1710917**	**-0.73**	**0.470**	**-.4680766**	**.2191819**
4	**-.1646744**	**.1415972**	**-1.16**	**0.250**	**-.4490653**	**.1197166**
work_st_2006	**-.2500892**	**.0888294**	**-2.82**	**0.007**	**-.4284987**	**-.0716797**
smoking_2006						
2	**.2876547**	**.0559437**	**5.14**	**0.000**	**.1752944**	**.4000149**
3	**.672624**	**.0834628**	**8.06**	**0.000**	**.504991**	**.840257**
physic_act_2006	**-.1555838**	**.0279786**	**-5.56**	**0.000**	**-.211778**	**-.0993896**
2.srh_2006	**.3385297**	**.063015**	**5.37**	**0.000**	**.2119671**	**.4650924**
bmibr_2006						
2	**-.2337776**	**.0629935**	**-3.71**	**0.001**	**-.360297**	**-.1072582**
3	**-.1593008**	**.0709104**	**-2.25**	**0.029**	**-.3017209**	**-.0168807**
cardiometcondbr_2006	**.325277**	**.0532074**	**6.11**	**0.000**	**.2184124**	**.4321417**
cesd_2006	**.0262457**	**.0144556**	**1.82**	**0.075**	**-.0027878**	**.0552791**
alcohol_2006	**-.0329388**	**.0200369**	**-1.64**	**0.106**	**-.0731819**	**.0073042**

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,696

Number of strata = 52 — Population size = 21,891,907
Number of PSUs = 104 — Subpop. no. obs = 3,609
Subpop. size = 12,497,635
Average RVI = .
Largest FMI = .
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 0.00
avg = .
max = .
Model F test: **Equal FMI** — F(23, 50.1) = 37.21
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.4701077	.0916662	5.13	0.000	.2860004	.654215
AGE2006	.0796775	.005114	15.58	0.000	.0694063	.0899486
SEX	0	(omitted)				
NonWhite	-.1558562	.0806544	-1.93	0.059	-.3178469	.0061345
education						
2	-.2076778	.1720104	-1.21	0.233	-.5531522	.1377966
3	.0090586	.0728497	0.12	0.902	-.1372564	.1553737
4	-.0524179	.0863881	-0.61	0.547	-.2259243	.1210885
5	-.0873206	.0939288	-0.93	0.357	-.2759721	.1013309
totwealth_2006						
2	-.0602188	.0654318	-0.92	0.362	-.1916356	.071198
3	.094193	.1349991	0.70	0.489	-.1769464	.3653325
4	-.3928688	.756799	-0.52	0.606	-1.912862	1.127125
5	-47.4268	.	.	.	.	.
marital_2006						
2	-.2610439	.1390795	-1.88	0.066	-.5403782	.0182905
3	-.0949757	.1665289	-0.57	0.571	-.429441	.2394896
4	-.1463753	.135964	-1.08	0.287	-.4194522	.1267016
work_st_2006	-.255679	.0899443	-2.84	0.006	-.4363277	-.0750304
smoking_2006						
2	.2847541	.0556482	5.12	0.000	.1729871	.3965211
3	.6842953	.0820544	8.34	0.000	.51949	.8491005
physic_act_2006	-.1494552	.0290436	-5.15	0.000	-.2077884	-.0911219
2.srh_2006	.2961904	.0619891	4.78	0.000	.1716883	.4206925
bmibr_2006						
2	-.2084436	.0622697	-3.35	0.002	-.3335093	-.0833779
3	-.1230744	.0705793	-1.74	0.087	-.2648294	.0186806
cardiometcondbr_2006	.31618	.0548455	5.76	0.000	.2060253	.4263347
cesd_2006	.0028409	.0137538	0.21	0.837	-.0247831	.0304649
alcohol_2006	-.0418003	.0195254	-2.14	0.037	-.0810162	-.0025845

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,696

Number of strata	= 52	Population size	= 21,891,907
Number of PSUs	= 104	Subpop. no. obs	= 3,609
		Subpop. size	= 12,497,635
		Average RVI	= .
		Largest FMI	= .
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 0.00
		avg	= .
		max	= .
Model F test:	Equal FMI	F(23, 50.1)	= 39.67
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.5158394	.0915387	5.64	0.000	.3319884	.6996905
AGE2006	.0818573	.0048824	16.77	0.000	.0720512	.0916633
SEX	0	(omitted)				
NonWhite	-.1468691	.0802697	-1.83	0.073	-.308087	.0143489
education						
2	-.2409087	.1696163	-1.42	0.162	-.5815746	.0997573
3	.0257292	.0677977	0.38	0.706	-.1104391	.1618976
4	-.0445409	.0843925	-0.53	0.600	-.2140393	.1249575
5	-.0677796	.0884854	-0.77	0.447	-.2454983	.109939
totwealth_2006						
2	-.0665341	.0629153	-1.06	0.295	-.1928967	.0598284
3	.0911485	.1331045	0.68	0.497	-.1761858	.3584828
4	-.4067242	.7531569	-0.54	0.592	-1.919403	1.105954
5	-39.61504	.	.	.	.	.
marital_2006						
2	-.2595925	.1398582	-1.86	0.069	-.5404908	.0213058
3	-.1067905	.1684231	-0.63	0.529	-.4450602	.2314791
4	-.1568848	.1390091	-1.13	0.264	-.4360776	.1223081
work_st_2006	-.24554	.0902037	-2.72	0.009	-.4267096	-.0643704
smoking_2006						
2	.2948616	.056065	5.26	0.000	.1822575	.4074656
3	.6965194	.0815395	8.54	0.000	.5327487	.8602901
physic_act_2006	-.1376717	.0291949	-4.72	0.000	-.1963088	-.0790347
2.srh_2006	.300388	.0603538	4.98	0.000	.1791703	.4216058
bmibr_2006						
2	-.2078007	.0628614	-3.31	0.002	-.3340549	-.0815465
3	-.1078707	.070913	-1.52	0.135	-.250296	.0345545
cardiometcondbr_2006	.3049279	.0557707	5.47	0.000	.192915	.4169408
cesd_2006	.00039	.0138349	0.03	0.978	-.0273968	.0281769
alcohol_2006	-.0375856	.0195014	-1.93	0.060	-.0767531	.0015819

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,696

Number of strata = **52** Population size = **21,891,907**
Number of PSUs = **104** Subpop. no. obs = **3,609**
Subpop. size = **12,497,635**
Average RVI = **9.1761**
Largest FMI = **0.9957**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **0.44**
avg = **48.04**
max = **50.11**
Model F test: **Equal FMI** F(**24**, **4.8**) = **44.80**
Within VCE type: **Linearized** Prob > F = **0.0003**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4160416	.1009598	4.12	0.000	.2132688	.6188145
AGE2006	.0809433	.0050819	15.93	0.000	.0707365	.09115
SEX	0	(omitted)				
NonWhite	-.1626073	.0814481	-2.00	0.051	-.326192	.0009774
education						
2	-.2233817	.1664824	-1.34	0.186	-.5577534	.1109899
3	.0088292	.0707356	0.12	0.901	-.1332397	.1508982
4	-.0447241	.0808655	-0.55	0.583	-.2071385	.1176904
5	-.0931688	.0896808	-1.04	0.304	-.2732883	.0869507
totwealth_2006						
2	-.0741788	.0646649	-1.15	0.257	-.2040553	.0556977
3	.0940455	.1320529	0.71	0.480	-.1711765	.3592676
4	-.4034491	.7538873	-0.54	0.595	-1.917595	1.110697
5	-42.00955	6.785665	-6.19	0.292	-2371.35	2287.331
marital_2006						
2	-.257202	.1388106	-1.85	0.070	-.5359963	.0215924
3	-.0862787	.1633597	-0.53	0.600	-.4143787	.2418214
4	-.1567967	.1362021	-1.15	0.255	-.4303519	.1167585
work_st_2006	-.2468549	.0877483	-2.81	0.007	-.4230932	-.0706167
smoking_2006						
2	.2815438	.0566039	4.97	0.000	.1678574	.3952302
3	.6189088	.105139	5.89	0.000	.4077404	.8300772
physic_act_2006	-.1395443	.0284665	-4.90	0.000	-.1967184	-.0823703
2.srh_2006	.30656	.0621268	4.93	0.000	.1817814	.4313387
bmibr_2006						
2	-.203899	.0628272	-3.25	0.002	-.3300845	-.0777136
3	-.0989401	.0687319	-1.44	0.156	-.2369847	.0391046
cardiometcondbr_2006	.301823	.0596833	5.06	0.000	.1819518	.4216942
cesd_2006	.0038082	.0146803	0.26	0.796	-.0256765	.0332928
alcohol_2006	-.0357141	.0206136	-1.73	0.089	-.0771156	.0056874

```
239 .
240 .
241 . ****************NHW*************************
242 .
243 .
244 . ***MODEL 1****
245 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(NHW): stcox `x' AGE2006 SEX NonWhite
  3.
246 . }
```

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,951**

Number of strata = **52** — Population size = **22,747,247**
Number of PSUs = **104** — Subpop. no. obs = **5,440**
Subpop. size = **19,663,892**
Average RVI = **0.0000**
Largest FMI = **0.0000**
Complete DF = **52**
DF adjustment: **Small sample** — DF: min = **50.11**
avg = **50.11**
max = **50.11**
Model F test: **Equal FMI** — F(**3**, **50.1**) = **620.63**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	**.026562**	**.0071076**	**3.74**	**0.000**	**.0122867**	**.0408373**
AGE2006	**.1075142**	**.0030081**	**35.74**	**0.000**	**.1014727**	**.1135558**
SEX	**-.3650556**	**.0353012**	**-10.34**	**0.000**	**-.4359564**	**-.2941548**
NonWhite	**0**	(omitted)				

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,951**

Number of strata = **52** — Population size = **22,747,247**
Number of PSUs = **104** — Subpop. no. obs = **5,440**
Subpop. size = **19,663,892**
Average RVI = **0.0000**
Largest FMI = **0.0000**
Complete DF = **52**
DF adjustment: **Small sample** — DF: min = **50.11**
avg = **50.11**
max = **50.11**
Model F test: **Equal FMI** — F(**3**, **50.1**) = **625.42**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	**.0857518**	**.0110109**	**7.79**	**0.000**	**.063637**	**.1078666**
AGE2006	**.0865223**	**.004055**	**21.34**	**0.000**	**.0783781**	**.0946665**
SEX	**-.3457849**	**.0341734**	**-10.12**	**0.000**	**-.4144205**	**-.2771494**
NonWhite	**0**	(omitted)				

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,951**

```
Number of strata  =        52                  Population size   =  22,747,247
Number of PSUs    =       104                  Subpop. no. obs   =       5,440
                                               Subpop. size      =  19,663,892
                                               Average RVI       =      0.0000
                                               Largest FMI       =      0.0000
                                               Complete DF       =          52
DF adjustment:   Small sample                  DF:     min       =       50.11
                                                       avg       =       50.11
                                                       max       =       50.11
Model F test:       Equal FMI                  F(   3,   50.1)   =      540.30
Within VCE type:   Linearized                  Prob > F          =      0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1568797	.0093424	16.79	0.000	.1381159	.1756434
AGE2006	.0711051	.0036891	19.27	0.000	.0636956	.0785145
SEX	-.3257061	.0347995	-9.36	0.000	-.3955991	-.2558131
NonWhite	0	(omitted)				

```
Multiple-imputation estimates                  Imputations       =           5
Survey: Cox regression                         Number of obs     =       6,951

Number of strata  =        52                  Population size   =  22,747,247
Number of PSUs    =       104                  Subpop. no. obs   =       5,440
                                               Subpop. size      =  19,663,892
                                               Average RVI       =      0.0000
                                               Largest FMI       =      0.0000
                                               Complete DF       =          52
DF adjustment:   Small sample                  DF:     min       =       50.11
                                                       avg       =       50.11
                                                       max       =       50.11
Model F test:       Equal FMI                  F(   3,   50.1)   =      591.99
Within VCE type:   Linearized                  Prob > F          =      0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1968665	.0115982	16.97	0.000	.173572	.220161
AGE2006	.0772056	.0034654	22.28	0.000	.0702454	.0841657
SEX	-.3796431	.03549	-10.70	0.000	-.4509231	-.3083632
NonWhite	0	(omitted)				

```
247 .
248 .
249 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(NHW): stcox `x' AGE2006 SEX NonWhite
  3.
250 . }

Multiple-imputation estimates                  Imputations       =           5
Survey: Cox regression                         Number of obs     =       6,951
```

Number of strata = **52** Population size = **22,747,247**
Number of PSUs = **104** Subpop. no. obs = **5,440**
Subpop. size = **19,663,892**
Average RVI = **0.0000**
Largest FMI = **0.0000**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **50.11**
avg = **50.11**
max = **50.11**
Model F test: **Equal FMI** F(**3**, **50.1**) = **628.33**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	**.0878255**	**.0227831**	**3.85**	**0.000**	**.0420667**	**.1335842**
AGE2006	**.1074857**	**.0030025**	**35.80**	**0.000**	**.1014554**	**.1135161**
SEX	**-.3650451**	**.035618**	**-10.25**	**0.000**	**-.4365821**	**-.2935081**
NonWhite	**0**	(omitted)				

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,951**

Number of strata = **52** Population size = **22,747,247**
Number of PSUs = **104** Subpop. no. obs = **5,440**
Subpop. size = **19,663,892**
Average RVI = **0.0000**
Largest FMI = **0.0000**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **50.11**
avg = **50.11**
max = **50.11**
Model F test: **Equal FMI** F(**3**, **50.1**) = **591.34**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	**.7062984**	**.0576455**	**12.25**	**0.000**	**.5905203**	**.8220766**
AGE2006	**.0936344**	**.0029428**	**31.82**	**0.000**	**.0877239**	**.0995449**
SEX	**-.3548338**	**.0364153**	**-9.74**	**0.000**	**-.4279721**	**-.2816956**
NonWhite	**0**	(omitted)				

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,951**

Number of strata = **52** Population size = **22,747,247**
Number of PSUs = **104** Subpop. no. obs = **5,440**
Subpop. size = **19,663,892**
Average RVI = **0.0000**
Largest FMI = **0.0000**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **50.11**
avg = **50.11**
max = **50.11**
Model F test: **Equal FMI** F(**3**, **50.1**) = **595.10**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.7448568	.0619612	12.02	0.000	.6204108	.8693028
AGE2006	.0940773	.0029089	32.34	0.000	.0882349	.0999197
SEX	-.3682901	.0334082	-11.02	0.000	-.4353888	-.3011914
NonWhite	0	(omitted)				

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,951

Number of strata = 52 — Population size = 22,747,247
Number of PSUs = 104 — Subpop. no. obs = 5,440
Subpop. size = 19,663,892
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 52
DF adjustment: Small sample — DF: min = 50.11
avg = 50.11
max = 50.11
Model F test: Equal FMI — F(3, 50.1) = 600.53
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.6961084	.0636923	10.93	0.000	.5681855	.8240313
AGE2006	.0945404	.0029669	31.87	0.000	.0885815	.1004992
SEX	-.3687691	.0352569	-10.46	0.000	-.4395809	-.2979573
NonWhite	0	(omitted)				

```
251 .
252 . ***MODEL 2****
253 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(NHW): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2006 w
> 006
  3.
254 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,715

Number of strata = 52 — Population size = 21,914,221
Number of PSUs = 104 — Subpop. no. obs = 5,204
Subpop. size = 18,830,866
Average RVI = .
Largest FMI = .
Complete DF = 52
DF adjustment: Small sample — DF: min = 0.00
avg = .
max = .
Model F test: Equal FMI — F(22, 50.1) = 74.93
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0295416	.0104474	-2.83	0.007	-.0505247	-.0085585
AGE2006	.0968725	.0043202	22.42	0.000	.0881955	.1055496
SEX	-.4455404	.0404547	-11.01	0.000	-.5267924	-.3642884
NonWhite	0	(omitted)				
education						
2	-.1445914	.1324593	-1.09	0.280	-.4106295	.1214467
3	-.0356608	.055465	-0.64	0.523	-.1470596	.075738
4	-.0659686	.069353	-0.95	0.346	-.2052608	.0733237
5	-.1471202	.0629887	-2.34	0.024	-.2736303	-.02061
totwealth_2006						
2	-.1072318	.0420524	-2.55	0.014	-.1916923	-.0227714
3	.0056788	.1052218	0.05	0.957	-.2056543	.2170118
4	-.42496	.3144852	-1.35	0.183	-1.056605	.2066854
5	-38.55699	.	.	.	.	.
marital_2006						
2	-.1115506	.1295547	-0.86	0.393	-.371755	.1486537
3	.0192957	.1590901	0.12	0.904	-.3002293	.3388207
4	-.0265213	.1304803	-0.20	0.840	-.2885847	.2355421
work_st_2006	-.1456643	.0612939	-2.38	0.021	-.2687703	-.0225583
smoking_2006						
2	.2710877	.0484594	5.59	0.000	.1737585	.3684168
3	.6561537	.0836234	7.85	0.000	.4881921	.8241153
physic_act_2006	-.1968982	.0270999	-7.27	0.000	-.2513275	-.142469
2.srh_2006	.3824406	.0456467	8.38	0.000	.2907613	.4741198
bmibr_2006						
2	-.2400937	.0547024	-4.39	0.000	-.349961	-.1302264
3	-.1916725	.0633228	-3.03	0.004	-.3188536	-.0644914
cardiometcondbr_2006	.3129903	.0393212	7.96	0.000	.2340156	.391965
cesd_2006	.0263412	.0132828	1.98	0.053	-.0003367	.0530191

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,715

Number of strata = 52 — Population size = 21,914,221
Number of PSUs = 104 — Subpop. no. obs = 5,204
Subpop. size = 18,830,866
Average RVI = 15.0687
Largest FMI = 0.9982
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 0.22
avg = 47.93
max = 50.11
Model F test: **Equal FMI** — F(23, 49.8) = 25.92
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.1001005	.0105844	9.46	0.000	.0788422	.1213588
AGE2006	.0767073	.0051334	14.94	0.000	.0663971	.0870174
SEX	-.4033616	.0381156	-10.58	0.000	-.4799156	-.3268076
NonWhite	0	(omitted)				
education						
2	-.1396455	.1179798	-1.18	0.242	-.376602	.0973111
3	-.0102936	.0567409	-0.18	0.857	-.1242549	.1036677
4	-.0292256	.0682568	-0.43	0.670	-.1663162	.107865
5	-.0573247	.0624989	-0.92	0.363	-.1828514	.0682019
totwealth_2006						
2	-.0532288	.043354	-1.23	0.225	-.1403033	.0338457
3	.047902	.100902	0.47	0.637	-.154755	.2505589
4	-.3637227	.296919	-1.22	0.226	-.9600992	.2326537
5	-40.64466	8.81817	-4.61	0.532	-2272935	2272854
marital_2006						
2	-.17141	.1353469	-1.27	0.211	-.4432475	.1004276
3	-.0057014	.1676218	-0.03	0.973	-.3423618	.330959
4	-.0544207	.1367107	-0.40	0.692	-.3289976	.2201562
work_st_2006	-.0986877	.0588732	-1.68	0.100	-.2169319	.0195564
smoking_2006						
2	.2805724	.047121	5.95	0.000	.1859306	.3752142
3	.6704637	.0958291	7.00	0.000	.4779867	.8629406
physic_act_2006	-.1725155	.0277652	-6.21	0.000	-.2282811	-.1167499
2.srh_2006	.3383232	.0439092	7.71	0.000	.2501335	.4265129
bmibr_2006						
2	-.2134561	.056171	-3.80	0.000	-.3262729	-.1006392
3	-.1518956	.0650316	-2.34	0.024	-.2825086	-.0212825
cardiometcondbr_2006	.292498	.0415594	7.04	0.000	.2090279	.3759681
cesd_2006	.0021298	.0122547	0.17	0.863	-.0224833	.0267428

Multiple-imputation estimates
Survey: Cox regression

Number of strata = 52
Number of PSUs = 104

DF adjustment: Small sample

Model F test: Equal FMI
Within VCE type: Linearized

Imputations = 5
Number of obs = 6,715

Population size = 21,914,221
Subpop. no. obs = 5,204
Subpop. size = 18,830,866
Average RVI = .
Largest FMI = .
Complete DF = 52
DF: min = 0.00
avg = .
max = .
F(22, 50.1) = 84.04
Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1076154	.0092004	11.70	0.000	.0891367	.126094
AGE2006	.0756978	.0048557	15.59	0.000	.0659453	.0854503
SEX	-.3931046	.0383462	-10.25	0.000	-.4701218	-.3160874
NonWhite	0	(omitted)				
education						
2	-.0846613	.1125008	-0.75	0.455	-.3106136	.1412911
3	.0280698	.0555776	0.51	0.616	-.0835551	.1396948
4	-.0026885	.0672626	-0.04	0.968	-.1377824	.1324053
5	-.0382358	.0627866	-0.61	0.545	-.1643402	.0878687
totwealth_2006						
2	-.0511505	.042789	-1.20	0.238	-.1370904	.0347894
3	.0594244	.1034982	0.57	0.568	-.1484467	.2672956
4	-.3557765	.2989665	-1.19	0.240	-.9562694	.2447164
5	-42.78134	.	.	.	.	.
marital_2006						
2	-.1532211	.1311098	-1.17	0.248	-.4165487	.1101065
3	-.0079214	.1619948	-0.05	0.961	-.3332803	.3174374
4	-.0602922	.1327645	-0.45	0.652	-.3269432	.2063588
work_st_2006	-.1075963	.0592559	-1.82	0.075	-.2266092	.0114165
smoking_2006						
2	.2910954	.0482548	6.03	0.000	.1941765	.3880142
3	.6520577	.0991997	6.57	0.000	.4528113	.851304
physic_act_2006	-.1593071	.0285776	-5.57	0.000	-.2167043	-.1019098
2.srh_2006	.344893	.0442227	7.80	0.000	.2560736	.4337123
bmibr_2006						
2	-.218044	.0572625	-3.81	0.000	-.3330532	-.1030348
3	-.1541558	.0668965	-2.30	0.025	-.2885144	-.0197972
cardiometcondbr_2006	.2749947	.0429176	6.41	0.000	.1887967	.3611926
cesd_2006	-.0004589	.0120758	-0.04	0.970	-.0247126	.0237949

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,715

Number of strata = 52 — Population size = 21,914,221
Number of PSUs = 104 — Subpop. no. obs = 5,204
Subpop. size = 18,830,866
Average RVI = 11.5856
Largest FMI = 0.9976
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 0.27
avg = 47.93
max = 50.11
Model F test: **Equal FMI** — F(23, 4.0) = 31.23
Within VCE type: **Linearized** — Prob > F = 0.0021

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1528878	.0136039	11.24	0.000	.125565	.1802106
AGE2006	.0774719	.0047844	16.19	0.000	.0678626	.0870812
SEX	-.4431873	.0384583	-11.52	0.000	-.5204294	-.3659452
NonWhite	0	(omitted)				
education						
2	-.0617925	.1123645	-0.55	0.585	-.2874711	.1638861
3	.0546526	.0571132	0.96	0.343	-.0600566	.1693618
4	.035487	.0684948	0.52	0.607	-.1020815	.1730556
5	.0016908	.0640036	0.03	0.979	-.126858	.1302396
totwealth_2006						
2	-.0477968	.0431216	-1.11	0.273	-.1344047	.0388111
3	.060638	.1011732	0.60	0.552	-.1425635	.2638395
4	-.3539881	.2944714	-1.20	0.235	-.9454585	.2374824
5	-39.41499	7.975846	-4.94	0.459	-132131.9	132053.1
marital_2006						
2	-.176828	.135047	-1.31	0.196	-.4480634	.0944073
3	-.0011198	.1658328	-0.01	0.995	-.3341871	.3319476
4	-.0678513	.1369556	-0.50	0.622	-.3429201	.2072175
work_st_2006	-.1042721	.0579114	-1.80	0.078	-.2205846	.0120405
smoking_2006						
2	.2910709	.0481617	6.04	0.000	.1943391	.3878027
3	.6577208	.1006803	6.53	0.000	.4555016	.8599401
physic_act_2006	-.1595818	.0282994	-5.64	0.000	-.2164203	-.1027434
2.srh_2006	.3482528	.0447613	7.78	0.000	.2583518	.4381538
bmibr_2006						
2	-.1889398	.0571123	-3.31	0.002	-.3036473	-.0742323
3	-.0953597	.0662042	-1.44	0.156	-.2283279	.0376084
cardiometcondbr_2006	.2847602	.0430813	6.61	0.000	.1982335	.3712869
cesd_2006	.0003817	.0118444	0.03	0.974	-.0234071	.0241706

```
255 .
256 .
257 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(NHW): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2006 w
> 006
  3.
258 . }

Multiple-imputation estimates                Imputations       =          5
Survey: Cox regression                       Number of obs     =      6,715
```

Number of strata = **52** Population size = **21,914,221**
Number of PSUs = **104** Subpop. no. obs = **5,204**
Subpop. size = **18,830,866**
Average RVI = **.**
Largest FMI = **.**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **0.00**
avg = **.**
max = **.**
Model F test: **Equal FMI** F(**22**, **50.1**) = **73.55**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0559764	.0298118	-1.88	0.066	-.115852	.0038993
AGE2006	.0967412	.0044191	21.89	0.000	.0878656	.1056168
SEX	-.4508161	.0403777	-11.16	0.000	-.5319135	-.3697187
NonWhite	0	(omitted)				
education						
2	-.1422455	.1310741	-1.09	0.283	-.4055013	.1210104
3	-.038114	.0554479	-0.69	0.495	-.1494785	.0732504
4	-.0690086	.0690359	-1.00	0.322	-.207664	.0696468
5	-.1481187	.0627692	-2.36	0.022	-.274188	-.0220494
totwealth_2006						
2	-.1075944	.0422906	-2.54	0.014	-.1925332	-.0226556
3	.0018745	.1049076	0.02	0.986	-.2088275	.2125765
4	-.4337396	.3151967	-1.38	0.175	-1.066814	.1993353
5	-41.14229	.	.	.	.	.
marital_2006						
2	-.1122094	.1295712	-0.87	0.391	-.3724468	.148028
3	.0205968	.1591376	0.13	0.898	-.2990235	.3402171
4	-.027769	.130932	-0.21	0.833	-.2907396	.2352016
work_st_2006	-.1458185	.0609618	-2.39	0.021	-.2682575	-.0233795
smoking_2006						
2	.2701854	.04927	5.48	0.000	.1712281	.3691427
3	.6489595	.0902627	7.19	0.000	.4676641	.8302549
physic_act_2006	-.196682	.0270002	-7.28	0.000	-.2509112	-.1424529
2.srh_2006	.3767299	.0457572	8.23	0.000	.2848286	.4686311
bmibr_2006						
2	-.2372817	.0549416	-4.32	0.000	-.3476295	-.1269339
3	-.192468	.0630125	-3.05	0.004	-.3190258	-.0659102
cardiometcondbr_2006	.3087076	.0406687	7.59	0.000	.2270263	.3903888
cesd_2006	.0208234	.0132437	1.57	0.122	-.005776	.0474227

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,715**

Number of strata = **52** Population size = **21,914,221**
Number of PSUs = **104** Subpop. no. obs = **5,204**
Subpop. size = **18,830,866**
Average RVI = **.**
Largest FMI = **.**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **0.00**
avg = **.**
max = **.**
Model F test: **Equal FMI** F(**22**, **50.1**) = **78.98**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.4284865	.0702822	6.10	0.000	.2873281	.569645
AGE2006	.0892408	.0044957	19.85	0.000	.0802114	.0982703
SEX	-.4512739	.0393344	-11.47	0.000	-.5302759	-.3722719
NonWhite	0	(omitted)				
education						
2	-.114055	.1209502	-0.94	0.350	-.3569776	.1288676
3	-.0144268	.0561818	-0.26	0.798	-.1272654	.0984117
4	-.0498141	.0680829	-0.73	0.468	-.1865555	.0869274
5	-.1232998	.0611265	-2.02	0.049	-.2460699	-.0005297
totwealth_2006						
2	-.0708722	.0435644	-1.63	0.110	-.1583694	.016625
3	.0325368	.1034407	0.31	0.754	-.175219	.2402925
4	-.402801	.311503	-1.29	0.202	-1.028459	.2228567
5	-42.64034	.	.	.	.	.
marital_2006						
2	-.1303823	.1324317	-0.98	0.330	-.3963649	.1356003
3	.0437812	.163322	0.27	0.790	-.2842433	.3718057
4	-.0127862	.1340099	-0.10	0.924	-.2819387	.2563663
work_st_2006	-.1519983	.0602598	-2.52	0.015	-.2730273	-.0309694
smoking_2006						
2	.2689579	.0470123	5.72	0.000	.1745351	.3633807
3	.6593763	.0905363	7.28	0.000	.4775303	.8412224
physic_act_2006	-.1837125	.0282543	-6.50	0.000	-.2404604	-.1269647
2.srh_2006	.3490617	.043805	7.97	0.000	.2610813	.437042
bmibr_2006						
2	-.2159389	.0571159	-3.78	0.000	-.3306536	-.1012242
3	-.1571966	.0661517	-2.38	0.021	-.2900595	-.0243338
cardiometcondbr_2006	.3047102	.0414781	7.35	0.000	.2214034	.388017
cesd_2006	.0052085	.0120626	0.43	0.668	-.0190187	.0294358

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,715**

Number of strata = **52** Population size = **21,914,221**
Number of PSUs = **104** Subpop. no. obs = **5,204**
Subpop. size = **18,830,866**
Average RVI = **.**
Largest FMI = **.**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **0.00**
avg = **.**
max = **.**
Model F test: **Equal FMI** F(**22**, **50.1**) = **78.97**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.4737119	.0661107	7.17	0.000	.3409314	.6064924
AGE2006	.0902597	.0043664	20.67	0.000	.0814899	.0990294
SEX	-.4508692	.0375569	-12.00	0.000	-.5263012	-.3754372
NonWhite	0	(omitted)				
education						
2	-.1148094	.1223449	-0.94	0.353	-.3605332	.1309143
3	.0108524	.0538462	0.20	0.841	-.0972952	.1189999
4	-.0302355	.0682563	-0.44	0.660	-.1673251	.106854
5	-.0953826	.0628212	-1.52	0.135	-.2215565	.0307914
totwealth_2006						
2	-.0848346	.0406209	-2.09	0.042	-.1664198	-.0032495
3	.0182293	.1036133	0.18	0.861	-.1898731	.2263317
4	-.4427715	.3054586	-1.45	0.153	-1.0563	.170757
5	-47.04566	.	.	.	.	.
marital_2006						
2	-.1393803	.1291582	-1.08	0.286	-.3987883	.1200276
3	.0208525	.1590856	0.13	0.896	-.2986634	.3403684
4	-.0383187	.1307252	-0.29	0.771	-.300874	.2242366
work_st_2006	-.1446718	.0597518	-2.42	0.019	-.2646806	-.0246629
smoking_2006						
2	.2828724	.0480719	5.88	0.000	.1863209	.3794239
3	.6695036	.0889014	7.53	0.000	.4909404	.8480669
physic_act_2006	-.1754576	.0274888	-6.38	0.000	-.230668	-.1202472
2.srh_2006	.3576567	.0433601	8.25	0.000	.2705699	.4447436
bmibr_2006						
2	-.2184552	.0561151	-3.89	0.000	-.3311599	-.1057505
3	-.1509446	.0654126	-2.31	0.025	-.282323	-.0195661
cardiometcondbr_2006	.2968428	.0424453	6.99	0.000	.2115933	.3820922
cesd_2006	.0035375	.0125189	0.28	0.779	-.0216062	.0286811

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,715**

Number of strata = **52** Population size = **21,914,221**
Number of PSUs = **104** Subpop. no. obs = **5,204**
Subpop. size = **18,830,866**
Average RVI = **12.4126**
Largest FMI = **0.9975**
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **0.29**
avg = **47.93**
max = **50.11**
Model F test: **Equal FMI** F(**23**, **3.8**) = **36.90**
Within VCE type: **Linearized** Prob > F = **0.0020**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4163885	.0772828	5.39	0.000	.2611696	.5716074
AGE2006	.0901765	.0043382	20.79	0.000	.0814633	.0988896
SEX	-.4647633	.0383887	-12.11	0.000	-.5418659	-.3876607
NonWhite	0	(omitted)				
education						
2	-.1196177	.1206129	-0.99	0.326	-.3618628	.1226273
3	-.008336	.0572658	-0.15	0.885	-.1233516	.1066796
4	-.0369945	.068208	-0.54	0.590	-.173987	.099998
5	-.1121046	.0626328	-1.79	0.080	-.2378999	.0136907
totwealth_2006						
2	-.0777677	.0426688	-1.82	0.074	-.163466	.0079306
3	.0238971	.1039406	0.23	0.819	-.1848626	.2326568
4	-.4353768	.3042944	-1.43	0.159	-1.046561	.1758074
5	-39.04034	6.611874	-5.90	0.420	-60641.01	60562.93
marital_2006						
2	-.1378874	.1290461	-1.07	0.290	-.3970701	.1212953
3	.0390468	.1590331	0.25	0.807	-.2803637	.3584573
4	-.0373036	.1310221	-0.28	0.777	-.3004552	.2258479
work_st_2006	-.1501444	.0594187	-2.53	0.015	-.2694842	-.0308046
smoking_2006						
2	.2675014	.0481084	5.56	0.000	.1708768	.364126
3	.6147614	.1067286	5.76	0.000	.4003949	.8291279
physic_act_2006	-.1781365	.0272349	-6.54	0.000	-.2328369	-.123436
2.srh_2006	.3576477	.044288	8.08	0.000	.2686973	.4465981
bmibr_2006						
2	-.2121581	.0561304	-3.78	0.000	-.3248935	-.0994227
3	-.1361006	.0632933	-2.15	0.036	-.2632224	-.0089788
cardiometcondbr_2006	.2925553	.044715	6.54	0.000	.2027474	.3823633
cesd_2006	.0073733	.0131449	0.56	0.577	-.0190276	.0337743

```
259 .
260 .
261 . ***MODEL 3: MODEL 2 + ALCOHOL (SENSITIVITY ANALYSIS)****
262 .
263 .
264 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(NHW): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2006 w
> ork_st_2006 smoking_2006 physic_act_2006 2.srh_2006 bmibr_2006 hibpe_2006 diabe_2006 cancre_2006 lung_2006 he
> art_2006 stroke_2006 psyche_2006 arthre_2006 dyslipe_2006 livere_2006 kidneye_2006 digeste_2006 asthmae_2006
> alcohol_2006
  3.
265 . }

Multiple-imputation estimates                Imputations       =          5
Survey: Cox regression                       Number of obs     =      6,515

Number of strata  =        52                Population size   =  21,202,919
Number of PSUs    =       104                Subpop. no. obs   =      5,004
                                             Subpop. size      =  18,119,564
                                             Average RVI       =          .
                                             Largest FMI       =          .
                                             Complete DF       =         52
DF adjustment:   Small sample                DF:     min       =       0.00
                                                     avg       =          .
                                                     max       =          .
Model F test:       Equal FMI                F(  23,   50.1)   =      66.40
Within VCE type:   Linearized                Prob > F          =     0.0000

------------------------------------------------------------------------------
          _t | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
poorsleep_2006 |  -.0296869   .0105014    -2.83   0.007    -.0507785   -.0085952
     AGE2006 |   .0952324   .0044285    21.50   0.000     .0863379    .1041268
         SEX |  -.4592513   .0392747   -11.69   0.000    -.5381335    -.380369
    NonWhite |           0  (omitted)
             |
   education |
           2 |  -.1547834   .1357999    -1.14   0.260    -.4275308     .117964
           3 |  -.0287211   .0554928    -0.52   0.607    -.1401757    .0827336
           4 |  -.0629812   .0707197    -0.89   0.377    -.2050183     .079056
           5 |  -.1479194   .0682789    -2.17   0.035    -.2850546   -.0107843
             |
totwealth_2006 |
           2 |  -.0987009   .0443293    -2.23   0.031    -.1877344   -.0096674
           3 |   .0629385   .1043328     0.60   0.549    -.1466093    .2724863
           4 |  -.4031385   .3074621    -1.31   0.196    -1.020679    .2144022
           5 |    -41.767          .        .       .           .           .
             |
  marital_2006 |
           2 |   -.162116   .1264305    -1.28   0.206    -.4160456    .0918136
           3 |  -.0179473   .1544199    -0.12   0.908    -.3280924    .2921977
           4 |  -.0760522   .1285117    -0.59   0.557    -.3341618    .1820574
             |
  work_st_2006 |  -.1464423   .0624396    -2.35   0.023    -.2718493   -.0210353
             |
  smoking_2006 |
           2 |   .2903225   .0523409     5.55   0.000     .1851977    .3954473
           3 |   .6643281    .083383     7.97   0.000     .4968498    .8318063
             |
physic_act_2006 |   -.189115   .0271103    -6.98   0.000    -.2435652   -.1346649
   2.srh_2006 |   .3704535   .0446472     8.30   0.000     .2807817    .4601253
             |
    bmibr_2006 |
           2 |  -.2355752   .0550577    -4.28   0.000    -.3461561   -.1249944
           3 |  -.1780606   .0638041    -2.79   0.007    -.3062085   -.0499127
```

cardiometcondbr_2006	.3107001	.040797	7.62	0.000	.2287611	.3926391
cesd_2006	.0281354	.01378	2.04	0.046	.000459	.0558118
alcohol_2006	-.0387834	.0172815	-2.24	0.029	-.0734924	-.0040743

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,515

Number of strata = 52 — Population size = 21,202,919
Number of PSUs = 104 — Subpop. no. obs = 5,004
Subpop. size = 18,119,564
Average RVI = .
Largest FMI = .
Complete DF = 52
DF adjustment: Small sample — DF: min = 0.00
avg = .
max = .
Model F test: Equal FMI — F(23, 50.1) = 77.42
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.1012409	.0102806	9.85	0.000	.0805927	.121889
AGE2006	.0748498	.0050993	14.68	0.000	.064608	.0850915
SEX	-.4111589	.0370192	-11.11	0.000	-.4855109	-.3368069
NonWhite	0	(omitted)				
education						
2	-.1395398	.1212332	-1.15	0.255	-.3830307	.1039512
3	-.0002267	.0573022	-0.00	0.997	-.1153154	.114862
4	-.026801	.070779	-0.38	0.707	-.1689573	.1153553
5	-.0564952	.0663076	-0.85	0.398	-.1896714	.076681
totwealth_2006						
2	-.0472711	.0474538	-1.00	0.324	-.14258	.0480378
3	.0972215	.1017402	0.96	0.344	-.1071188	.3015618
4	-.3492604	.2904221	-1.20	0.235	-.9325905	.2340697
5	-45.25065	.	.	.	.	.
marital_2006						
2	-.2329712	.1282063	-1.82	0.075	-.4904672	.0245248
3	-.0541665	.1582281	-0.34	0.734	-.3719601	.2636271
4	-.1139434	.1326167	-0.86	0.394	-.3802977	.1524108
work_st_2006	-.101679	.0599013	-1.70	0.096	-.2219882	.0186302
smoking_2006						
2	.2971218	.0509097	5.84	0.000	.1948709	.3993728
3	.6800328	.095237	7.14	0.000	.4887451	.8713204
physic_act_2006	-.1659918	.027835	-5.96	0.000	-.2218976	-.1100861
2.srh_2006	.3267937	.0425914	7.67	0.000	.2412508	.4123367
bmibr_2006						
2	-.207075	.0564057	-3.67	0.001	-.3203633	-.0937868
3	-.1360339	.0656383	-2.07	0.043	-.2678654	-.0042024
cardiometcondbr_2006	.289411	.0432174	6.70	0.000	.2026109	.3762112
cesd_2006	.0044952	.0127952	0.35	0.727	-.0212033	.0301937
alcohol_2006	-.0278472	.0164206	-1.70	0.096	-.0608272	.0051329

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,515

Number of strata = 52 — Population size = 21,202,919
Number of PSUs = 104 — Subpop. no. obs = 5,004
Subpop. size = 18,119,564
Average RVI = .
Largest FMI = .
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 0.00
avg = .
max = .
Model F test: **Equal FMI** — F(23, 50.1) = 75.12
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1098797	.009125	12.04	0.000	.0915524	.128207
AGE2006	.0738191	.0048995	15.07	0.000	.0639786	.0836595
SEX	-.3984925	.0371812	-10.72	0.000	-.4731701	-.3238149
NonWhite	0	(omitted)				
education						
2	-.0865768	.1146246	-0.76	0.454	-.3167945	.143641
3	.0374899	.0563321	0.67	0.509	-.0756503	.1506301
4	-.0025545	.069448	-0.04	0.971	-.1420375	.1369285
5	-.0394843	.0661812	-0.60	0.553	-.1724065	.0934379
totwealth_2006						
2	-.0428305	.0465728	-0.92	0.362	-.13637	.0507089
3	.11462	.1036456	1.11	0.274	-.0935474	.3227875
4	-.3397198	.2927598	-1.16	0.251	-.9277502	.2483107
5	-45.58321	.	.	.	.	.
marital_2006						
2	-.2132326	.1257165	-1.70	0.096	-.4657282	.0392629
3	-.0521491	.1541131	-0.34	0.736	-.3616779	.2573797
4	-.117506	.1301806	-0.90	0.371	-.3789676	.1439555
work_st_2006	-.1088651	.0604009	-1.80	0.078	-.2301777	.0124476
smoking_2006						
2	.3062209	.0522041	5.87	0.000	.2013704	.4110714
3	.6605047	.0992702	6.65	0.000	.4611169	.8598926
physic_act_2006	-.1512977	.0286374	-5.28	0.000	-.208815	-.0937804
2.srh_2006	.3339656	.0427725	7.81	0.000	.2480589	.4198723
bmibr_2006						
2	-.2121779	.0577008	-3.68	0.001	-.3280673	-.0962884
3	-.135626	.0677961	-2.00	0.051	-.2717914	.0005394
cardiometcondbr_2006	.2720485	.0443163	6.14	0.000	.1830413	.3610557
cesd_2006	.0013508	.0124361	0.11	0.914	-.0236265	.0263281
alcohol_2006	-.0235658	.0158954	-1.48	0.144	-.0554911	.0083595

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,515

Number of strata	= 52	Population size	= 21,202,919
Number of PSUs	= 104	Subpop. no. obs	= 5,004
		Subpop. size	= 18,119,564
		Average RVI	= 20.2445
		Largest FMI	= 0.9985
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 0.18
		avg	= 48.01
		max	= 50.11
Model F test:	Equal FMI	F(24, 50.4)	= 19.73
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1551739	.0134763	11.51	0.000	.1281073	.1822405
AGE2006	.0757831	.004836	15.67	0.000	.0660701	.085496
SEX	-.4484763	.0370713	-12.10	0.000	-.5229329	-.3740198
NonWhite	0	(omitted)				
education						
2	-.0640382	.1145727	-0.56	0.579	-.2941518	.1660754
3	.0633122	.0581252	1.09	0.281	-.0534294	.1800538
4	.0342276	.0708008	0.48	0.631	-.1079726	.1764278
5	-.0032563	.0675709	-0.05	0.962	-.1389698	.1324572
totwealth_2006						
2	-.0431573	.0471013	-0.92	0.364	-.1377582	.0514435
3	.1053031	.1018652	1.03	0.306	-.0992884	.3098947
4	-.3430568	.2888298	-1.19	0.241	-.9231989	.2370853
5	-38.41477	9.920211	-3.87	0.598	-3.50e+07	3.50e+07
marital_2006						
2	-.234089	.1283254	-1.82	0.074	-.4918243	.0236464
3	-.0426044	.1571352	-0.27	0.787	-.358203	.2729943
4	-.1222804	.1330554	-0.92	0.362	-.3895158	.1449551
work_st_2006	-.10711	.0584894	-1.83	0.073	-.2245834	.0103633
smoking_2006						
2	.3031976	.0523318	5.79	0.000	.1980907	.4083045
3	.6618674	.1003738	6.59	0.000	.4602637	.8634712
physic_act_2006	-.1534773	.0284882	-5.39	0.000	-.2106951	-.0962595
2.srh_2006	.3380837	.0434054	7.79	0.000	.2509059	.4252615
bmibr_2006						
2	-.1826779	.0575428	-3.17	0.003	-.29825	-.0671057
3	-.076599	.0669051	-1.14	0.258	-.2109748	.0577769
cardiometcondbr_2006	.2831833	.0444416	6.37	0.000	.1939243	.3724422
cesd_2006	.0022474	.0122636	0.18	0.855	-.0223836	.0268783
alcohol_2006	-.0156806	.0158114	-0.99	0.326	-.047437	.0160759

```
266 .
267 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(NHW): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2006 w
> 006 alcohol_2006
  3.
268 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,515

Number of strata = 52 — Population size = 21,202,919
Number of PSUs = 104 — Subpop. no. obs = 5,004
Subpop. size = 18,119,564
Average RVI = 8.1358
Largest FMI = 0.9955
Complete DF = 52
DF adjustment: Small sample — DF: min = 0.46
avg = 48.03
max = 50.11
Model F test: Equal FMI — F(24, 6.1) = 66.62
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0571455	.0300496	-1.90	0.063	-.1174987	.0032077
AGE2006	.0951285	.0045327	20.99	0.000	.0860248	.1042322
SEX	-.4639478	.039194	-11.84	0.000	-.542668	-.3852277
NonWhite	0	(omitted)				
education						
2	-.1512109	.1345181	-1.12	0.266	-.4213839	.1189622
3	-.0312906	.0555025	-0.56	0.575	-.1427647	.0801835
4	-.0660254	.0705154	-0.94	0.354	-.2076523	.0756015
5	-.1488614	.0681409	-2.18	0.034	-.2857194	-.0120034
totwealth_2006						
2	-.0990376	.0446587	-2.22	0.031	-.1887327	-.0093424
3	.0596452	.1039096	0.57	0.569	-.1490526	.2683429
4	-.4119681	.308078	-1.34	0.187	-1.030746	.2068103
5	-43.15271	5.257186	-8.21	0.249	-1520.323	1434.018
marital_2006						
2	-.1611059	.1265195	-1.27	0.209	-.4152141	.0930023
3	-.0149209	.1544819	-0.10	0.923	-.3251905	.2953487
4	-.0758048	.1289981	-0.59	0.559	-.3348912	.1832816
work_st_2006	-.1467086	.0621638	-2.36	0.022	-.2715619	-.0218554
smoking_2006						
2	.289635	.0533162	5.43	0.000	.1825514	.3967185
3	.6575366	.0902992	7.28	0.000	.4761683	.8389049
physic_act_2006	-.1886762	.0270096	-6.99	0.000	-.2429242	-.1344281
2.srh_2006	.3648536	.0447192	8.16	0.000	.2750372	.4546701
bmibr_2006						
2	-.2326375	.0552237	-4.21	0.000	-.3435518	-.1217232
3	-.1784843	.0634203	-2.81	0.007	-.3058613	-.0511074
cardiometcondbr_2006	.3063987	.0421051	7.28	0.000	.2218325	.3909649
cesd_2006	.0226633	.0138607	1.64	0.108	-.0051752	.0505017
alcohol_2006	-.039035	.0173631	-2.25	0.029	-.0739081	-.0041619

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,515

Number of strata = 52 — Population size = 21,202,919
Number of PSUs = 104 — Subpop. no. obs = 5,004
Subpop. size = 18,119,564
Average RVI = .
Largest FMI = .
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 0.00
avg = .
max = .
Model F test: **Equal FMI** — F(23, 50.1) = 67.45
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.4411975	.0714314	6.18	0.000	.2977309	.5846641
AGE2006	.0873057	.0045932	19.01	0.000	.0780804	.096531
SEX	-.4642783	.0382202	-12.15	0.000	-.5410425	-.3875141
NonWhite	0	(omitted)				
education						
2	-.119041	.1233038	-0.97	0.339	-.3666907	.1286086
3	-.0036443	.056381	-0.06	0.949	-.1168829	.1095943
4	-.0442209	.0701578	-0.63	0.531	-.1851297	.0966878
5	-.1195837	.0665379	-1.80	0.078	-.2532222	.0140549
totwealth_2006						
2	-.0615787	.0464245	-1.33	0.191	-.1548202	.0316627
3	.0878835	.102879	0.85	0.397	-.1187442	.2945112
4	-.3828378	.3034888	-1.26	0.213	-.9924004	.2267249
5	-44.85649	.	.	.	.	.
marital_2006						
2	-.1891732	.1250908	-1.51	0.137	-.4404119	.0620655
3	-.0029825	.1547432	-0.02	0.985	-.313777	.3078119
4	-.0691282	.1289793	-0.54	0.594	-.3281769	.1899205
work_st_2006	-.1534831	.061014	-2.52	0.015	-.2760269	-.0309393
smoking_2006						
2	.2889661	.0516721	5.59	0.000	.1851846	.3927476
3	.6713393	.0905041	7.42	0.000	.4895583	.8531204
physic_act_2006	-.1767906	.0284251	-6.22	0.000	-.2338815	-.1196997
2.srh_2006	.3337338	.042372	7.88	0.000	.2486316	.418836
bmibr_2006						
2	-.2123618	.0573581	-3.70	0.001	-.3275629	-.0971608
3	-.1447147	.0668998	-2.16	0.035	-.2790801	-.0103492
cardiometcondbr_2006	.3017538	.0428162	7.05	0.000	.2157595	.3877482
cesd_2006	.0070344	.0126404	0.56	0.580	-.0183534	.0324221
alcohol_2006	-.0397608	.0174816	-2.27	0.027	-.0748718	-.0046499

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,515

Number of strata = **52** Population size = **21,202,919**
Number of PSUs = **104** Subpop. no. obs = **5,004**
Subpop. size = **18,119,564**
Average RVI = .
Largest FMI = .
Complete DF = **52**
DF adjustment: **Small sample** DF: min = **0.00**
avg = .
max = .
Model F test: **Equal FMI** F(**23**, **50.1**) = **71.46**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.4818162	.0679372	7.09	0.000	.3453673	.6182652
AGE2006	.088534	.0044544	19.88	0.000	.0795874	.0974806
SEX	-.4623558	.0360484	-12.83	0.000	-.5347582	-.3899534
NonWhite	0	(omitted)				
education						
2	-.1211972	.124893	-0.97	0.337	-.3720386	.1296441
3	.0201059	.0539296	0.37	0.711	-.0882093	.1284211
4	-.0266177	.0703138	-0.38	0.707	-.1678397	.1146042
5	-.0934404	.0678895	-1.38	0.175	-.2297937	.0429129
totwealth_2006						
2	-.0733224	.0431743	-1.70	0.096	-.1600361	.0133914
3	.0778095	.1033891	0.75	0.455	-.1298426	.2854616
4	-.4203566	.2978883	-1.41	0.164	-1.018685	.1779715
5	-42.85759	.	.	.	.	.
marital_2006						
2	-.1873164	.1265083	-1.48	0.145	-.4414022	.0667693
3	-.0145803	.1549241	-0.09	0.925	-.3257381	.2965774
4	-.0836245	.1292576	-0.65	0.521	-.3432322	.1759831
work_st_2006	-.1458984	.0604363	-2.41	0.019	-.2672821	-.0245147
smoking_2006						
2	.3045031	.0517327	5.89	0.000	.2005995	.4084067
3	.6830694	.0886862	7.70	0.000	.5049386	.8612002
physic_act_2006	-.1674871	.027454	-6.10	0.000	-.2226276	-.1123466
2.srh_2006	.3427215	.0423903	8.08	0.000	.2575825	.4278605
bmibr_2006						
2	-.2137858	.0562915	-3.80	0.000	-.3268448	-.1007268
3	-.1370484	.0658197	-2.08	0.042	-.2692444	-.0048524
cardiometcondbr_2006	.2933224	.0438124	6.69	0.000	.2053273	.3813176
cesd_2006	.0049764	.0128139	0.39	0.699	-.0207598	.0307125
alcohol_2006	-.0401667	.0164267	-2.45	0.018	-.0731591	-.0071744

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,515**

Number of strata	= 52	Population size	= 21,202,919
Number of PSUs	= 104	Subpop. no. obs	= 5,004
		Subpop. size	= 18,119,564
		Average RVI	= .
		Largest FMI	= .
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 0.00
		avg	= .
		max	= .
Model F test:	Equal FMI	F(23, 50.1)	= 67.58
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4202911	.0798974	5.26	0.000	.2598209	.5807612
AGE2006	.0885224	.0044267	20.00	0.000	.0796315	.0974132
SEX	-.4753127	.0371413	-12.80	0.000	-.5499099	-.4007154
NonWhite	0	(omitted)				
education						
2	-.126213	.1230632	-1.03	0.310	-.3733793	.1209533
3	.0007749	.0577941	0.01	0.989	-.1153017	.1168516
4	-.0347349	.0696166	-0.50	0.620	-.1745565	.1050867
5	-.1131559	.0674681	-1.68	0.100	-.2486627	.0223509
totwealth_2006						
2	-.0691302	.0457611	-1.51	0.137	-.1610393	.0227789
3	.0789619	.1035781	0.76	0.449	-.1290698	.2869937
4	-.415309	.2970073	-1.40	0.168	-1.01186	.181242
5	-49.84851	.	.	.	.	.
marital_2006						
2	-.1862353	.1257787	-1.48	0.145	-.4388557	.0663851
3	.0031254	.1540168	0.02	0.984	-.30621	.3124607
4	-.0844147	.1288084	-0.66	0.515	-.3431201	.1742907
work_st_2006	-.1507821	.0599377	-2.52	0.015	-.2711643	-.0303999
smoking_2006						
2	.2869789	.0525459	5.46	0.000	.1814422	.3925156
3	.6235574	.1080319	5.77	0.000	.4065736	.8405411
physic_act_2006	-.1709748	.0273241	-6.26	0.000	-.2258544	-.1160951
2.srh_2006	.3452028	.0430462	8.02	0.000	.2587465	.4316591
bmibr_2006						
2	-.2069313	.0562053	-3.68	0.001	-.3198171	-.0940455
3	-.120659	.0632843	-1.91	0.062	-.2477628	.0064447
cardiometcondbr_2006	.2891885	.0459169	6.30	0.000	.1969666	.3814104
cesd_2006	.0088989	.0135268	0.66	0.514	-.0182691	.036067
alcohol_2006	-.0359444	.0171937	-2.09	0.042	-.0704773	-.0014116

```
269 .
270 .
271 .
272 . ****************NHB*************************
273 .
274 .
275 . ***MODEL 1****
276 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(NHB): stcox `x' AGE2006 SEX NonWhite
  3.
277 . }
```

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      6,461

Number of strata  =        48                 Population size   =  21,055,017
Number of PSUs    =        96                 Subpop. no. obs   =        818
                                              Subpop. size      =  1,787,750
                                              Average RVI       =     0.0000
                                              Largest FMI       =     0.0000
                                              Complete DF       =         48
DF adjustment:   Small sample                 DF:     min       =      46.12
                                                      avg       =      46.12
                                                      max       =      46.12
Model F test:       Equal FMI                 F(   3,   46.1)   =      86.36
Within VCE type:   Linearized                 Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0282268	.0163952	-1.72	0.092	-.0612265	.0047728
AGE2006	.0923665	.0057427	16.08	0.000	.0808079	.1039251
SEX	-.3193047	.0950526	-3.36	0.002	-.5106225	-.127987
NonWhite	0	(omitted)				

Note: 4 strata omitted because they contain no subpopulation members.

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      6,461

Number of strata  =        48                 Population size   =  21,055,017
Number of PSUs    =        96                 Subpop. no. obs   =        818
                                              Subpop. size      =  1,787,750
                                              Average RVI       =     0.0000
                                              Largest FMI       =     0.0000
                                              Complete DF       =         48
DF adjustment:   Small sample                 DF:     min       =      46.12
                                                      avg       =      46.12
                                                      max       =      46.12
Model F test:       Equal FMI                 F(   3,   46.1)   =      97.10
Within VCE type:   Linearized                 Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.1005256	.0208345	4.82	0.000	.0585908	.1424603
AGE2006	.0707455	.0074401	9.51	0.000	.0557705	.0857205
SEX	-.300118	.0988865	-3.03	0.004	-.4991525	-.1010836
NonWhite	0	(omitted)				

Note: 4 strata omitted because they contain no subpopulation members.

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      6,461

Number of strata  =        48                 Population size   =  21,055,017
Number of PSUs    =        96                 Subpop. no. obs   =        818
                                              Subpop. size      =  1,787,750
                                              Average RVI       =     0.0000
                                              Largest FMI       =     0.0000
                                              Complete DF       =         48
DF adjustment:   Small sample                 DF:     min       =      46.12
                                                      avg       =      46.12
                                                      max       =      46.12
Model F test:       Equal FMI                 F(   3,   46.1)   =     105.37
Within VCE type:   Linearized                 Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1470639	.0165001	8.91	0.000	.1138532	.1802746
AGE2006	.0623391	.0071143	8.76	0.000	.0480197	.0766585
SEX	-.3317313	.0959238	-3.46	0.001	-.5248026	-.13866
NonWhite	0	(omitted)				

Note: 4 strata omitted because they contain no subpopulation members.

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      6,461

Number of strata  =        48                 Population size   =  21,055,017
Number of PSUs    =        96                 Subpop. no. obs   =        818
                                              Subpop. size      =  1,787,750
                                              Average RVI       =     0.0000
                                              Largest FMI       =     0.0000
                                              Complete DF       =         48
DF adjustment:   Small sample                 DF:     min       =      46.12
                                                      avg       =      46.12
                                                      max       =      46.12
Model F test:       Equal FMI                 F(   3,   46.1)   =      99.92
Within VCE type:   Linearized                 Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.2132991	.027623	7.72	0.000	.1577006	.2688975
AGE2006	.0620397	.0072518	8.56	0.000	.0474435	.0766359
SEX	-.3538104	.0917342	-3.86	0.000	-.538449	-.1691718
NonWhite	0	(omitted)				

Note: 4 strata omitted because they contain no subpopulation members.

```
278 .
```

```
279 .
280 .
281 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(NHB): stcox `x' AGE2006 SEX NonWhite
  3.
282 . }
```

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      6,461

Number of strata  =        48                 Population size   =  21,055,017
Number of PSUs    =        96                 Subpop. no. obs   =        818
                                              Subpop. size      =  1,787,750
                                              Average RVI       =     0.0000
                                              Largest FMI       =     0.0000
                                              Complete DF       =         48
DF adjustment:   Small sample                 DF:     min       =      46.12
                                                      avg       =      46.12
                                                      max       =      46.12
Model F test:       Equal FMI                 F(   3,   46.1)   =      86.47
Within VCE type:   Linearized                 Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0726029	.0482427	-1.50	0.139	-.1697038	.024498
AGE2006	.0925846	.0057882	16.00	0.000	.0809344	.1042348
SEX	-.3250224	.0956501	-3.40	0.001	-.5175428	-.132502
NonWhite	0	(omitted)				

Note: 4 strata omitted because they contain no subpopulation members.

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      6,461

Number of strata  =        48                 Population size   =  21,055,017
Number of PSUs    =        96                 Subpop. no. obs   =        818
                                              Subpop. size      =  1,787,750
                                              Average RVI       =     0.0000
                                              Largest FMI       =     0.0000
                                              Complete DF       =         48
DF adjustment:   Small sample                 DF:     min       =      46.12
                                                      avg       =      46.12
                                                      max       =      46.12
Model F test:       Equal FMI                 F(   3,   46.1)   =      82.98
Within VCE type:   Linearized                 Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.6414041	.1730312	3.71	0.001	.2931344	.9896739
AGE2006	.0750291	.0080411	9.33	0.000	.0588443	.091214
SEX	-.3513189	.100522	-3.49	0.001	-.5536453	-.1489926
NonWhite	0	(omitted)				

Note: 4 strata omitted because they contain no subpopulation members.

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      6,461
```

```
Number of strata  =        48                 Population size   =  21,055,017
Number of PSUs    =        96                 Subpop. no. obs   =         818
                                              Subpop. size      =   1,787,750
                                              Average RVI       =      0.0000
                                              Largest FMI       =      0.0000
                                              Complete DF       =          48
DF adjustment:   Small sample                 DF:     min       =       46.12
                                                      avg       =       46.12
                                                      max       =       46.12
Model F test:       Equal FMI                 F(   3,   46.1)   =       72.93
Within VCE type:   Linearized                 Prob > F          =      0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.7308949	.0898855	8.13	0.000	.5499772	.9118126
AGE2006	.075036	.0062672	11.97	0.000	.0624217	.0876503
SEX	-.3419775	.1001481	-3.41	0.001	-.5435514	-.1404037
NonWhite	0	(omitted)				

Note: 4 strata omitted because they contain no subpopulation members.

```
Multiple-imputation estimates                 Imputations       =           5
Survey: Cox regression                        Number of obs     =       6,461

Number of strata  =        48                 Population size   =  21,055,017
Number of PSUs    =        96                 Subpop. no. obs   =         818
                                              Subpop. size      =   1,787,750
                                              Average RVI       =      0.0000
                                              Largest FMI       =      0.0000
                                              Complete DF       =          48
DF adjustment:   Small sample                 DF:     min       =       46.12
                                                      avg       =       46.12
                                                      max       =       46.12
Model F test:       Equal FMI                 F(   3,   46.1)   =       96.03
Within VCE type:   Linearized                 Prob > F          =      0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.7136456	.1129496	6.32	0.000	.4863056	.9409857
AGE2006	.0732181	.0068511	10.69	0.000	.0594285	.0870077
SEX	-.3756357	.0943902	-3.98	0.000	-.5656202	-.1856511
NonWhite	0	(omitted)				

Note: 4 strata omitted because they contain no subpopulation members.

```
283 .
284 . ***MODEL 2****
285 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(NHB): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2006 w
> 006
  3.
```

```
286 . }

Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      6,330

Number of strata  =        47                 Population size   =  20,605,845
Number of PSUs    =        94                 Subpop. no. obs   =        753
                                              Subpop. size      =  1,643,919
                                              Average RVI       =     0.0021
                                              Largest FMI       =     0.0042
                                              Complete DF       =         47
DF adjustment:   Small sample                 DF:     min       =      45.01
                                                      avg       =      45.09
                                                      max       =      45.12
Model F test:       Equal FMI                 F(  21,   45.1)   =      48.03
Within VCE type:   Linearized                 Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0837608	.0272157	-3.08	0.004	-.1385743	-.0289473
AGE2006	.0881061	.0077143	11.42	0.000	.0725698	.1036424
SEX	-.1381583	.1240566	-1.11	0.271	-.3880083	.1116917
NonWhite	0	(omitted)				
education						
2	-.3277474	.2763679	-1.19	0.242	-.8843404	.2288456
3	-.2349428	.1135105	-2.07	0.044	-.4635509	-.0063347
4	-.5090723	.1902932	-2.68	0.010	-.8923164	-.1258282
5	-.3513885	.1676581	-2.10	0.042	-.6890484	-.0137286
totwealth_2006						
2	.1019815	.1064948	0.96	0.343	-.1125043	.3164673
3	-.2774507	.4907821	-0.57	0.575	-1.265867	.7109653
marital_2006						
2	-.1664136	.2676759	-0.62	0.537	-.7055058	.3726785
3	-.2585794	.2416107	-1.07	0.290	-.7451742	.2280154
4	-.239004	.2398212	-1.00	0.324	-.7219956	.2439876
work_st_2006	-.3287152	.1434458	-2.29	0.027	-.6176097	-.0398207
smoking_2006						
2	.3754407	.1431987	2.62	0.012	.0870391	.6638424
3	.9724242	.1903096	5.11	0.000	.589125	1.355723
physic_act_2006	-.1353767	.0619711	-2.18	0.034	-.2601843	-.0105692
2.srh_2006	.3326467	.1019621	3.26	0.002	.1272989	.5379946
bmibr_2006						
2	-.3794657	.1165397	-3.26	0.002	-.6141738	-.1447575
3	-.4100588	.1667683	-2.46	0.018	-.745923	-.0741946
cardiometcondbr_2006	.3882376	.0841362	4.61	0.000	.2187867	.5576884
cesd_2006	.0001249	.0296928	0.00	0.997	-.0596792	.0599291

```
Note: 5 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      6,330
```

Number of strata = **47** Population size = **20,605,845**
Number of PSUs = **94** Subpop. no. obs = **753**
Subpop. size = **1,643,919**
Average RVI = **0.0014**
Largest FMI = **0.0048**
Complete DF = **47**
DF adjustment: **Small sample** DF: min = **44.98**
avg = **45.10**
max = **45.12**
Model F test: **Equal FMI** F(**21**, **45.1**) = **23.79**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0900784	.0290422	3.10	0.003	.0315885	.1485682
AGE2006	.0717737	.0088996	8.06	0.000	.0538501	.0896973
SEX	-.1126148	.1171263	-0.96	0.341	-.3485098	.1232802
NonWhite	0	(omitted)				
education						
2	-.3711948	.2669592	-1.39	0.171	-.9088393	.1664497
3	-.2403604	.1172429	-2.05	0.046	-.4764851	-.0042356
4	-.4566251	.1937058	-2.36	0.023	-.8467424	-.0665078
5	-.2952546	.1629487	-1.81	0.077	-.6234306	.0329214
totwealth_2006						
2	.1497354	.1013248	1.48	0.146	-.0543429	.3538138
3	-.2526765	.5216974	-0.48	0.630	-1.303356	.7980026
marital_2006						
2	-.1695331	.2518172	-0.67	0.504	-.6766852	.337619
3	-.2045581	.2419904	-0.85	0.402	-.6919194	.2828032
4	-.2125525	.2313428	-0.92	0.363	-.6784676	.2533625
work_st_2006	-.3226687	.1443895	-2.23	0.030	-.6134636	-.0318738
smoking_2006						
2	.3565758	.1424539	2.50	0.016	.0696779	.6434736
3	.9573173	.2063041	4.64	0.000	.5417941	1.372841
physic_act_2006	-.1212956	.0611474	-1.98	0.053	-.244444	.0018529
2.srh_2006	.2179939	.0997718	2.18	0.034	.0170568	.4189311
bmibr_2006						
2	-.351984	.1264068	-2.78	0.008	-.6065636	-.0974044
3	-.3478105	.1767679	-1.97	0.055	-.7038134	.0081925
cardiometcondbr_2006	.3612604	.0761181	4.75	0.000	.2079604	.5145604
cesd_2006	-.0501264	.0230745	-2.17	0.035	-.0965989	-.003654

Note: 5 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,330**

Number of strata = **47** Population size = **20,605,845**
Number of PSUs = **94** Subpop. no. obs = **753**
Subpop. size = **1,643,919**
Average RVI = **0.0020**
Largest FMI = **0.0049**
Complete DF = **47**
DF adjustment: **Small sample** DF: min = **44.97**
avg = **45.09**
max = **45.12**
Model F test: **Equal FMI** F(**21**, **45.1**) = **24.74**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.101851	.0209326	4.87	0.000	.059693	.144009
AGE2006	.0683357	.0085716	7.97	0.000	.0510728	.0855986
SEX	-.1163127	.1183306	-0.98	0.331	-.3546328	.1220075
NonWhite	0	(omitted)				
education						
2	-.4622948	.2666508	-1.73	0.090	-.9993181	.0747284
3	-.2930101	.1204307	-2.43	0.019	-.5355553	-.0504649
4	-.4817436	.1923238	-2.50	0.016	-.8690774	-.0944098
5	-.3179278	.1556616	-2.04	0.047	-.6314291	-.0044266
totwealth_2006						
2	.1608482	.1007084	1.60	0.117	-.0419903	.3636867
3	-.3096887	.5320473	-0.58	0.563	-1.381213	.7618354
marital_2006						
2	-.0954235	.2631581	-0.36	0.719	-.6254169	.4345699
3	-.1634174	.2545097	-0.64	0.524	-.6759915	.3491568
4	-.1464526	.2428098	-0.60	0.549	-.6354619	.3425568
work_st_2006	-.312518	.1447024	-2.16	0.036	-.603943	-.021093
smoking_2006						
2	.3549211	.141872	2.50	0.016	.069195	.6406472
3	.9514363	.2136115	4.45	0.000	.521193	1.38168
physic_act_2006	-.1033237	.0611854	-1.69	0.098	-.2265489	.0199016
2.srh_2006	.1939107	.0998786	1.94	0.058	-.0072422	.3950636
bmibr_2006						
2	-.3453854	.1306826	-2.64	0.011	-.608577	-.0821938
3	-.338189	.1763792	-1.92	0.062	-.6934093	.0170313
cardiometcondbr_2006	.3397827	.0748696	4.54	0.000	.188997	.4905684
cesd_2006	-.0523644	.024036	-2.18	0.035	-.1007733	-.0039554

Note: 5 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,330**

Number of strata	= 47	Population size	= 20,605,845
Number of PSUs	= 94	Subpop. no. obs	= 753
		Subpop. size	= 1,643,919
		Average RVI	= 0.0020
		Largest FMI	= 0.0052
		Complete DF	= 47
DF adjustment:	**Small sample**	DF: min	= 44.96
		avg	= 45.09
		max	= 45.12
Model F test:	**Equal FMI**	F(21, 45.1)	= 29.02
Within VCE type:	**Linearized**	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1683596	.0340266	4.95	0.000	.0998313	.236888
AGE2006	.0671388	.0088285	7.60	0.000	.0493585	.0849191
SEX	-.1786523	.1169742	-1.53	0.134	-.414241	.0569363
NonWhite	0	(omitted)				
education						
2	-.4030981	.2618506	-1.54	0.131	-.930454	.1242578
3	-.2809286	.1216686	-2.31	0.026	-.5259662	-.035891
4	-.4436817	.1946393	-2.28	0.027	-.8356788	-.0516846
5	-.3003104	.1635397	-1.84	0.073	-.6296773	.0290565
totwealth_2006						
2	.1851463	.0996705	1.86	0.070	-.0156011	.3858937
3	-.3644337	.5256683	-0.69	0.492	-1.42311	.6942427
marital_2006						
2	-.1299461	.2546601	-0.51	0.612	-.6428241	.3829318
3	-.1382472	.2465255	-0.56	0.578	-.6347421	.3582476
4	-.1434998	.2342593	-0.61	0.543	-.6152892	.3282895
work_st_2006	-.2906566	.1421719	-2.04	0.047	-.5769853	-.0043279
smoking_2006						
2	.3539792	.1344287	2.63	0.012	.0832421	.6247163
3	.9436975	.2036621	4.63	0.000	.533491	1.353904
physic_act_2006	-.1010812	.0587889	-1.72	0.092	-.2194799	.0173175
2.srh_2006	.2252205	.100674	2.24	0.030	.0224666	.4279744
bmibr_2006						
2	-.3072301	.1273809	-2.41	0.020	-.5637717	-.0506885
3	-.253978	.1840766	-1.38	0.174	-.6247004	.1167444
cardiometcondbr_2006	.3493752	.0703798	4.96	0.000	.2076309	.4911195
cesd_2006	-.0494331	.0236865	-2.09	0.043	-.0971383	-.0017279

Note: 5 strata omitted because they contain no subpopulation members.

```
287 .
288 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(NHB): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2006 w
> ork_st_2006 i.smoking_2006 physic_act_2006 i.srh_2006 i.bmibr_2006 cardiometcondbr_2006 cesd_2006
  3.
289 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,330

Number of strata = 47 — Population size = 20,605,845
Number of PSUs = 94 — Subpop. no. obs = 753
Subpop. size = 1,643,919
Average RVI = 0.0019
Largest FMI = 0.0043
Complete DF = 47
DF adjustment: **Small sample** — DF: min = 45.00
avg = 45.09
max = 45.12
Model F test: **Equal FMI** — F(21, 45.1) = 34.89
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.2042416	.0754104	-2.71	0.010	-.3561228	-.0523604
AGE2006	.0883558	.0079532	11.11	0.000	.0723383	.1043733
SEX	-.1474995	.1226253	-1.20	0.235	-.3944671	.0994682
NonWhite	0	(omitted)				
education						
2	-.3273607	.2733647	-1.20	0.237	-.8779053	.223184
3	-.2423814	.1132704	-2.14	0.038	-.4705054	-.0142574
4	-.5066232	.1920982	-2.64	0.011	-.8935024	-.1197439
5	-.3635781	.1681996	-2.16	0.036	-.7023281	-.024828
totwealth_2006						
2	.1097162	.1071312	1.02	0.311	-.1060503	.3254828
3	-.2495097	.4987466	-0.50	0.619	-1.253966	.7549462
marital_2006						
2	-.2168724	.2635367	-0.82	0.415	-.747627	.3138822
3	-.3030883	.2383013	-1.27	0.210	-.7830187	.1768421
4	-.2959438	.2369414	-1.25	0.218	-.7731347	.1812471
work_st_2006	-.3237004	.1415444	-2.29	0.027	-.6087653	-.0386354
smoking_2006						
2	.3640972	.1453584	2.50	0.016	.0713453	.6568491
3	.9629587	.1960436	4.91	0.000	.5681103	1.357807
physic_act_2006	-.1369388	.0622526	-2.20	0.033	-.2623133	-.0115644
2.srh_2006	.3180961	.1038614	3.06	0.004	.1089231	.5272691
bmibr_2006						
2	-.3828148	.1173959	-3.26	0.002	-.6192467	-.1463828
3	-.4060914	.1671952	-2.43	0.019	-.7428154	-.0693675
cardiometcondbr_2006	.3828026	.0848982	4.51	0.000	.2118173	.5537879
cesd_2006	-.0099239	.0282017	-0.35	0.727	-.066725	.0468772

Note: 5 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,330

Number of strata = 47 — Population size = 20,605,845
Number of PSUs = 94 — Subpop. no. obs = 753
Subpop. size = 1,643,919
Average RVI = 0.0015
Largest FMI = 0.0042
Complete DF = 47
DF adjustment: Small sample — DF: min = 45.00
avg = 45.10
max = 45.12
Model F test: Equal FMI — F(21, 45.1) = 26.53
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.3258482	.1776459	1.83	0.073	-.0319237	.68362
AGE2006	.0790201	.008632	9.15	0.000	.0616357	.0964045
SEX	-.1381847	.1205215	-1.15	0.258	-.3809164	.1045469
NonWhite	0	(omitted)				
education						
2	-.3228714	.2728868	-1.18	0.243	-.8724535	.2267108
3	-.2463835	.1211898	-2.03	0.048	-.4904561	-.0023109
4	-.4708083	.1935198	-2.43	0.019	-.8605511	-.0810654
5	-.3276963	.1756696	-1.87	0.069	-.6814905	.0260979
totwealth_2006						
2	.105757	.1028861	1.03	0.309	-.1014616	.3129757
3	-.3736174	.46546	-0.80	0.426	-1.311037	.5638018
marital_2006						
2	-.1544693	.272023	-0.57	0.573	-.7023147	.3933762
3	-.2166322	.2489186	-0.87	0.389	-.7179457	.2846812
4	-.2311518	.237092	-0.97	0.335	-.7086462	.2463425
work_st_2006	-.337902	.1474921	-2.29	0.027	-.6349453	-.0408586
smoking_2006						
2	.3723958	.1437218	2.59	0.013	.082942	.6618496
3	.9559365	.2096357	4.56	0.000	.5337097	1.378163
physic_act_2006	-.122241	.0616662	-1.98	0.054	-.2464343	.0019523
2.srh_2006	.2264321	.1007302	2.25	0.030	.0235653	.4292988
bmibr_2006						
2	-.3679069	.1281711	-2.87	0.006	-.6260392	-.1097746
3	-.3909761	.172065	-2.27	0.028	-.7375076	-.0444447
cardiometcondbr_2006	.3705958	.0793692	4.67	0.000	.2107462	.5304454
cesd_2006	-.0440834	.0231972	-1.90	0.064	-.0908033	.0026366

Note: 5 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,330

Number of strata = **47** Population size = **20,605,845**
Number of PSUs = **94** Subpop. no. obs = **753**
Subpop. size = **1,643,919**
Average RVI = **0.0017**
Largest FMI = **0.0044**
Complete DF = **47**
DF adjustment: **Small sample** DF: min = **45.00**
avg = **45.09**
max = **45.12**
Model F test: **Equal FMI** F(**21**, **45.1**) = **25.33**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.4571243	.1020341	4.48	0.000	.2516218	.6626269
AGE2006	.076956	.0079164	9.72	0.000	.0610126	.0928995
SEX	-.110852	.1213729	-0.91	0.366	-.3552975	.1335935
NonWhite	0	(omitted)				
education						
2	-.4154054	.2726674	-1.52	0.135	-.9645459	.133735
3	-.3070927	.1174919	-2.61	0.012	-.543719	-.0704664
4	-.4905137	.1870192	-2.62	0.012	-.8671645	-.1138629
5	-.3463126	.1639721	-2.11	0.040	-.6765503	-.0160749
totwealth_2006						
2	.1243196	.1004393	1.24	0.222	-.0779738	.326613
3	-.3718967	.4844762	-0.77	0.447	-1.347615	.6038218
marital_2006						
2	-.0843083	.2751488	-0.31	0.761	-.6384528	.4698363
3	-.1588133	.2670159	-0.59	0.555	-.696573	.3789464
4	-.1746728	.2477755	-0.70	0.484	-.6736849	.3243393
work_st_2006	-.335518	.1504014	-2.23	0.031	-.6384206	-.0326155
smoking_2006						
2	.3690327	.137875	2.68	0.010	.0913547	.6467106
3	.943157	.2103213	4.48	0.000	.5195473	1.366767
physic_act_2006	-.1138671	.0605541	-1.88	0.067	-.235821	.0080867
2.srh_2006	.2178374	.0970546	2.24	0.030	.0223718	.413303
bmibr_2006						
2	-.3551613	.13432	-2.64	0.011	-.6256787	-.0846439
3	-.3745096	.1724365	-2.17	0.035	-.7217896	-.0272296
cardiometcondbr_2006	.3426803	.0817562	4.19	0.000	.1780227	.5073378
cesd_2006	-.0475063	.0242554	-1.96	0.056	-.0963574	.0013448

Note: 5 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,330**

Number of strata = **47** Population size = **20,605,845**
Number of PSUs = **94** Subpop. no. obs = **753**
Subpop. size = **1,643,919**
Average RVI = **0.0015**
Largest FMI = **0.0041**
Complete DF = **47**
DF adjustment: **Small sample** DF: min = **45.01**
avg = **45.10**
max = **45.12**
Model F test: **Equal FMI** F(**21**, **45.1**) = **28.24**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4239872	.1251094	3.39	0.001	.1720207	.6759537
AGE2006	.0754015	.008371	9.01	0.000	.0585426	.0922603
SEX	-.1733076	.1220958	-1.42	0.163	-.4192097	.0725945
NonWhite	0	(omitted)				
education						
2	-.3588564	.2561482	-1.40	0.168	-.8747279	.157015
3	-.2624492	.1200496	-2.19	0.034	-.5042254	-.0206731
4	-.4588177	.1928901	-2.38	0.022	-.8472921	-.0703432
5	-.3338185	.1638472	-2.04	0.048	-.663803	-.0038341
totwealth_2006						
2	.1323923	.1031557	1.28	0.206	-.0753679	.3401525
3	-.3751166	.4863499	-0.77	0.445	-1.354606	.6043733
marital_2006						
2	-.120458	.2631666	-0.46	0.649	-.6504672	.4095513
3	-.1451868	.2487565	-0.58	0.562	-.6461731	.3557995
4	-.1626773	.2419846	-0.67	0.505	-.6500257	.3246712
work_st_2006	-.3161027	.1512239	-2.09	0.042	-.6206616	-.0115438
smoking_2006						
2	.3452414	.1383858	2.49	0.016	.0665324	.6239504
3	.9127134	.21406	4.26	0.000	.4815777	1.343849
physic_act_2006	-.1123961	.0590597	-1.90	0.063	-.23134	.0065477
2.srh_2006	.2471819	.1047388	2.36	0.023	.0362422	.4581216
bmibr_2006						
2	-.329124	.1303205	-2.53	0.015	-.591585	-.066663
3	-.3458674	.1733079	-2.00	0.052	-.694902	.0031672
cardiometcondbr_2006	.3568174	.0762518	4.68	0.000	.2032449	.5103899
cesd_2006	-.0368373	.0234109	-1.57	0.123	-.0839877	.010313

Note: 5 strata omitted because they contain no subpopulation members.

```
290 .
291 . ***MODEL 3: MODEL 2 + ALCOHOL (SENSITIVITY ANALYSIS)****
292 .
293 .
294 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(NHB): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2006 w
> 006 alcohol_2006
  3.
295 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 5,826

Number of strata = 45 — Population size = 18,685,962
Number of PSUs = 90 — Subpop. no. obs = 732
Subpop. size = 1,600,490
Average RVI = 0.0018
Largest FMI = 0.0048
Complete DF = 45
DF adjustment: Small sample — DF: min = 42.99
avg = 43.10
max = 43.12
Model F test: Equal FMI — F(22, 43.1) = 36.18
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0847832	.0263834	-3.21	0.002	-.1379887	-.0315778
AGE2006	.0887411	.0080125	11.08	0.000	.0725835	.1048987
SEX	-.1483468	.1256414	-1.18	0.244	-.4017114	.1050179
NonWhite	0	(omitted)				
education						
2	-.4112142	.2946993	-1.40	0.170	-1.005482	.1830541
3	-.2755925	.1169569	-2.36	0.023	-.5114422	-.0397428
4	-.4855112	.2089678	-2.32	0.025	-.906901	-.0641214
5	-.3492094	.1728247	-2.02	0.050	-.697719	-.0006999
totwealth_2006						
2	.0646428	.1059728	0.61	0.545	-.1490631	.2783488
3	-.2928582	.5002316	-0.59	0.561	-1.301589	.715873
marital_2006						
2	-.1104068	.2695871	-0.41	0.684	-.6540396	.4332261
3	-.1575166	.246574	-0.64	0.526	-.6547403	.339707
4	-.1768985	.2405787	-0.74	0.466	-.6620333	.3082364
work_st_2006	-.3094342	.1533003	-2.02	0.050	-.6185686	-.0002998
smoking_2006						
2	.3416324	.1398669	2.44	0.019	.0595781	.6236867
3	.9545093	.1943396	4.91	0.000	.5625907	1.346428
physic_act_2006	-.1201724	.0642116	-1.87	0.068	-.2496572	.0093124
2.srh_2006	.3663842	.1042598	3.51	0.001	.1561411	.5766274
bmibr_2006						
2	-.350008	.1227257	-2.85	0.007	-.5974899	-.1025262
3	-.4054887	.1699488	-2.39	0.021	-.7481947	-.0627826
cardiometcondbr_2006	.3763046	.0847495	4.44	0.000	.2054008	.5472084
cesd_2006	.0080121	.0260966	0.31	0.760	-.0446169	.060641

alcohol_2006	.0205723	.0515715	0.40	0.692	-.083424	.1245686

Note: 7 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 5,826

Number of strata = 45 — Population size = 18,685,962
Number of PSUs = 90 — Subpop. no. obs = 732
Subpop. size = 1,600,490
Average RVI = 0.0015
Largest FMI = 0.0050
Complete DF = 45
DF adjustment: Small sample — DF: min = 42.99
avg = 43.10
max = 43.12
Model F test: Equal FMI — F(22, 43.1) = 27.61
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0968229	.0303265	3.19	0.003	.0356685	.1579773
AGE2006	.0711517	.0095261	7.47	0.000	.051942	.0903615
SEX	-.1175097	.1223156	-0.96	0.342	-.3641698	.1291504
NonWhite	0	(omitted)				
education						
2	-.4444615	.2860196	-1.55	0.128	-1.021227	.1323043
3	-.2840458	.1200516	-2.37	0.023	-.5261358	-.0419559
4	-.4116165	.2113087	-1.95	0.058	-.837727	.0144939
5	-.2886237	.1665524	-1.73	0.090	-.6244853	.047238
totwealth_2006						
2	.1030687	.1002143	1.03	0.309	-.0990306	.305168
3	-.2643358	.5243974	-0.50	0.617	-1.321799	.7931273
marital_2006						
2	-.1160053	.2517295	-0.46	0.647	-.6236267	.3916161
3	-.1005378	.2497091	-0.40	0.689	-.6040851	.4030096
4	-.1512501	.2333802	-0.65	0.520	-.6218676	.3193673
work_st_2006	-.3016611	.1527424	-1.97	0.055	-.6096701	.0063478
smoking_2006						
2	.3164416	.1397199	2.26	0.029	.0346905	.5981927
3	.9259621	.2148909	4.31	0.000	.4925891	1.359335
physic_act_2006	-.106726	.0632384	-1.69	0.099	-.2342483	.0207962
2.srh_2006	.2467307	.102616	2.40	0.021	.0398019	.4536594
bmibr_2006						
2	-.3241686	.1310389	-2.47	0.017	-.5884138	-.0599234
3	-.3419566	.1803096	-1.90	0.065	-.7055554	.0216423
cardiometcondbr_2006	.3449053	.0801623	4.30	0.000	.1832547	.5065559
cesd_2006	-.041964	.020764	-2.02	0.050	-.0838364	-.0000916
alcohol_2006	.0332552	.0569232	0.58	0.562	-.0815322	.1480427

Note: 7 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 5,826

Number of strata = 45 — Population size = 18,685,962
Number of PSUs = 90 — Subpop. no. obs = 732
Subpop. size = 1,600,490
Average RVI = 0.0022
Largest FMI = 0.0050
Complete DF = 45
DF adjustment: **Small sample** — DF: min = 42.98
avg = 43.10
max = 43.12
Model F test: **Equal FMI** — F(22, 43.1) = 30.87
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1064073	.0214851	4.95	0.000	.0630817	.1497329
AGE2006	.0678328	.0091192	7.44	0.000	.0494436	.0862221
SEX	-.1184182	.1242884	-0.95	0.346	-.3690562	.1322198
NonWhite	0	(omitted)				
education						
2	-.538831	.2849834	-1.89	0.065	-1.113507	.0358451
3	-.3419439	.1234016	-2.77	0.008	-.5907896	-.0930982
4	-.4455956	.2094366	-2.13	0.039	-.8679308	-.0232604
5	-.3196404	.1592262	-2.01	0.051	-.6407295	.0014486
totwealth_2006						
2	.1108308	.100887	1.10	0.278	-.0926256	.3142873
3	-.3244456	.5368789	-0.60	0.549	-1.407079	.7581874
marital_2006						
2	-.0307997	.2640385	-0.12	0.908	-.5632434	.5016441
3	-.0561484	.2621717	-0.21	0.831	-.5848263	.4725295
4	-.078056	.2463163	-0.32	0.753	-.5747598	.4186477
work_st_2006	-.2959595	.1527098	-1.94	0.059	-.6039029	.0119838
smoking_2006						
2	.3123815	.1409183	2.22	0.032	.0282137	.5965493
3	.9102264	.2257294	4.03	0.000	.454995	1.365458
physic_act_2006	-.0905304	.0629232	-1.44	0.157	-.2174171	.0363563
2.srh_2006	.2236343	.1032679	2.17	0.036	.0153906	.4318781
bmibr_2006						
2	-.3205803	.1351566	-2.37	0.022	-.5931294	-.0480312
3	-.3340482	.1794408	-1.86	0.069	-.6958952	.0277987
cardiometcondbr_2006	.3238944	.080202	4.04	0.000	.1621636	.4856252
cesd_2006	-.0441904	.0219677	-2.01	0.051	-.0884901	.0001094
alcohol_2006	.045258	.0573146	0.79	0.434	-.0703188	.1608349

Note: 7 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 5,826

Number of strata	= 45	Population size	= 18,685,962
Number of PSUs	= 90	Subpop. no. obs	= 732
		Subpop. size	= 1,600,490
		Average RVI	= 0.0023
		Largest FMI	= 0.0052
		Complete DF	= 45
DF adjustment:	Small sample	DF: min	= 42.98
		avg	= 43.10
		max	= 43.12
Model F test:	Equal FMI	F(22, 43.1)	= 34.32
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1692779	.0343372	4.93	0.000	.1000359	.2385199
AGE2006	.0672045	.0092427	7.27	0.000	.0485664	.0858427
SEX	-.1853847	.1230179	-1.51	0.139	-.4334609	.0626915
NonWhite	0	(omitted)				
education						
2	-.464647	.2819428	-1.65	0.107	-1.033192	.1038976
3	-.3249046	.1258775	-2.58	0.013	-.5787423	-.071067
4	-.4081667	.2116564	-1.93	0.060	-.8349782	.0186448
5	-.2981546	.1692839	-1.76	0.085	-.6395246	.0432154
totwealth_2006						
2	.1353873	.0989924	1.37	0.179	-.0642481	.3350227
3	-.3733167	.5286643	-0.71	0.484	-1.439384	.6927508
marital_2006						
2	-.0850072	.2551883	-0.33	0.741	-.5996034	.4295889
3	-.0575737	.252866	-0.23	0.821	-.5674871	.4523396
4	-.0910741	.2365834	-0.38	0.702	-.5681513	.3860031
work_st_2006	-.2738999	.1500792	-1.83	0.075	-.5765384	.0287387
smoking_2006						
2	.3163161	.1334224	2.37	0.022	.0472615	.5853708
3	.9084924	.214352	4.24	0.000	.4762034	1.340781
physic_act_2006	-.0909999	.0604873	-1.50	0.140	-.2129744	.0309747
2.srh_2006	.2516276	.1034915	2.43	0.019	.0429336	.4603217
bmibr_2006						
2	-.2874902	.1318973	-2.18	0.035	-.5534663	-.0215142
3	-.2533066	.18655	-1.36	0.182	-.6294894	.1228762
cardiometcondbr_2006	.333233	.0776462	4.29	0.000	.1766552	.4898108
cesd_2006	-.0420473	.0215512	-1.95	0.058	-.0855074	.0014128
alcohol_2006	.0348807	.0568504	0.61	0.543	-.0797601	.1495214

Note: 7 strata omitted because they contain no subpopulation members.

```
296 .
297 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(NHB): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2006 w
> 006 alcohol_2006
  3.
298 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 5,826

Number of strata = 45 — Population size = 18,685,962
Number of PSUs = 90 — Subpop. no. obs = 732
Subpop. size = 1,600,490
Average RVI = 0.0017
Largest FMI = 0.0051
Complete DF = 45
DF adjustment: Small sample — DF: min = 42.98
avg = 43.10
max = 43.12
Model F test: Equal FMI — F(22, 43.1) = 29.90
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.2170621	.0723113	-3.00	0.004	-.3628883	-.0712359
AGE2006	.0889093	.0082786	10.74	0.000	.0722152	.1056034
SEX	-.157799	.1240639	-1.27	0.210	-.4079828	.0923848
NonWhite	0	(omitted)				
education						
2	-.4083111	.292675	-1.40	0.170	-.9984973	.1818752
3	-.2843767	.1165911	-2.44	0.019	-.5194881	-.0492653
4	-.4849236	.2100953	-2.31	0.026	-.9085871	-.06126
5	-.3641953	.1729131	-2.11	0.041	-.7128825	-.0155081
totwealth_2006						
2	.0709334	.1070343	0.66	0.511	-.1449123	.2867791
3	-.2648693	.5061961	-0.52	0.603	-1.285628	.755889
marital_2006						
2	-.1622138	.2635708	-0.62	0.541	-.6937135	.3692858
3	-.2027855	.244474	-0.83	0.411	-.695775	.290204
4	-.2363006	.236501	-1.00	0.323	-.7132117	.2406106
work_st_2006	-.3034805	.1512737	-2.01	0.051	-.608528	.001567
smoking_2006						
2	.3277952	.143038	2.29	0.027	.0393453	.6162451
3	.9386872	.2014139	4.66	0.000	.5325025	1.344872
physic_act_2006	-.1214163	.0645238	-1.88	0.067	-.2515307	.0086981
2.srh_2006	.3552555	.1070704	3.32	0.002	.1393448	.5711662
bmibr_2006						
2	-.3524982	.1234544	-2.86	0.007	-.6014488	-.1035475
3	-.4003037	.1705609	-2.35	0.024	-.744244	-.0563635
cardiometcondbr_2006	.37252	.0861363	4.32	0.000	.19882	.54622
cesd_2006	-.0003647	.0242399	-0.02	0.988	-.0492496	.0485203
alcohol_2006	.0251292	.0515568	0.49	0.628	-.0788372	.1290957

Note: 7 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 5,826

Number of strata = 45 — Population size = 18,685,962
Number of PSUs = 90 — Subpop. no. obs = 732
Subpop. size = 1,600,490
Average RVI = 0.0017
Largest FMI = 0.0044
Complete DF = 45
DF adjustment: Small sample — DF: min = 43.01
avg = 43.10
max = 43.12
Model F test: Equal FMI — F(22, 43.1) = 32.29
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.3575234	.183741	1.95	0.058	-.0129954	.7280421
AGE2006	.0783815	.0092476	8.48	0.000	.0597334	.0970296
SEX	-.1464377	.123276	-1.19	0.241	-.3950332	.1021578
NonWhite	0	(omitted)				
education						
2	-.3932463	.2917499	-1.35	0.185	-.9815673	.1950747
3	-.2904061	.1249235	-2.32	0.025	-.5423191	-.038493
4	-.4403375	.2100867	-2.10	0.042	-.863984	-.0166909
5	-.3285039	.1796287	-1.83	0.074	-.6907329	.0337251
totwealth_2006						
2	.0582448	.1025153	0.57	0.573	-.1484902	.2649799
3	-.4018493	.4714	-0.85	0.399	-1.352442	.548743
marital_2006						
2	-.0968635	.2735867	-0.35	0.725	-.6485603	.4548332
3	-.100498	.2553686	-0.39	0.696	-.6154569	.4144608
4	-.1672303	.23967	-0.70	0.489	-.6505319	.3160714
work_st_2006	-.3171217	.1555104	-2.04	0.048	-.6307126	-.0035309
smoking_2006						
2	.3289197	.1402594	2.35	0.024	.0460766	.6117628
3	.9201092	.2196201	4.19	0.000	.477207	1.363011
physic_act_2006	-.1049259	.0630683	-1.66	0.103	-.232105	.0222532
2.srh_2006	.2556656	.1034808	2.47	0.018	.0469934	.4643379
bmibr_2006						
2	-.3365559	.1326368	-2.54	0.015	-.6040223	-.0690894
3	-.3847788	.1758578	-2.19	0.034	-.7394004	-.0301573
cardiometcondbr_2006	.3650746	.0821044	4.45	0.000	.1995059	.5306434
cesd_2006	-.0348879	.0209922	-1.66	0.104	-.0772208	.007445
alcohol_2006	.0382349	.0537394	0.71	0.481	-.0701324	.1466021

Note: 7 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 5,826

Number of strata = 45
Number of PSUs = 90
DF adjustment: **Small sample**
Model F test: **Equal FMI**
Within VCE type: **Linearized**

Population size = 18,685,962
Subpop. no. obs = 732
Subpop. size = 1,600,490
Average RVI = 0.0018
Largest FMI = 0.0046
Complete DF = 45
DF: min = 43.01
avg = 43.10
max = 43.12
F(22, 43.1) = 27.38
Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.5060803	.0997618	5.07	0.000	.3048981	.7072624
AGE2006	.0759266	.0084576	8.98	0.000	.0588716	.0929816
SEX	-.1138267	.123693	-0.92	0.363	-.3632622	.1356087
NonWhite	0	(omitted)				
education						
2	-.5030201	.2906601	-1.73	0.091	-1.089143	.0831032
3	-.3611313	.1180229	-3.06	0.004	-.5991307	-.1231319
4	-.4643546	.2039879	-2.28	0.028	-.8757024	-.0530068
5	-.3538546	.1660275	-2.13	0.039	-.6886581	-.0190511
totwealth_2006						
2	.0728236	.1008229	0.72	0.474	-.1305005	.2761477
3	-.4037665	.4870366	-0.83	0.412	-1.385892	.5783588
marital_2006						
2	-.0050615	.2743261	-0.02	0.985	-.5582529	.5481299
3	-.0244497	.2689369	-0.09	0.928	-.5667685	.5178692
4	-.0914151	.2491782	-0.37	0.716	-.5938921	.4110619
work_st_2006	-.3138363	.1590974	-1.97	0.055	-.6346605	.0069878
smoking_2006						
2	.319628	.1349157	2.37	0.022	.047561	.591695
3	.8935182	.2225177	4.02	0.000	.4447704	1.342266
physic_act_2006	-.0970042	.061295	-1.58	0.121	-.2206079	.0265994
2.srh_2006	.2453279	.0997995	2.46	0.018	.0440778	.446578
bmibr_2006						
2	-.3193542	.1396	-2.29	0.027	-.6008639	-.0378444
3	-.3638758	.1753548	-2.08	0.044	-.7174834	-.0102683
cardiometcondbr_2006	.3365497	.0855672	3.93	0.000	.1639978	.5091016
cesd_2006	-.0378316	.0219834	-1.72	0.092	-.0821633	.0065001
alcohol_2006	.0532334	.052434	1.02	0.316	-.0525018	.1589685

Note: 7 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates
Survey: Cox regression

Imputations = 5
Number of obs = 5,826

Number of strata	= 45	Population size	= 18,685,962
Number of PSUs	= 90	Subpop. no. obs	= 732
		Subpop. size	= 1,600,490
		Average RVI	= 0.0016
		Largest FMI	= 0.0042
		Complete DF	= 45
DF adjustment:	Small sample	DF: min	= 43.02
		avg	= 43.11
		max	= 43.12
Model F test:	Equal FMI	F(22, 43.1)	= 28.31
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4029718	.1291173	3.12	0.003	.1426021	.6633416
AGE2006	.0760734	.0087423	8.70	0.000	.0584443	.0937026
SEX	-.1724266	.1262494	-1.37	0.179	-.4270177	.0821646
NonWhite	0	(omitted)				
education						
2	-.4198862	.2761429	-1.52	0.136	-.9767352	.1369628
3	-.3052369	.1219789	-2.50	0.016	-.5512119	-.0592619
4	-.4333875	.2097263	-2.07	0.045	-.856307	-.0104679
5	-.34041	.1683761	-2.02	0.049	-.6799476	-.0008724
totwealth_2006						
2	.0774772	.1018916	0.76	0.451	-.1279986	.2829531
3	-.3895977	.495055	-0.79	0.436	-1.38789	.6086948
marital_2006						
2	-.0676165	.2656421	-0.25	0.800	-.6032929	.4680598
3	-.0620952	.2554189	-0.24	0.809	-.5771548	.4529644
4	-.1068141	.2461658	-0.43	0.667	-.6032151	.389587
work_st_2006	-.2981944	.1579694	-1.89	0.066	-.6167437	.020355
smoking_2006						
2	.3100262	.1386826	2.24	0.031	.0303611	.5896912
3	.8825816	.2232774	3.95	0.000	.4323064	1.332857
physic_act_2006	-.1024402	.0606699	-1.69	0.099	-.2247828	.0199024
2.srh_2006	.2776273	.1078276	2.57	0.014	.06019	.4950646
bmibr_2006						
2	-.3089454	.1347921	-2.29	0.027	-.5807578	-.037133
3	-.3478283	.1761727	-1.97	0.055	-.7030848	.0074283
cardiometcondbr_2006	.3453187	.0826662	4.18	0.000	.1786163	.5120212
cesd_2006	-.0293235	.0218046	-1.34	0.186	-.0732947	.0146477
alcohol_2006	.0453291	.05455	0.83	0.411	-.0646727	.1553309

Note: 7 strata omitted because they contain no subpopulation members.

```
299 .
300 .
301 . ****************HISP************************
302 .
303 .
304 .
305 . ***MODEL 1****
306 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
      2. mi estimate: svy, subpop(HISP): stcox `x' AGE2006 SEX NonWhite
      3.
307 . }
```

```
Multiple-imputation estimates                Imputations       =          5
Survey: Cox regression                       Number of obs     =      5,610

Number of strata  =        40                Population size   =  18,290,584
Number of PSUs    =        80                Subpop. no. obs   =        460
                                             Subpop. size      =  1,283,177
                                             Average RVI       =     0.0000
                                             Largest FMI       =     0.0000
                                             Complete DF       =         40
DF adjustment:   Small sample                DF:     min       =      38.14
                                                     avg       =      38.14
                                                     max       =      38.14
Model F test:       Equal FMI                F(   3,   38.1)   =      17.78
Within VCE type:   Linearized                Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	.0175749	.0283948	0.62	0.540	-.0399004	.0750503
AGE2006	.087613	.0120654	7.26	0.000	.0631909	.1120352
SEX	-.3563754	.1160561	-3.07	0.004	-.5912905	-.1214603
NonWhite	0	(omitted)				

Note: 12 strata omitted because they contain no subpopulation members.

```
Multiple-imputation estimates                Imputations       =          5
Survey: Cox regression                       Number of obs     =      5,610

Number of strata  =        40                Population size   =  18,290,584
Number of PSUs    =        80                Subpop. no. obs   =        460
                                             Subpop. size      =  1,283,177
                                             Average RVI       =     0.0000
                                             Largest FMI       =     0.0000
                                             Complete DF       =         40
DF adjustment:   Small sample                DF:     min       =      38.14
                                                     avg       =      38.14
                                                     max       =      38.14
Model F test:       Equal FMI                F(   3,   38.1)   =      19.62
Within VCE type:   Linearized                Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0658745	.023124	2.85	0.007	.019068	.1126809
AGE2006	.0727751	.0125472	5.80	0.000	.0473777	.0981725
SEX	-.3460663	.1137022	-3.04	0.004	-.5762166	-.1159159
NonWhite	0	(omitted)				

Note: 12 strata omitted because they contain no subpopulation members.

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      5,610

Number of strata  =        40                 Population size   =  18,290,584
Number of PSUs    =        80                 Subpop. no. obs   =        460
                                              Subpop. size      =  1,283,177
                                              Average RVI       =     0.0000
                                              Largest FMI       =     0.0000
                                              Complete DF       =         40
DF adjustment:   Small sample                 DF:     min       =      38.14
                                                      avg       =      38.14
                                                      max       =      38.14
Model F test:       Equal FMI                 F(   3,   38.1)   =      28.44
Within VCE type:   Linearized                 Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.0782126	.0208486	3.75	0.001	.0360119	.1204133
AGE2006	.0692627	.0140042	4.95	0.000	.0409162	.0976092
SEX	-.410928	.1119778	-3.67	0.001	-.6375879	-.184268
NonWhite	0	(omitted)				

Note: 12 strata omitted because they contain no subpopulation members.

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      5,610

Number of strata  =        40                 Population size   =  18,290,584
Number of PSUs    =        80                 Subpop. no. obs   =        460
                                              Subpop. size      =  1,283,177
                                              Average RVI       =     0.0000
                                              Largest FMI       =     0.0000
                                              Complete DF       =         40
DF adjustment:   Small sample                 DF:     min       =      38.14
                                                      avg       =      38.14
                                                      max       =      38.14
Model F test:       Equal FMI                 F(   3,   38.1)   =      36.18
Within VCE type:   Linearized                 Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1208762	.024809	4.87	0.000	.070659	.1710934
AGE2006	.0673368	.0131778	5.11	0.000	.040663	.0940106
SEX	-.4162511	.1157564	-3.60	0.001	-.6505595	-.1819426
NonWhite	0	(omitted)				

Note: 12 strata omitted because they contain no subpopulation members.

```
308 .
```

```
309 .
310 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(HISP): stcox `x' AGE2006 SEX NonWhite
      3.
311 . }
```

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      5,610

Number of strata  =        40                 Population size   =  18,290,584
Number of PSUs    =        80                 Subpop. no. obs   =        460
                                              Subpop. size      =  1,283,177
                                              Average RVI       =     0.0000
                                              Largest FMI       =     0.0000
                                              Complete DF       =         40
DF adjustment:   Small sample                 DF:     min       =      38.14
                                                      avg       =      38.14
                                                      max       =      38.14
Model F test:       Equal FMI                 F(   3,   38.1)   =      18.08
Within VCE type:   Linearized                 Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	.0435192	.0903919	0.48	0.633	-.1394476	.226486
AGE2006	.0873777	.0120543	7.25	0.000	.062978	.1117773
SEX	-.3530779	.1117836	-3.16	0.003	-.5793448	-.126811
NonWhite	0	(omitted)				

Note: 12 strata omitted because they contain no subpopulation members.

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      5,610

Number of strata  =        40                 Population size   =  18,290,584
Number of PSUs    =        80                 Subpop. no. obs   =        460
                                              Subpop. size      =  1,283,177
                                              Average RVI       =     0.0000
                                              Largest FMI       =     0.0000
                                              Complete DF       =         40
DF adjustment:   Small sample                 DF:     min       =      38.14
                                                      avg       =      38.14
                                                      max       =      38.14
Model F test:       Equal FMI                 F(   3,   38.1)   =      19.44
Within VCE type:   Linearized                 Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.4334547	.1152325	3.76	0.001	.2002067	.6667027
AGE2006	.0728394	.0117144	6.22	0.000	.0491277	.0965511
SEX	-.359581	.1146424	-3.14	0.003	-.5916346	-.1275274
NonWhite	0	(omitted)				

Note: 12 strata omitted because they contain no subpopulation members.

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      5,610
```

```
Number of strata  =        40                 Population size   =  18,290,584
Number of PSUs    =        80                 Subpop. no. obs   =         460
                                              Subpop. size      =   1,283,177
                                              Average RVI       =      0.0000
                                              Largest FMI       =      0.0000
                                              Complete DF       =          40
DF adjustment:   Small sample                 DF:     min       =       38.14
                                                      avg       =       38.14
                                                      max       =       38.14
Model F test:       Equal FMI                 F(   3,   38.1)   =       21.02
Within VCE type:   Linearized                 Prob > F          =      0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.5719002	.2053706	2.78	0.008	.1561991	.9876013
AGE2006	.0757455	.0132263	5.73	0.000	.0489736	.1025175
SEX	-.3733213	.1186258	-3.15	0.003	-.6134379	-.1332047
NonWhite	0	(omitted)				

Note: 12 strata omitted because they contain no subpopulation members.

```
Multiple-imputation estimates                 Imputations       =           5
Survey: Cox regression                        Number of obs     =       5,610

Number of strata  =        40                 Population size   =  18,290,584
Number of PSUs    =        80                 Subpop. no. obs   =         460
                                              Subpop. size      =   1,283,177
                                              Average RVI       =      0.0000
                                              Largest FMI       =      0.0000
                                              Complete DF       =          40
DF adjustment:   Small sample                 DF:     min       =       38.14
                                                      avg       =       38.14
                                                      max       =       38.14
Model F test:       Equal FMI                 F(   3,   38.1)   =       18.21
Within VCE type:   Linearized                 Prob > F          =      0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.5668213	.156772	3.62	0.001	.249491	.8841516
AGE2006	.0684502	.0117504	5.83	0.000	.0446656	.0922348
SEX	-.391024	.1215479	-3.22	0.003	-.6370552	-.1449928
NonWhite	0	(omitted)				

Note: 12 strata omitted because they contain no subpopulation members.

```
312 .
313 . ***MODEL 2****
314 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(HISP): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2006
> 2006
  3.
```

```
315 . }

Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      5,561

Number of strata  =        40                 Population size   =  18,168,593
Number of PSUs    =        80                 Subpop. no. obs   =        411
                                              Subpop. size      =  1,161,186
                                              Average RVI       =     0.0591
                                              Largest FMI       =     0.0807
                                              Complete DF       =         40
DF adjustment:   Small sample                 DF:     min       =      33.76
                                                      avg       =      37.90
                                                      max       =      38.14
Model F test:       Equal FMI                 F(  21,   37.8)   =      71.00
Within VCE type:   Linearized                 Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0118092	.0362626	-0.33	0.746	-.085212	.0615936
AGE2006	.0983124	.0153759	6.39	0.000	.0671889	.1294359
SEX	-.3085713	.1525682	-2.02	0.050	-.617395	.0002523
NonWhite	0	(omitted)				
education						
2	-.7326373	.3409109	-2.15	0.038	-1.42271	-.0425651
3	-.0286729	.1570471	-0.18	0.856	-.3465658	.2892201
4	-.1946781	.2486288	-0.78	0.438	-.6979414	.3085852
5	.5822137	.2690393	2.16	0.037	.0376269	1.126801
totwealth_2006						
2	-.2367112	.1514784	-1.56	0.126	-.5433337	.0699112
5	.8970171	.2026904	4.43	0.000	.4867405	1.307294
marital_2006						
2	-.3665083	.3874232	-0.95	0.350	-1.150712	.4176954
3	-.456854	.4978726	-0.92	0.365	-1.464628	.5509198
4	-.4441355	.4588773	-0.97	0.339	-1.372987	.4847164
work_st_2006	.8731573	.2165561	4.03	0.000	.434813	1.311502
smoking_2006						
2	.1550259	.1559997	0.99	0.327	-.1607507	.4708026
3	.3918141	.2832578	1.38	0.176	-.1839848	.967613
physic_act_2006	-.123921	.0695447	-1.78	0.083	-.2646943	.0168523
2.srh_2006	.2518519	.1443092	1.75	0.089	-.0402802	.5439839
bmibr_2006						
2	-.1457129	.1379501	-1.06	0.297	-.4249478	.1335221
3	.2280363	.2342399	0.97	0.336	-.2461041	.7021766
cardiometcondbr_2006	.2970223	.1207594	2.46	0.019	.0525859	.5414587
cesd_2006	-.0138937	.0346284	-0.40	0.691	-.0840023	.0562149

```
Note: 12 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      5,561
```

Number of strata	= 40	Population size	= 18,168,593
Number of PSUs	= 80	Subpop. no. obs	= 411
		Subpop. size	= 1,161,186
		Average RVI	= 0.0523
		Largest FMI	= 0.0803
		Complete DF	= 40
DF adjustment:	Small sample	DF: min	= 33.79
		avg	= 37.90
		max	= 38.14
Model F test:	Equal FMI	F(21, 37.9)	= 59.81
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0762087	.016723	4.56	0.000	.0423561	.1100613
AGE2006	.0820324	.0159515	5.14	0.000	.0497435	.1143214
SEX	-.3614803	.158989	-2.27	0.029	-.6833018	-.0396589
NonWhite	0	(omitted)				
education						
2	-.7079525	.3554107	-1.99	0.054	-1.427378	.0114726
3	.022212	.1602818	0.14	0.891	-.3022292	.3466533
4	-.1261197	.2472461	-0.51	0.613	-.626585	.3743456
5	.6398224	.2822854	2.27	0.029	.068423	1.211222
totwealth_2006						
2	-.1983733	.1585274	-1.25	0.218	-.5192653	.1225187
5	.9810956	.1927027	5.09	0.000	.5910346	1.371157
marital_2006						
2	-.3715296	.3802609	-0.98	0.335	-1.141236	.3981762
3	-.4473844	.4897232	-0.91	0.367	-1.438665	.5438958
4	-.4400779	.4578848	-0.96	0.343	-1.366921	.4867653
work_st_2006	.8866343	.2163425	4.10	0.000	.4487232	1.324545
smoking_2006						
2	.1676318	.1493387	1.12	0.269	-.1346606	.4699242
3	.3447803	.2842728	1.21	0.234	-.2330648	.9226253
physic_act_2006	-.1274238	.0700619	-1.82	0.077	-.2692434	.0143958
2.srh_2006	.2334377	.153149	1.52	0.136	-.0765828	.5434582
bmibr_2006						
2	-.1429224	.1465359	-0.98	0.336	-.4395362	.1536914
3	.2373506	.2298636	1.03	0.308	-.2279315	.7026326
cardiometcondbr_2006	.2710046	.1280985	2.12	0.041	.011712	.5302972
cesd_2006	-.020955	.0310584	-0.67	0.504	-.0838341	.041924

Note: 12 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 5,561

Number of strata = **40** Population size = **18,168,593**
Number of PSUs = **80** Subpop. no. obs = **411**
Subpop. size = **1,161,186**
Average RVI = **0.0591**
Largest FMI = **0.0827**
Complete DF = **40**
DF adjustment: **Small sample** DF: min = **33.63**
avg = **37.89**
max = **38.14**
Model F test: **Equal FMI** F(**21**, **37.8**) = **50.96**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.0271976	.0252443	1.08	0.288	-.023901	.0782962
AGE2006	.0925361	.016104	5.75	0.000	.0599388	.1251335
SEX	-.3339081	.1485511	-2.25	0.030	-.6346007	-.0332156
NonWhite	0	(omitted)				
education						
2	-.7028809	.3429249	-2.05	0.047	-1.397031	-.0087308
3	.0109228	.1656219	0.07	0.948	-.3243263	.3461719
4	-.1464271	.2509439	-0.58	0.563	-.6543769	.3615227
5	.6321788	.2742958	2.30	0.027	.0769517	1.187406
totwealth_2006						
2	-.2214534	.1543662	-1.43	0.160	-.5339226	.0910158
5	.9189536	.1904028	4.83	0.000	.5335488	1.304359
marital_2006						
2	-.3850908	.3810443	-1.01	0.319	-1.156382	.3862009
3	-.4702259	.4964072	-0.95	0.349	-1.475035	.5345827
4	-.4593827	.4577923	-1.00	0.322	-1.38604	.4672749
work_st_2006	.8727567	.2081995	4.19	0.000	.4513274	1.294186
smoking_2006						
2	.1768379	.1579066	1.12	0.270	-.1427999	.4964757
3	.3913472	.2830526	1.38	0.176	-.1841212	.9668156
physic_act_2006	-.123174	.0695975	-1.77	0.085	-.2640537	.0177057
2.srh_2006	.2304093	.14895	1.55	0.130	-.0711212	.5319399
bmibr_2006						
2	-.1390287	.1446084	-0.96	0.342	-.4317411	.1536837
3	.2299245	.2331571	0.99	0.330	-.2420247	.7018736
cardiometcondbr_2006	.2827943	.1239809	2.28	0.028	.0318363	.5337523
cesd_2006	-.0186103	.0308676	-0.60	0.550	-.0811049	.0438843

Note: 12 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **5,561**

Number of strata	= 40	Population size	= 18,168,593
Number of PSUs	= 80	Subpop. no. obs	= 411
		Subpop. size	= 1,161,186
		Average RVI	= 0.0616
		Largest FMI	= 0.0814
		Complete DF	= 40
DF adjustment:	Small sample	DF: min	= 33.71
		avg	= 37.89
		max	= 38.14
Model F test:	Equal FMI	F(21, 37.8)	= 62.96
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.0604634	.0272229	2.22	0.032	.005357	.1155698
AGE2006	.0890297	.0166989	5.33	0.000	.0552279	.1228315
SEX	-.3592444	.1570005	-2.29	0.028	-.6770404	-.0414484
NonWhite	0	(omitted)				
education						
2	-.67591	.3511829	-1.92	0.062	-1.386779	.0349596
3	.0283042	.1661927	0.17	0.866	-.3081004	.3647087
4	-.1173887	.2466688	-0.48	0.637	-.616686	.3819086
5	.6426504	.2864434	2.24	0.031	.062837	1.222464
totwealth_2006						
2	-.2082813	.1540183	-1.35	0.184	-.5200471	.1034845
5	.8912689	.1958379	4.55	0.000	.4948622	1.287675
marital_2006						
2	-.3640538	.3753205	-0.97	0.338	-1.12376	.3956522
3	-.4493812	.4853678	-0.93	0.360	-1.431845	.5330828
4	-.4318765	.4557033	-0.95	0.349	-1.354306	.4905533
work_st_2006	.8672396	.210357	4.12	0.000	.4414433	1.293036
smoking_2006						
2	.1788034	.156436	1.14	0.260	-.1378579	.4954648
3	.3702121	.2860655	1.29	0.204	-.2113253	.9517495
physic_act_2006	-.1236031	.069904	-1.77	0.085	-.2651027	.0178966
2.srh_2006	.2514998	.1487548	1.69	0.099	-.0496335	.552633
bmibr_2006						
2	-.1329627	.1447206	-0.92	0.364	-.425902	.1599766
3	.2519614	.2303107	1.09	0.281	-.2142258	.7181486
cardiometcondbr_2006	.2743679	.127908	2.15	0.038	.0154604	.5332754
cesd_2006	-.0188329	.0308101	-0.61	0.545	-.0812102	.0435445

Note: 12 strata omitted because they contain no subpopulation members.

```
316 .
317 .
318 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(HISP): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2006
> 2006
  3.
319 . }
```

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **5,561**

Number of strata = **40** — Population size = **18,168,593**
Number of PSUs = **80** — Subpop. no. obs = **411**
Subpop. size = **1,161,186**
Average RVI = **0.0630**
Largest FMI = **0.0824**
Complete DF = **40**
DF adjustment: **Small sample** — DF: min = **33.65**
avg = **37.89**
max = **38.14**
Model F test: **Equal FMI** — F(**21**, **37.8**) = **58.77**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0285378	.1112055	-0.26	0.799	-.2536468	.1965711
AGE2006	.0985156	.0152261	6.47	0.000	.0676955	.1293358
SEX	-.3086371	.1488581	-2.07	0.045	-.6099513	-.0073229
NonWhite	0	(omitted)				
education						
2	-.7331576	.3422335	-2.14	0.039	-1.425906	-.0404097
3	-.03292	.1610764	-0.20	0.839	-.3589689	.2931288
4	-.1967308	.2473526	-0.80	0.431	-.6974109	.3039492
5	.5831883	.2661071	2.19	0.035	.0445375	1.121839
totwealth_2006						
2	-.2366366	.1511719	-1.57	0.126	-.5426382	.0693649
5	.8923542	.2080422	4.29	0.000	.471244	1.313464
marital_2006						
2	-.3700925	.3859435	-0.96	0.344	-1.151301	.4111164
3	-.463374	.4959847	-0.93	0.356	-1.467325	.5405775
4	-.4488475	.459959	-0.98	0.335	-1.379887	.4821922
work_st_2006	.8738988	.2169638	4.03	0.000	.4347295	1.313068
smoking_2006						
2	.1548412	.1559775	0.99	0.327	-.1608905	.4705728
3	.3947586	.2816952	1.40	0.170	-.1779366	.9674537
physic_act_2006	-.1243104	.0692536	-1.80	0.081	-.2644941	.0158734
2.srh_2006	.2492526	.1445923	1.72	0.093	-.0434508	.541956
bmibr_2006						
2	-.1433566	.139793	-1.03	0.312	-.4263216	.1396084
3	.2300282	.2346335	0.98	0.333	-.2449088	.7049651
cardiometcondbr_2006	.2978465	.1203663	2.47	0.018	.0542059	.5414872
cesd_2006	-.0150008	.0343928	-0.44	0.665	-.084635	.0546335

Note: 12 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 5,561

Number of strata = 40 — Population size = 18,168,593
Number of PSUs = 80 — Subpop. no. obs = 411
Subpop. size = 1,161,186
Average RVI = 0.0491
Largest FMI = 0.0773
Complete DF = 40
DF adjustment: Small sample — DF: min = 34.00
avg = 37.91
max = 38.14
Model F test: Equal FMI — F(21, 37.9) = 54.50
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.1301779	.0943124	1.38	0.176	-.06073	.3210858
AGE2006	.0948305	.0148677	6.38	0.000	.0647357	.1249253
SEX	-.3205703	.1507994	-2.13	0.040	-.6258138	-.0153268
NonWhite	0	(omitted)				
education						
2	-.7330443	.3386493	-2.16	0.037	-1.418538	-.047551
3	-.0252525	.162208	-0.16	0.877	-.353593	.3030879
4	-.1848604	.2499234	-0.74	0.464	-.6907449	.3210241
5	.585005	.2751444	2.13	0.040	.0280602	1.14195
totwealth_2006						
2	-.238427	.1523799	-1.56	0.126	-.5468742	.0700202
5	.8950411	.1965349	4.55	0.000	.4972233	1.292859
marital_2006						
2	-.3780365	.3741527	-1.01	0.319	-1.135379	.3793056
3	-.473362	.4927333	-0.96	0.343	-1.470734	.5240097
4	-.4619377	.449807	-1.03	0.311	-1.372431	.4485561
work_st_2006	.8740646	.213665	4.09	0.000	.4415729	1.306556
smoking_2006						
2	.1556808	.1539203	1.01	0.318	-.1558856	.4672471
3	.3907002	.2793354	1.40	0.171	-.1769779	.9583783
physic_act_2006	-.1242546	.0696107	-1.78	0.082	-.2651607	.0166515
2.srh_2006	.253899	.1451938	1.75	0.088	-.0400267	.5478248
bmibr_2006						
2	-.1349697	.1432269	-0.94	0.352	-.4248854	.1549459
3	.2349384	.2363245	0.99	0.326	-.2434216	.7132985
cardiometcondbr_2006	.2946674	.1231014	2.39	0.022	.0454908	.543844
cesd_2006	-.0204168	.030146	-0.68	0.502	-.0814503	.0406166

Note: 12 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 5,561

Number of strata	= 40	Population size	= 18,168,593
Number of PSUs	= 80	Subpop. no. obs	= 411
		Subpop. size	= 1,161,186
		Average RVI	= 0.0432
		Largest FMI	= 0.0778
		Complete DF	= 40
DF adjustment:	Small sample	DF: min	= 33.96
		avg	= 37.91
		max	= 38.14
Model F test:	Equal FMI	F(21, 37.9)	= 56.65
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.2890973	.2013583	1.44	0.159	-.1184853	.69668
AGE2006	.0942146	.0156225	6.03	0.000	.0625919	.1258374
SEX	-.3301179	.1520141	-2.17	0.036	-.6378202	-.0224157
NonWhite	0	(omitted)				
education						
2	-.7437794	.3318648	-2.24	0.031	-1.415537	-.0720214
3	-.0121359	.1626627	-0.07	0.941	-.3413973	.3171256
4	-.1751906	.2452042	-0.71	0.479	-.6715228	.3211416
5	.5849816	.283525	2.06	0.046	.0110733	1.15889
totwealth_2006						
2	-.2295366	.15371	-1.49	0.144	-.540676	.0816029
5	.8827996	.2004429	4.40	0.000	.4770718	1.288527
marital_2006						
2	-.3891849	.3667159	-1.06	0.295	-1.131474	.3531039
3	-.4574901	.4862579	-0.94	0.353	-1.441755	.526775
4	-.4716581	.4467389	-1.06	0.298	-1.37594	.4326239
work_st_2006	.8691887	.2187456	3.97	0.000	.4264126	1.311965
smoking_2006						
2	.1834122	.1488898	1.23	0.226	-.117974	.4847985
3	.3906885	.2776758	1.41	0.169	-.1736383	.9550153
physic_act_2006	-.1227551	.0696516	-1.76	0.086	-.2637438	.0182335
2.srh_2006	.2351426	.1443857	1.63	0.112	-.0571463	.5274315
bmibr_2006						
2	-.1544911	.1506172	-1.03	0.311	-.4593662	.1503839
3	.2137393	.2371762	0.90	0.373	-.266345	.6938236
cardiometcondbr_2006	.2954974	.1275353	2.32	0.026	.0373454	.5536493
cesd_2006	-.0188576	.0299822	-0.63	0.533	-.0795599	.0418447

Note: 12 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 5,561

Number of strata	= 40	Population size	= 18,168,593
Number of PSUs	= 80	Subpop. no. obs	= 411
		Subpop. size	= 1,161,186
		Average RVI	= 0.0506
		Largest FMI	= 0.0752
		Complete DF	= 40
DF adjustment:	Small sample	DF: min	= 34.14
		avg	= 37.92
		max	= 38.14
Model F test:	Equal FMI	F(21, 37.9)	= 56.92
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.3148044	.1620046	1.94	0.059	-.0131214	.6427301
AGE2006	.0900199	.0157355	5.72	0.000	.0581685	.1218713
SEX	-.3243335	.1544297	-2.10	0.042	-.6369255	-.0117414
NonWhite	0	(omitted)				
education						
2	-.7295282	.3365145	-2.17	0.036	-1.4107	-.0483565
3	-.0088252	.1608009	-0.05	0.957	-.3343181	.3166676
4	-.1568969	.2463194	-0.64	0.528	-.6554866	.3416928
5	.5854995	.2800847	2.09	0.043	.0185558	1.152443
totwealth_2006						
2	-.247523	.147828	-1.67	0.102	-.5467568	.0517107
5	.8692665	.1966145	4.42	0.000	.4712876	1.267245
marital_2006						
2	-.3677176	.3656941	-1.01	0.321	-1.107938	.372503
3	-.4705082	.4781203	-0.98	0.331	-1.438301	.4972846
4	-.4880049	.4417013	-1.10	0.276	-1.38209	.4060798
work_st_2006	.8640217	.2159693	4.00	0.000	.4268653	1.301178
smoking_2006						
2	.1812084	.1559784	1.16	0.253	-.1345273	.496944
3	.4028698	.2779731	1.45	0.156	-.1619555	.9676951
physic_act_2006	-.1225496	.0696591	-1.76	0.087	-.2635529	.0184537
2.srh_2006	.2740567	.1421389	1.93	0.061	-.0136916	.5618049
bmibr_2006						
2	-.1260811	.1450876	-0.87	0.390	-.4197634	.1676012
3	.2415036	.2378669	1.02	0.316	-.2399788	.7229861
cardiometcondbr_2006	.2859917	.1273414	2.25	0.031	.0282324	.543751
cesd_2006	-.0221782	.0306839	-0.72	0.474	-.0843004	.039944

Note: 12 strata omitted because they contain no subpopulation members.

```
320 .
321 .
322 . ***MODEL 3: MODEL 2 + ALCOHOL (SENSITIVITY ANALYSIS)****
323 .
324 .
325 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(HISP): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2006
> 2006 alcohol_2006
  3.
326 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 5,549

Number of strata = 40 — Population size = 18,131,884
Number of PSUs = 80 — Subpop. no. obs = 399
Subpop. size = 1,124,477
Average RVI = 0.0594
Largest FMI = 0.0790
Complete DF = 40

DF adjustment: Small sample — DF: min = 33.88
avg = 37.91
max = 38.14

Model F test: Equal FMI — F(22, 37.8) = 58.91
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0114719	.0362875	-0.32	0.754	-.0849255	.0619817
AGE2006	.099974	.0147034	6.80	0.000	.0702117	.1297363
SEX	-.2785136	.1446304	-1.93	0.062	-.5712713	.0142441
NonWhite	0	(omitted)				
education						
2	-.7510633	.3279657	-2.29	0.028	-1.41493	-.0871964
3	-.0296043	.1498811	-0.20	0.844	-.3329926	.273784
4	-.1612129	.2293448	-0.70	0.486	-.6254436	.3030178
5	.5501355	.2662258	2.07	0.046	.0112451	1.089026
totwealth_2006						
2	-.1827701	.1443308	-1.27	0.213	-.4749293	.1093891
5	.9140785	.2108163	4.34	0.000	.4873539	1.340803
marital_2006						
2	-.466255	.4143302	-1.13	0.267	-1.304922	.3724124
3	-.584934	.5424251	-1.08	0.288	-1.682889	.5130209
4	-.5639163	.4680361	-1.20	0.236	-1.511306	.3834733
work_st_2006	.9072961	.2519823	3.60	0.001	.3972391	1.417353
smoking_2006						
2	.1442632	.1603678	0.90	0.374	-.1803587	.4688852
3	.3960677	.2904754	1.36	0.182	-.1943263	.9864617
physic_act_2006	-.1093776	.0707896	-1.55	0.131	-.2526695	.0339142
2.srh_2006	.2602147	.145349	1.79	0.081	-.0340211	.5544505
bmibr_2006						
2	-.1235651	.1427949	-0.87	0.392	-.4126064	.1654762
3	.2112784	.2447493	0.86	0.393	-.2841344	.7066911
cardiometcondbr_2006	.2964546	.1163149	2.55	0.015	.0610141	.5318951

cesd_2006	-.0149856	.0333166	-0.45	0.655	-.0824402	.052469
alcohol_2006	.0192195	.0506014	0.38	0.706	-.083219	.121658

Note: 12 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 5,549
Number of strata	= 40	Population size	= 18,131,884
Number of PSUs	= 80	Subpop. no. obs	= 399
		Subpop. size	= 1,124,477
		Average RVI	= 0.0513
		Largest FMI	= 0.0778
		Complete DF	= 40
DF adjustment:	Small sample	DF: min	= 33.96
		avg	= 37.92
		max	= 38.14
Model F test:	Equal FMI	F(22, 37.9)	= 50.04
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.1032328	.022154	4.66	0.000	.0583868	.1480787
AGE2006	.0783193	.0157006	4.99	0.000	.0465383	.1101003
SEX	-.3417714	.1451408	-2.35	0.024	-.6355654	-.0479774
NonWhite	0	(omitted)				
education						
2	-.7117349	.3371675	-2.11	0.041	-1.39423	-.0292396
3	.045725	.1485623	0.31	0.760	-.2549937	.3464438
4	-.0626646	.2206604	-0.28	0.778	-.5093171	.3839879
5	.6248555	.278328	2.25	0.031	.0614667	1.188244
totwealth_2006						
2	-.1228626	.1541907	-0.80	0.430	-.4349813	.1892562
5	1.044494	.1991061	5.25	0.000	.6414721	1.447516
marital_2006						
2	-.4668801	.3994699	-1.17	0.250	-1.275468	.3417074
3	-.5770905	.5123916	-1.13	0.267	-1.614255	.4600741
4	-.555632	.4589396	-1.21	0.233	-1.484609	.3733446
work_st_2006	.9561106	.2471643	3.87	0.000	.4558094	1.456412
smoking_2006						
2	.1474655	.1514128	0.97	0.336	-.1590262	.4539573
3	.3224226	.2939693	1.10	0.280	-.2750184	.9198637
physic_act_2006	-.1158912	.071933	-1.61	0.115	-.2614967	.0297143
2.srh_2006	.2470364	.1554808	1.59	0.120	-.0676996	.5617724
bmibr_2006						
2	-.1194881	.1518811	-0.79	0.436	-.4269207	.1879445
3	.2247984	.2405761	0.93	0.356	-.2621666	.7117635
cardiometcondbr_2006	.264836	.1225293	2.16	0.037	.0168156	.5128564
cesd_2006	-.0229316	.0305532	-0.75	0.458	-.0847875	.0389243
alcohol_2006	.0300755	.0504597	0.60	0.555	-.0720703	.1322214

Note: 12 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 5,549

Number of strata = 40 — Population size = 18,131,884
Number of PSUs = 80 — Subpop. no. obs = 399
Subpop. size = 1,124,477
Average RVI = 0.0580
Largest FMI = 0.0822
Complete DF = 40
DF adjustment: Small sample — DF: min = 33.66
avg = 37.90
max = 38.14
Model F test: Equal FMI — F(22, 37.8) = 43.91
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.0435253	.0282057	1.54	0.131	-.0135677	.1006182
AGE2006	.0906968	.0158908	5.71	0.000	.0585309	.1228627
SEX	-.3146605	.1375166	-2.29	0.028	-.5930185	-.0363025
NonWhite	0	(omitted)				
education						
2	-.6971713	.3266056	-2.13	0.039	-1.358287	-.0360554
3	.0353009	.1584046	0.22	0.825	-.28534	.3559418
4	-.0716017	.2274234	-0.31	0.755	-.5319436	.3887402
5	.6261429	.2729981	2.29	0.027	.0735437	1.178742
totwealth_2006						
2	-.1528945	.1472354	-1.04	0.306	-.4509362	.1451472
5	.9547944	.1921838	4.97	0.000	.5657844	1.343804
marital_2006						
2	-.4949299	.4040001	-1.23	0.228	-1.312687	.3228275
3	-.6075984	.5305149	-1.15	0.259	-1.681446	.4662494
4	-.5891793	.4675443	-1.26	0.215	-1.535575	.3572165
work_st_2006	.916128	.2390007	3.83	0.000	.4323473	1.399909
smoking_2006						
2	.1751744	.1593727	1.10	0.279	-.1474354	.4977842
3	.3905626	.2913961	1.34	0.189	-.2018459	.982971
physic_act_2006	-.1083396	.0707721	-1.53	0.134	-.2515958	.0349165
2.srh_2006	.2324342	.1494331	1.56	0.128	-.0700738	.5349422
bmibr_2006						
2	-.1172825	.1512356	-0.78	0.443	-.423409	.188844
3	.2142647	.2421134	0.88	0.382	-.2758132	.7043425
cardiometcondbr_2006	.2739743	.1191616	2.30	0.027	.0327703	.5151783
cesd_2006	-.0196572	.0303905	-0.65	0.522	-.0811867	.0418722
alcohol_2006	.0163889	.0490242	0.33	0.740	-.0828562	.1156339

Note: 12 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 5,549

Number of strata	= 40	Population size	= 18,131,884
Number of PSUs	= 80	Subpop. no. obs	= 399
		Subpop. size	= 1,124,477
		Average RVI	= 0.0596
		Largest FMI	= 0.0800
		Complete DF	= 40
DF adjustment:	Small sample	DF: min	= 33.81
		avg	= 37.90
		max	= 38.14
Model F test:	Equal FMI	F(22, 37.8)	= 52.82
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.08639	.0268973	3.21	0.003	.0319423	.1408378
AGE2006	.0865607	.0159789	5.42	0.000	.0542163	.1189051
SEX	-.3408337	.143423	-2.38	0.023	-.6311481	-.0505193
NonWhite	0	(omitted)				
education						
2	-.6631265	.3329856	-1.99	0.054	-1.33716	.0109068
3	.0553506	.156104	0.35	0.725	-.2606334	.3713345
4	-.0418755	.221867	-0.19	0.851	-.4909713	.4072204
5	.63492	.2816658	2.25	0.030	.0647776	1.205062
totwealth_2006						
2	-.1408611	.1483309	-0.95	0.348	-.4411208	.1593986
5	.9171162	.1997747	4.59	0.000	.5127407	1.321492
marital_2006						
2	-.4554824	.392014	-1.16	0.252	-1.248979	.3380137
3	-.5736249	.5115882	-1.12	0.269	-1.609163	.4619136
4	-.5414089	.4569556	-1.18	0.243	-1.466373	.3835552
work_st_2006	.9110261	.2437542	3.74	0.001	.4176237	1.404429
smoking_2006						
2	.1692612	.1580391	1.07	0.291	-.1506492	.4891717
3	.3616898	.2979996	1.21	0.233	-.2440422	.9674218
physic_act_2006	-.1118506	.0708237	-1.58	0.123	-.2552107	.0315095
2.srh_2006	.2694014	.1500136	1.80	0.080	-.0342785	.5730814
bmibr_2006						
2	-.1082696	.1505944	-0.72	0.477	-.4130978	.1965586
3	.2445097	.2393081	1.02	0.313	-.2398894	.7289087
cardiometcondbr_2006	.2662004	.1213636	2.19	0.034	.0205387	.511862
cesd_2006	-.0200187	.0302753	-0.66	0.512	-.0813137	.0412764
alcohol_2006	.0285292	.0498451	0.57	0.570	-.0723761	.1294344

Note: 12 strata omitted because they contain no subpopulation members.

```
327 .
328 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(HISP): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2006
> 2006 alcohol_2006
  3.
329 . }
```

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **5,549**

Number of strata = **40** — Population size = **18,131,884**
Number of PSUs = **80** — Subpop. no. obs = **399**
Subpop. size = **1,124,477**
Average RVI = **0.0673**
Largest FMI = **0.0799**
Complete DF = **40**
DF adjustment: **Small sample** — DF: min = **33.82**
avg = **37.90**
max = **38.14**
Model F test: **Equal FMI** — F(**22**, **37.8**) = **52.44**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0218377	.1076516	-0.20	0.840	-.2397544	.196079
AGE2006	.1001773	.014629	6.85	0.000	.0705657	.1297889
SEX	-.2807274	.1420938	-1.98	0.055	-.5683515	.0068967
NonWhite	0	(omitted)				
education						
2	-.7523414	.3295941	-2.28	0.028	-1.419502	-.0851806
3	-.0338336	.1552708	-0.22	0.829	-.3481314	.2804643
4	-.1636944	.2275356	-0.72	0.476	-.6242634	.2968745
5	.5523605	.2632333	2.10	0.043	.0195284	1.085193
totwealth_2006						
2	-.1836148	.1449412	-1.27	0.213	-.4770087	.1097791
5	.9117921	.216924	4.20	0.000	.4727042	1.35088
marital_2006						
2	-.4719709	.4127792	-1.14	0.260	-1.307499	.3635571
3	-.5938164	.5387028	-1.10	0.277	-1.684236	.4966028
4	-.570301	.4690294	-1.22	0.231	-1.519699	.3790971
work_st_2006	.9097861	.2522316	3.61	0.001	.3992255	1.420347
smoking_2006						
2	.1441832	.1603512	0.90	0.374	-.1804053	.4687716
3	.3982269	.2884291	1.38	0.176	-.1880475	.9845013
physic_act_2006	-.10983	.0704211	-1.56	0.127	-.2523757	.0327157
2.srh_2006	.256666	.145014	1.77	0.085	-.0368901	.5502221
bmibr_2006						
2	-.1212896	.1451646	-0.84	0.409	-.4151273	.1725482
3	.2127976	.246247	0.86	0.393	-.2856467	.711242
cardiometcondbr_2006	.297205	.1163981	2.55	0.015	.0615963	.5328138
cesd_2006	-.0167735	.0328483	-0.51	0.613	-.0832828	.0497358
alcohol_2006	.0186742	.0514597	0.36	0.719	-.0855006	.1228489

Note: 12 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 5,549

Number of strata = 40 — Population size = 18,131,884
Number of PSUs = 80 — Subpop. no. obs = 399
Subpop. size = 1,124,477
Average RVI = 0.0513
Largest FMI = 0.0756
Complete DF = 40
DF adjustment: **Small sample** — DF: min = 34.11
avg = 37.92
max = 38.14
Model F test: **Equal FMI** — F(22, 37.9) = 51.65
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.1217842	.1000187	1.22	0.231	-.0806731	.3242414
AGE2006	.0966138	.0142805	6.77	0.000	.0677076	.12552
SEX	-.2884225	.1405657	-2.05	0.047	-.5729519	-.0038932
NonWhite	0	(omitted)				
education						
2	-.7501642	.3263916	-2.30	0.027	-1.410844	-.0894843
3	-.025871	.1568743	-0.16	0.870	-.343415	.2916731
4	-.1492589	.2298983	-0.65	0.520	-.614611	.3160932
5	.5547337	.2705796	2.05	0.047	.00703	1.102437
totwealth_2006						
2	-.1869062	.1466964	-1.27	0.210	-.4838538	.1100414
5	.9146353	.2038	4.49	0.000	.5021121	1.327158
marital_2006						
2	-.4780097	.3953939	-1.21	0.234	-1.278347	.3223277
3	-.6012658	.530635	-1.13	0.264	-1.675357	.4728252
4	-.581391	.4562489	-1.27	0.210	-1.504924	.3421418
work_st_2006	.9105158	.2472598	3.68	0.001	.4100185	1.411013
smoking_2006						
2	.1439298	.1576075	0.91	0.367	-.1751034	.4629629
3	.3942153	.2868595	1.37	0.178	-.1886816	.9771121
physic_act_2006	-.1106771	.0708085	-1.56	0.126	-.2540066	.0326525
2.srh_2006	.262292	.1450731	1.81	0.079	-.0313888	.5559728
bmibr_2006						
2	-.1151165	.1470022	-0.78	0.438	-.4126735	.1824405
3	.2162251	.2468941	0.88	0.387	-.2835291	.7159793
cardiometcondbr_2006	.2959724	.1176958	2.51	0.016	.0577373	.5342074
cesd_2006	-.0211842	.0293985	-0.72	0.476	-.080705	.0383366
alcohol_2006	.0202185	.0500981	0.40	0.689	-.0812004	.1216374

Note: 12 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 5,549

Number of strata = **40** Population size = **18,131,884**
Number of PSUs = **80** Subpop. no. obs = **399**
Subpop. size = **1,124,477**
Average RVI = **0.0447**
Largest FMI = **0.0725**
Complete DF = **40**
DF adjustment: **Small sample** DF: min = **34.32**
avg = **37.93**
max = **38.14**
Model F test: **Equal FMI** F(**22**, **37.9**) = **54.53**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.2799585	.1962154	1.43	0.162	-.1172173	.6771342
AGE2006	.0958915	.015194	6.31	0.000	.0651361	.1266468
SEX	-.3043917	.1410425	-2.16	0.037	-.5898862	-.0188973
NonWhite	0	(omitted)				
education						
2	-.7579318	.3208058	-2.36	0.023	-1.407302	-.1085612
3	-.014127	.1579575	-0.09	0.929	-.333865	.3056109
4	-.1340355	.2254884	-0.59	0.556	-.5904616	.3223906
5	.5579608	.278835	2.00	0.053	-.0064529	1.122375
totwealth_2006						
2	-.1769511	.1488953	-1.19	0.242	-.4783499	.1244477
5	.9018717	.2082025	4.33	0.000	.4804372	1.323306
marital_2006						
2	-.4859949	.3866586	-1.26	0.216	-1.268651	.2966608
3	-.5851749	.521907	-1.12	0.269	-1.6416	.4712499
4	-.5910088	.4516001	-1.31	0.198	-1.50513	.3231123
work_st_2006	.9049629	.2543499	3.56	0.001	.3901134	1.419812
smoking_2006						
2	.1757987	.153598	1.14	0.260	-.1351219	.4867193
3	.3921653	.2871137	1.37	0.181	-.1911186	.9754492
physic_act_2006	-.107339	.0711948	-1.51	0.140	-.2514502	.0367722
2.srh_2006	.2431909	.1455919	1.67	0.103	-.0515373	.5379192
bmibr_2006						
2	-.1374487	.1574568	-0.87	0.388	-.4561677	.1812703
3	.1941447	.2470858	0.79	0.437	-.3059979	.6942872
cardiometcondbr_2006	.2948347	.1217565	2.42	0.020	.0483796	.5412898
cesd_2006	-.0195849	.0292637	-0.67	0.507	-.0788328	.039663
alcohol_2006	.0042735	.0510261	0.08	0.934	-.0990246	.1075716

Note: 12 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **5,549**

Number of strata	= 40	Population size	= 18,131,884
Number of PSUs	= 80	Subpop. no. obs	= 399
		Subpop. size	= 1,124,477
		Average RVI	= 0.0524
		Largest FMI	= 0.0728
		Complete DF	= 40
DF adjustment:	Small sample	DF: min	= 34.30
		avg	= 37.92
		max	= 38.14
Model F test:	Equal FMI	F(22, 37.9)	= 48.41
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.3049647	.1674206	1.82	0.076	-.0339243	.6438537
AGE2006	.0917046	.0154777	5.92	0.000	.060375	.1230342
SEX	-.2921769	.1426597	-2.05	0.047	-.5809444	-.0034094
NonWhite	0	(omitted)				
education						
2	-.74417	.324675	-2.29	0.028	-1.401375	-.0869653
3	-.0104788	.1561888	-0.07	0.947	-.3266361	.3056786
4	-.1187337	.2247842	-0.53	0.600	-.5737349	.3362676
5	.5587255	.275254	2.03	0.049	.0015611	1.11589
totwealth_2006						
2	-.1975795	.1432074	-1.38	0.176	-.487465	.0923061
5	.8907722	.2052323	4.34	0.000	.4753495	1.306195
marital_2006						
2	-.4637214	.3851597	-1.20	0.236	-1.243343	.3159004
3	-.595241	.5145094	-1.16	0.255	-1.636691	.4462092
4	-.6043957	.4443003	-1.36	0.182	-1.503741	.2949496
work_st_2006	.8965398	.249411	3.59	0.001	.3916872	1.401392
smoking_2006						
2	.1713163	.1600574	1.07	0.291	-.1526805	.4953131
3	.4063868	.2856545	1.42	0.164	-.1739454	.986719
physic_act_2006	-.1091085	.0713325	-1.53	0.134	-.2534983	.0352813
2.srh_2006	.2823157	.1414135	2.00	0.053	-.0039641	.5685954
bmibr_2006						
2	-.1090191	.1505362	-0.72	0.473	-.4137295	.1956914
3	.2205717	.2482745	0.89	0.380	-.281977	.7231205
cardiometcondbr_2006	.2872298	.1213524	2.37	0.023	.0415928	.5328668
cesd_2006	-.0229259	.0298613	-0.77	0.447	-.0833836	.0375318
alcohol_2006	.0156006	.0485239	0.32	0.750	-.082634	.1138351

Note: 12 strata omitted because they contain no subpopulation members.

```
330 .
331 .
332 .
333 . **************NonWhite************************
334 .
335 . ***MODEL 1****
336 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(NonWhite): stcox `x' AGE2006 SEX NonWhite
  3.
337 . }
```

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,710**

Number of strata = **50** — Population size = **21,936,123**
Number of PSUs = **100** — Subpop. no. obs = **1,278**
Subpop. size = **3,070,927**
Average RVI = **0.0000**
Largest FMI = **0.0000**
Complete DF = **50**
DF adjustment: **Small sample** — DF: min = **48.11**
avg = **48.11**
max = **48.11**
Model F test: **Equal FMI** — F(**3**, **48.1**) = **62.12**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0096814	.0148686	-0.65	0.518	-.0395749	.0202122
AGE2006	.0900991	.006618	13.61	0.000	.0767934	.1034047
SEX	-.3263411	.0726833	-4.49	0.000	-.4724718	-.1802103
NonWhite	0	(omitted)				

Note: 2 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,710**

Number of strata = **50** — Population size = **21,936,123**
Number of PSUs = **100** — Subpop. no. obs = **1,278**
Subpop. size = **3,070,927**
Average RVI = **0.0000**
Largest FMI = **0.0000**
Complete DF = **50**
DF adjustment: **Small sample** — DF: min = **48.11**
avg = **48.11**
max = **48.11**
Model F test: **Equal FMI** — F(**3**, **48.1**) = **68.76**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0821102	.0176059	4.66	0.000	.0467134	.117507
AGE2006	.0725261	.007185	10.09	0.000	.0580805	.0869716
SEX	-.3152082	.0734854	-4.29	0.000	-.4629515	-.1674649
NonWhite	0	(omitted)				

Note: 2 strata omitted because they contain no subpopulation members.

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      6,710

Number of strata  =        50                 Population size   =  21,936,123
Number of PSUs    =       100                 Subpop. no. obs   =      1,278
                                              Subpop. size      =  3,070,927
                                              Average RVI       =     0.0000
                                              Largest FMI       =     0.0000
                                              Complete DF       =         50
DF adjustment:   Small sample                 DF:     min       =      48.11
                                                      avg       =      48.11
                                                      max       =      48.11
Model F test:       Equal FMI                 F(   3,   48.1)   =     108.82
Within VCE type:   Linearized                 Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1144524	.0135281	8.46	0.000	.087254	.1416508
AGE2006	.0658304	.0077383	8.51	0.000	.0502726	.0813883
SEX	-.3773958	.0710897	-5.31	0.000	-.5203225	-.234469
NonWhite	0	(omitted)				

Note: 2 strata omitted because they contain no subpopulation members.

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      6,710

Number of strata  =        50                 Population size   =  21,936,123
Number of PSUs    =       100                 Subpop. no. obs   =      1,278
                                              Subpop. size      =  3,070,927
                                              Average RVI       =     0.0000
                                              Largest FMI       =     0.0000
                                              Complete DF       =         50
DF adjustment:   Small sample                 DF:     min       =      48.11
                                                      avg       =      48.11
                                                      max       =      48.11
Model F test:       Equal FMI                 F(   3,   48.1)   =     131.20
Within VCE type:   Linearized                 Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1743867	.0183102	9.52	0.000	.1375738	.2111995
AGE2006	.063365	.0074925	8.46	0.000	.0483012	.0784288
SEX	-.3891501	.0697443	-5.58	0.000	-.529372	-.2489283
NonWhite	0	(omitted)				

Note: 2 strata omitted because they contain no subpopulation members.

```
338 .
```

```
339 .
340 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(NonWhite): stcox `x' AGE2006 SEX NonWhite
      3.
341 . }
```

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,710**

Number of strata = **50** — Population size = **21,936,123**
Number of PSUs = **100** — Subpop. no. obs = **1,278**
Subpop. size = **3,070,927**
Average RVI = **0.0000**
Largest FMI = **0.0000**
Complete DF = **50**
DF adjustment: **Small sample** — DF: min = **48.11**
avg = **48.11**
max = **48.11**
Model F test: **Equal FMI** — F(**3**, **48.1**) = **61.86**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	**-.0258242**	**.0486585**	**-0.53**	**0.598**	**-.1236527**	**.0720044**
AGE2006	**.0902048**	**.0066303**	**13.61**	**0.000**	**.0768746**	**.1035351**
SEX	**-.3280118**	**.0719603**	**-4.56**	**0.000**	**-.472689**	**-.1833347**
NonWhite	**0**	(omitted)				

Note: 2 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,710**

Number of strata = **50** — Population size = **21,936,123**
Number of PSUs = **100** — Subpop. no. obs = **1,278**
Subpop. size = **3,070,927**
Average RVI = **0.0000**
Largest FMI = **0.0000**
Complete DF = **50**
DF adjustment: **Small sample** — DF: min = **48.11**
avg = **48.11**
max = **48.11**
Model F test: **Equal FMI** — F(**3**, **48.1**) = **68.86**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	**.5630715**	**.1160772**	**4.85**	**0.000**	**.3296968**	**.7964461**
AGE2006	**.0733476**	**.0074453**	**9.85**	**0.000**	**.0583787**	**.0883165**
SEX	**-.3548183**	**.0733134**	**-4.84**	**0.000**	**-.5022158**	**-.2074208**
NonWhite	**0**	(omitted)				

Note: 2 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,710**

```
Number of strata  =        50                 Population size   =  21,936,123
Number of PSUs    =       100                 Subpop. no. obs   =       1,278
                                              Subpop. size      =   3,070,927
                                              Average RVI       =      0.0000
                                              Largest FMI       =      0.0000
                                              Complete DF       =          50
DF adjustment:   Small sample                 DF:     min       =       48.11
                                                      avg       =       48.11
                                                      max       =       48.11
Model F test:       Equal FMI                 F(   3,   48.1)   =       69.81
Within VCE type:   Linearized                 Prob > F          =      0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.6730094	.0951526	7.07	0.000	.4817039	.8643149
AGE2006	.0753171	.0069358	10.86	0.000	.0613725	.0892616
SEX	-.3585788	.0753812	-4.76	0.000	-.5101336	-.207024
NonWhite	0	(omitted)				

Note: 2 strata omitted because they contain no subpopulation members.

```
Multiple-imputation estimates                 Imputations       =           5
Survey: Cox regression                        Number of obs     =       6,710

Number of strata  =        50                 Population size   =  21,936,123
Number of PSUs    =       100                 Subpop. no. obs   =       1,278
                                              Subpop. size      =   3,070,927
                                              Average RVI       =      0.0000
                                              Largest FMI       =      0.0000
                                              Complete DF       =          50
DF adjustment:   Small sample                 DF:     min       =       48.11
                                                      avg       =       48.11
                                                      max       =       48.11
Model F test:       Equal FMI                 F(   3,   48.1)   =       76.38
Within VCE type:   Linearized                 Prob > F          =      0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.6585433	.0923108	7.13	0.000	.4729512	.8441354
AGE2006	.0706659	.0070019	10.09	0.000	.0565885	.0847434
SEX	-.3848386	.0717683	-5.36	0.000	-.5291296	-.2405475
NonWhite	0	(omitted)				

Note: 2 strata omitted because they contain no subpopulation members.

```
342 .
343 . ***MODEL 2****
344 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(NonWhite): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2
> esd_2006
  3.
```

```
345 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,596

Number of strata = 50 — Population size = 21,670,301
Number of PSUs = 100 — Subpop. no. obs = 1,164
Subpop. size = 2,805,105
Average RVI = 0.0164
Largest FMI = 0.0705
Complete DF = 50
DF adjustment: **Small sample** — DF: min = 42.96
avg = 47.82
max = 48.11
Model F test: **Equal FMI** — F(22, 48.0) = 64.43
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0570987	.0225389	-2.53	0.015	-.102415	-.0117825
AGE2006	.0860641	.0079913	10.77	0.000	.0699973	.1021309
SEX	-.2731303	.0901587	-3.03	0.004	-.4543972	-.0918635
NonWhite	0	(omitted)				
education						
2	-.5023569	.2332685	-2.15	0.036	-.9713512	-.0333625
3	-.0652302	.0906909	-0.72	0.475	-.2475693	.117109
4	-.2999815	.1669555	-1.80	0.079	-.6356487	.0356857
5	-.0283882	.1511962	-0.19	0.852	-.3323719	.2755955
totwealth_2006						
2	-.0218453	.0935255	-0.23	0.816	-.2098875	.1661969
3	-.5285733	.4678971	-1.13	0.264	-1.469287	.41214
5	.998682	.1500049	6.66	0.000	.6970934	1.300271
marital_2006						
2	-.2526469	.2111222	-1.20	0.237	-.6771198	.1718259
3	-.2880098	.2304157	-1.25	0.217	-.7512639	.1752443
4	-.2401187	.2129233	-1.13	0.265	-.6682037	.1879663
work_st_2006	-.0365137	.1374873	-0.27	0.792	-.3129367	.2399094
smoking_2006						
2	.2576385	.1002773	2.57	0.013	.0560273	.4592496
3	.6924362	.1638766	4.23	0.000	.3619384	1.022934
physic_act_2006	-.1363543	.0420695	-3.24	0.002	-.2209362	-.0517723
2.srh_2006	.2956943	.0874727	3.38	0.001	.1198025	.471586
bmibr_2006						
2	-.2538855	.0880727	-2.88	0.006	-.4309627	-.0768084
3	-.1415634	.1420059	-1.00	0.324	-.4270703	.1439434
cardiometcondbr_2006	.3236267	.0610949	5.30	0.000	.2007937	.4464597
cesd_2006	-.0001121	.0195568	-0.01	0.995	-.0394435	.0392192

Note: 2 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,596

Number of strata = **50** Population size = **21,670,301**
Number of PSUs = **100** Subpop. no. obs = **1,164**
Subpop. size = **2,805,105**
Average RVI = **0.0104**
Largest FMI = **0.0560**
Complete DF = **50**
DF adjustment: **Small sample** DF: min = **44.30**
avg = **47.90**
max = **48.11**
Model F test: **Equal FMI** F(**22**, **48.1**) = **46.59**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0840284	.0176668	4.76	0.000	.0485085	.1195483
AGE2006	.0704403	.008421	8.36	0.000	.0535095	.087371
SEX	-.2858765	.0931575	-3.07	0.004	-.4731724	-.0985807
NonWhite	0	(omitted)				
education						
2	-.5161396	.2307474	-2.24	0.030	-.9800642	-.052215
3	-.0590692	.0919733	-0.64	0.524	-.2439877	.1258494
4	-.2641923	.1684757	-1.57	0.123	-.6029161	.0745314
5	.0398368	.1473698	0.27	0.788	-.2564532	.3361268
totwealth_2006						
2	.0133995	.0938337	0.14	0.887	-.1752604	.2020594
3	-.5195989	.4885606	-1.06	0.293	-1.501857	.4626588
5	1.166667	.1409362	8.28	0.000	.8833104	1.450023
marital_2006						
2	-.224072	.2078074	-1.08	0.286	-.6418765	.1937324
3	-.253377	.2229979	-1.14	0.261	-.7017173	.1949633
4	-.2174185	.2062094	-1.05	0.297	-.6320055	.1971684
work_st_2006	-.0305784	.1424677	-0.21	0.831	-.3170139	.255857
smoking_2006						
2	.2545829	.1017795	2.50	0.016	.049953	.4592128
3	.6615325	.1639053	4.04	0.000	.3312655	.9917995
physic_act_2006	-.1309338	.040652	-3.22	0.002	-.2126655	-.0492021
2.srh_2006	.2257254	.0874227	2.58	0.013	.0499383	.4015124
bmibr_2006						
2	-.2358161	.0954492	-2.47	0.017	-.4277232	-.0439089
3	-.1030809	.143741	-0.72	0.477	-.3920768	.185915
cardiometcondbr_2006	.2907816	.0622773	4.67	0.000	.1655718	.4159914
cesd_2006	-.0313728	.0179128	-1.75	0.086	-.0673934	.0046479

Note: 2 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,596**

Number of strata = **50** Population size = **21,670,301**
Number of PSUs = **100** Subpop. no. obs = **1,164**
Subpop. size = **2,805,105**
Average RVI = **0.0125**
Largest FMI = **0.0635**
Complete DF = **50**
DF adjustment: **Small sample** DF: min = **43.61**
avg = **47.86**
max = **48.11**
Model F test: **Equal FMI** F(**22**, **48.1**) = **49.34**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.065179	.0161692	4.03	0.000	.0326705	.0976875
AGE2006	.0734652	.0081519	9.01	0.000	.0570755	.0898548
SEX	-.2905304	.0916424	-3.17	0.003	-.4747796	-.1062812
NonWhite	0	(omitted)				
education						
2	-.5184991	.2230183	-2.32	0.024	-.9668838	-.0701144
3	-.0714289	.0931213	-0.77	0.447	-.2586553	.1157974
4	-.2765661	.169235	-1.63	0.109	-.6168162	.063684
5	.0146132	.1464289	0.10	0.921	-.2797855	.3090118
totwealth_2006						
2	.007114	.0949566	0.07	0.941	-.1838037	.1980317
3	-.5773089	.5007588	-1.15	0.255	-1.584091	.4294734
5	1.176286	.1354564	8.68	0.000	.9039471	1.448624
marital_2006						
2	-.1905952	.2150783	-0.89	0.380	-.6230185	.2418281
3	-.2395074	.2286401	-1.05	0.300	-.6991916	.2201768
4	-.1967947	.211578	-0.93	0.357	-.6221753	.2285859
work_st_2006	-.0390212	.1407985	-0.28	0.783	-.3221011	.2440588
smoking_2006						
2	.2653875	.1041987	2.55	0.014	.055893	.474882
3	.6802839	.164169	4.14	0.000	.3493394	1.011228
physic_act_2006	-.1271412	.0406001	-3.13	0.003	-.2087686	-.0455139
2.srh_2006	.2132869	.0875273	2.44	0.019	.0372838	.3892901
bmibr_2006						
2	-.2346881	.0970908	-2.42	0.019	-.4298961	-.03948
3	-.1099596	.1450925	-0.76	0.452	-.4016723	.1817532
cardiometcondbr_2006	.2821312	.0617668	4.57	0.000	.1579473	.406315
cesd_2006	-.0299461	.0180221	-1.66	0.103	-.0661875	.0062953

Note: 2 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates Imputations = **5**
Survey: Cox regression Number of obs = **6,596**

Number of strata	= 50	Population size	= 21,670,301
Number of PSUs	= 100	Subpop. no. obs	= 1,164
		Subpop. size	= 2,805,105
		Average RVI	= 0.0127
		Largest FMI	= 0.0629
		Complete DF	= 50
DF adjustment:	**Small sample**	DF: min	= 43.67
		avg	= 47.87
		max	= 48.11
Model F test:	**Equal FMI**	F(22, 48.1)	= 47.71
Within VCE type:	**Linearized**	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1252658	.0241322	5.19	0.000	.0767474	.1737843
AGE2006	.0695615	.0083454	8.34	0.000	.0527828	.0863402
SEX	-.337689	.0897519	-3.76	0.000	-.5181376	-.1572403
NonWhite	0	(omitted)				
education						
2	-.4805093	.2280718	-2.11	0.040	-.939055	-.0219636
3	-.0504528	.0938472	-0.54	0.593	-.2391385	.1382329
4	-.2272227	.1705475	-1.33	0.189	-.5701115	.1156661
5	.0504793	.1500403	0.34	0.738	-.25118	.3521387
totwealth_2006						
2	.0331296	.0959175	0.35	0.731	-.1597202	.2259794
3	-.5937419	.493718	-1.20	0.235	-1.586369	.3988848
5	1.081521	.1380094	7.84	0.000	.8040492	1.358992
marital_2006						
2	-.2101639	.204261	-1.03	0.309	-.620839	.2005111
3	-.2236462	.216032	-1.04	0.306	-.6579816	.2106891
4	-.1870864	.2025898	-0.92	0.360	-.594396	.2202233
work_st_2006	-.0109914	.1386025	-0.08	0.937	-.2896563	.2676734
smoking_2006						
2	.2665438	.1003765	2.66	0.011	.0647345	.4683531
3	.6573633	.165705	3.97	0.000	.323335	.9913915
physic_act_2006	-.1261011	.0398001	-3.17	0.003	-.2061199	-.0460823
2.srh_2006	.2383372	.0877652	2.72	0.009	.0618575	.414817
bmibr_2006						
2	-.2130795	.0962342	-2.21	0.032	-.4065656	-.0195934
3	-.0437488	.1463343	-0.30	0.766	-.3379587	.250461
cardiometcondbr_2006	.28354	.0601973	4.71	0.000	.1625119	.4045682
cesd_2006	-.029112	.0180984	-1.61	0.114	-.0655063	.0072822

Note: 2 strata omitted because they contain no subpopulation members.

```
346 .
347 .
348 .
349 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(NonWhite): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2
> esd_2006
  3.
350 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,596

Number of strata = 50 — Population size = 21,670,301
Number of PSUs = 100 — Subpop. no. obs = 1,164
Subpop. size = 2,805,105
Average RVI = 0.0168
Largest FMI = 0.0747
Complete DF = 50
DF adjustment: **Small sample** — DF: min = 42.56
avg = 47.79
max = 48.11
Model F test: **Equal FMI** — F(22, 48.0) = 59.41
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.1469742	.0671503	-2.19	0.034	-.2819906	-.0119577
AGE2006	.086687	.008014	10.82	0.000	.0705747	.1027994
SEX	-.2755329	.089199	-3.09	0.003	-.4548706	-.0961953
NonWhite	0	(omitted)				
education						
2	-.4998969	.2316199	-2.16	0.036	-.9655769	-.034217
3	-.0750967	.0910974	-0.82	0.414	-.2582534	.1080601
4	-.3030487	.1662761	-1.82	0.075	-.6373503	.0312529
5	-.0348144	.1505876	-0.23	0.818	-.3375742	.2679455
totwealth_2006						
2	-.0174186	.0919614	-0.19	0.851	-.2023156	.1674784
3	-.5056559	.4696033	-1.08	0.287	-1.4498	.438488
5	.9653125	.1489143	6.48	0.000	.6659152	1.26471
marital_2006						
2	-.2771903	.2107758	-1.32	0.195	-.700966	.1465854
3	-.3174252	.2322172	-1.37	0.178	-.784301	.1494507
4	-.2715568	.2135486	-1.27	0.210	-.7008991	.1577856
work_st_2006	-.0345037	.1361179	-0.25	0.801	-.3081732	.2391659
smoking_2006						
2	.253716	.1011429	2.51	0.016	.0503644	.4570677
3	.6977692	.1636972	4.26	0.000	.3675428	1.027996
physic_act_2006	-.1373036	.0416381	-3.30	0.002	-.2210182	-.053589
2.srh_2006	.2875081	.0872687	3.29	0.002	.1120275	.4629886
bmibr_2006						
2	-.2524159	.0896222	-2.82	0.007	-.4326082	-.0722236
3	-.1382873	.1436765	-0.96	0.341	-.4271529	.1505784
cardiometcondbr_2006	.3241738	.0610961	5.31	0.000	.2013385	.4470092
cesd_2006	-.0050217	.0199104	-0.25	0.802	-.0450662	.0350228

Note: 2 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,596
Number of strata	= 50	Population size	= 21,670,301
Number of PSUs	= 100	Subpop. no. obs	= 1,164
		Subpop. size	= 2,805,105
		Average RVI	= 0.0123
		Largest FMI	= 0.0551
		Complete DF	= 50
DF adjustment:	Small sample	DF: min	= 44.38
		avg	= 47.90
		max	= 48.11
Model F test:	Equal FMI	F(22, 48.1)	= 43.96
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.2899565	.1170162	2.48	0.017	.0546902	.5252228
AGE2006	.0784098	.0079633	9.85	0.000	.0623994	.0944202
SEX	-.2884048	.0919716	-3.14	0.003	-.4733166	-.1034929
NonWhite	0	(omitted)				
education						
2	-.5042685	.2306896	-2.19	0.034	-.9680765	-.0404604
3	-.0737049	.0952863	-0.77	0.443	-.2652838	.117874
4	-.2772218	.1674354	-1.66	0.104	-.6138542	.0594106
5	-.0031153	.1539236	-0.02	0.984	-.312582	.3063514
totwealth_2006						
2	-.023253	.0918209	-0.25	0.801	-.2078656	.1613597
3	-.6162622	.4472431	-1.38	0.175	-1.515451	.2829263
5	1.005536	.1503408	6.69	0.000	.7032722	1.307801
marital_2006						
2	-.2333257	.2155365	-1.08	0.284	-.6666705	.2000192
3	-.2744014	.2293553	-1.20	0.237	-.7355236	.1867208
4	-.2454407	.2115441	-1.16	0.252	-.670753	.1798716
work_st_2006	-.0409329	.1420111	-0.29	0.774	-.3264502	.2445843
smoking_2006						
2	.257561	.102972	2.50	0.016	.0505339	.4645882
3	.6827547	.1645586	4.15	0.000	.3511878	1.014321
physic_act_2006	-.1318426	.0405011	-3.26	0.002	-.2132713	-.0504139
2.srh_2006	.2453786	.0867592	2.83	0.007	.0709237	.4198335
bmibr_2006						
2	-.2408353	.096404	-2.50	0.016	-.434662	-.0470086
3	-.1273648	.1421129	-0.90	0.375	-.4130872	.1583577
cardiometcondbr_2006	.3087285	.0628924	4.91	0.000	.1822821	.435175
cesd_2006	-.0292863	.0168201	-1.74	0.088	-.063111	.0045385

Note: 2 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,596

Number of strata	= 50	Population size	= 21,670,301
Number of PSUs	= 100	Subpop. no. obs	= 1,164
		Subpop. size	= 2,805,105
		Average RVI	= 0.0111
		Largest FMI	= 0.0534
		Complete DF	= 50
DF adjustment:	Small sample	DF: min	= 44.53
		avg	= 47.90
		max	= 48.11
Model F test:	Equal FMI	F(22, 48.1)	= 52.75
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.4223839	.0968025	4.36	0.000	.2277532	.6170145
AGE2006	.0782375	.0077255	10.13	0.000	.0627051	.0937699
SEX	-.2726552	.0955268	-2.85	0.006	-.4647137	-.0805967
NonWhite	0	(omitted)				
education						
2	-.5487511	.223194	-2.46	0.018	-.997488	-.1000143
3	-.112639	.0901766	-1.25	0.218	-.2939452	.0686672
4	-.2958205	.1648958	-1.79	0.079	-.6273466	.0357056
5	-.0172225	.1501043	-0.11	0.909	-.3190108	.2845658
totwealth_2006						
2	-.0095968	.0907717	-0.11	0.916	-.1921002	.1729066
3	-.6195967	.4562604	-1.36	0.181	-1.536915	.2977216
5	1.041655	.1477683	7.05	0.000	.744562	1.338747
marital_2006						
2	-.1770025	.2281585	-0.78	0.442	-.6357214	.2817163
3	-.222109	.2424347	-0.92	0.364	-.709527	.265309
4	-.20246	.2213908	-0.91	0.365	-.6475698	.2426497
work_st_2006	-.0419259	.1433646	-0.29	0.771	-.3301647	.2463129
smoking_2006						
2	.2743804	.1026016	2.67	0.010	.0680981	.4806628
3	.6803159	.1645866	4.13	0.000	.3487241	1.011908
physic_act_2006	-.1270782	.0391049	-3.25	0.002	-.2056994	-.048457
2.srh_2006	.222113	.0835257	2.66	0.011	.0541593	.3900667
bmibr_2006						
2	-.2510697	.1006837	-2.49	0.016	-.4535015	-.0486379
3	-.1305565	.1429212	-0.91	0.366	-.4179043	.1567913
cardiometcondbr_2006	.2922888	.0645657	4.53	0.000	.1624783	.4220993
cesd_2006	-.0299399	.0175123	-1.71	0.094	-.0651562	.0052765

Note: 2 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,596

Number of strata	= 50	Population size	= 21,670,301
Number of PSUs	= 100	Subpop. no. obs	= 1,164
		Subpop. size	= 2,805,105
		Average RVI	= 0.0128
		Largest FMI	= 0.0492
		Complete DF	= 50
DF adjustment:	**Small sample**	DF: min	= 44.88
		avg	= 47.92
		max	= 48.11
Model F test:	**Equal FMI**	F(22, 48.1)	= 47.12
Within VCE type:	**Linearized**	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4374968	.102803	4.26	0.000	.2308023	.6441914
AGE2006	.0743136	.0079826	9.31	0.000	.0582643	.0903629
SEX	-.3050587	.0916154	-3.33	0.002	-.4892537	-.1208638
NonWhite	0	(omitted)				
education						
2	-.5198313	.2181863	-2.38	0.021	-.9585011	-.0811616
3	-.0874261	.0920094	-0.95	0.347	-.2724164	.0975643
4	-.2735599	.1677126	-1.63	0.109	-.6107493	.0636295
5	-.0125909	.1486669	-0.08	0.933	-.3114889	.2863072
totwealth_2006						
2	-.0101898	.0908658	-0.11	0.911	-.1928816	.172502
3	-.6452313	.4528287	-1.42	0.161	-1.55565	.2651873
5	1.03354	.1442328	7.17	0.000	.7435562	1.323523
marital_2006						
2	-.1790351	.2152122	-0.83	0.410	-.611725	.2536548
3	-.2111619	.2289515	-0.92	0.361	-.6714718	.249148
4	-.2030713	.2148324	-0.95	0.349	-.6349953	.2288526
work_st_2006	-.0300429	.1426996	-0.21	0.834	-.3169446	.2568587
smoking_2006						
2	.2579684	.1009938	2.55	0.014	.0549186	.4610181
3	.666313	.1681831	3.96	0.000	.3275508	1.005075
physic_act_2006	-.1257098	.0389309	-3.23	0.002	-.2039812	-.0474384
2.srh_2006	.2638163	.0891395	2.96	0.005	.0845767	.443056
bmibr_2006						
2	-.2173154	.0987574	-2.20	0.033	-.4158735	-.0187573
3	-.1058033	.1453263	-0.73	0.470	-.3979862	.1863795
cardiometcondbr_2006	.2956827	.0631822	4.68	0.000	.1686538	.4227116
cesd_2006	-.0280286	.0167603	-1.67	0.101	-.061732	.0056748

Note: 2 strata omitted because they contain no subpopulation members.

```
351 .
352 .
353 . ***MODEL 3: MODEL 2 + ALCOHOL (SENSITIVITY ANALYSIS)****
354 .
355 .
356 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(NonWhite): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2
> esd_2006 alcohol_2006
  3.
357 . }
```

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,388**

Number of strata = **49** — Population size = **20,833,211**
Number of PSUs = **98** — Subpop. no. obs = **1,131**
Subpop. size = **2,724,967**
Average RVI = **0.0223**
Largest FMI = **0.0789**
Complete DF = **49**
DF adjustment: **Small sample** — DF: min = **41.33**
avg = **46.79**
max = **47.11**
Model F test: **Equal FMI** — F(**23**, **47.0**) = **64.93**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0584853	.0218918	-2.67	0.010	-.1025244	-.0144461
AGE2006	.0869852	.0077604	11.21	0.000	.071374	.1025963
SEX	-.259506	.0876052	-2.96	0.005	-.4357375	-.0832746
NonWhite	0	(omitted)				
education						
2	-.5586797	.2387648	-2.34	0.024	-1.038988	-.0783718
3	-.099303	.0874987	-1.13	0.262	-.275321	.0767151
4	-.2837112	.1750133	-1.62	0.112	-.6357704	.0683481
5	-.0384473	.1513721	-0.25	0.801	-.3429507	.2660561
totwealth_2006						
2	-.0228399	.0921944	-0.25	0.805	-.2083116	.1626319
3	-.5236179	.476267	-1.10	0.277	-1.481682	.4344464
5	1.04146	.1547711	6.73	0.000	.7301187	1.352801
marital_2006						
2	-.2331758	.2147063	-1.09	0.283	-.6650933	.1987417
3	-.2505975	.2388746	-1.05	0.299	-.731121	.2299261
4	-.2222337	.2101131	-1.06	0.296	-.6448994	.2004321
work_st_2006	-.0407194	.1431128	-0.28	0.777	-.3286081	.2471694
smoking_2006						
2	.2455635	.0999627	2.46	0.018	.0444747	.4466523
3	.6886924	.1669302	4.13	0.000	.3516518	1.025733
physic_act_2006	-.1261055	.0450718	-2.80	0.007	-.2167729	-.0354381
2.srh_2006	.3129108	.0885733	3.53	0.001	.1347102	.4911115
bmibr_2006						
2	-.2298077	.0953915	-2.41	0.020	-.4217022	-.0379132
3	-.148366	.1470284	-1.01	0.318	-.4441317	.1473997

cardiometcondbr_2006	.3148505	.0576202	5.46	0.000	.19894	.430761
cesd_2006	.0031138	.0178056	0.17	0.862	-.0327197	.0389472
alcohol_2006	.0217275	.0411754	0.53	0.600	-.0611129	.1045679

Note: 3 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,388

Number of strata = 49 — Population size = 20,833,211
Number of PSUs = 98 — Subpop. no. obs = 1,131
Subpop. size = 2,724,967
Average RVI = 0.0148
Largest FMI = 0.0627
Complete DF = 49
DF adjustment: Small sample — DF: min = 42.82
avg = 46.88
max = 47.11
Model F test: Equal FMI — F(23, 47.0) = 47.10
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0987785	.0200338	4.93	0.000	.0584776	.1390795
AGE2006	.0686574	.0086618	7.93	0.000	.0512331	.0860817
SEX	-.267561	.0913475	-2.93	0.005	-.4513202	-.0838018
NonWhite	0	(omitted)				
education						
2	-.5620499	.2355151	-2.39	0.021	-1.035819	-.0882805
3	-.0892754	.0870661	-1.03	0.310	-.2644243	.0858734
4	-.2287645	.1751411	-1.31	0.198	-.5810808	.1235519
5	.0408887	.144815	0.28	0.779	-.2504243	.3322017
totwealth_2006						
2	.0134343	.0924616	0.15	0.885	-.172572	.1994407
3	-.5099607	.489789	-1.04	0.303	-1.495226	.4753045
5	1.245165	.1461047	8.52	0.000	.9512571	1.539073
marital_2006						
2	-.198229	.2104113	-0.94	0.351	-.6215015	.2250434
3	-.2117963	.23003	-0.92	0.362	-.6745274	.2509348
4	-.1945525	.2025963	-0.96	0.342	-.6020974	.2129924
work_st_2006	-.0268457	.14824	-0.18	0.857	-.3250478	.2713564
smoking_2006						
2	.2342185	.1018282	2.30	0.026	.0293786	.4390584
3	.6433314	.1677935	3.83	0.000	.3049032	.9817597
physic_act_2006	-.1222117	.0443062	-2.76	0.008	-.2113387	-.0330848
2.srh_2006	.2423499	.0871182	2.78	0.008	.0670806	.4176193
bmibr_2006						
2	-.2096815	.1026095	-2.04	0.047	-.4160958	-.0032671
3	-.1034485	.1491574	-0.69	0.491	-.403497	.1966
cardiometcondbr_2006	.2786748	.0599299	4.65	0.000	.1581184	.3992313
cesd_2006	-.0287261	.0165981	-1.73	0.090	-.0621234	.0046712
alcohol_2006	.0366237	.0436484	0.84	0.406	-.051187	.1244344

Note: 3 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,388

Number of strata = 49 — Population size = 20,833,211
Number of PSUs = 98 — Subpop. no. obs = 1,131
Subpop. size = 2,724,967
Average RVI = 0.0181
Largest FMI = 0.0718
Complete DF = 49
DF adjustment: Small sample — DF: min = 42.00
avg = 46.83
max = 47.11
Model F test: Equal FMI — F(23, 47.0) = 56.46
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.0735548	.017661	4.16	0.000	.0380276	.1090821
AGE2006	.0726694	.008258	8.80	0.000	.0560573	.0892816
SEX	-.2733344	.0909052	-3.01	0.004	-.4562034	-.0904655
NonWhite	0	(omitted)				
education						
2	-.5654829	.2270556	-2.49	0.016	-1.022235	-.1087312
3	-.1048048	.0890223	-1.18	0.245	-.2838885	.0742789
4	-.2463959	.1769	-1.39	0.170	-.6022504	.1094587
5	.010798	.1446091	0.07	0.941	-.2801009	.3016969
totwealth_2006						
2	.0064785	.0936473	0.07	0.945	-.1819136	.1948706
3	-.5745109	.5063994	-1.13	0.262	-1.59319	.4441679
5	1.246864	.1397934	8.92	0.000	.9656522	1.528076
marital_2006						
2	-.1646872	.2191069	-0.75	0.456	-.6054527	.2760783
3	-.2002179	.2369192	-0.85	0.402	-.6768077	.2763719
4	-.174282	.210106	-0.83	0.411	-.5969335	.2483696
work_st_2006	-.0425311	.1465425	-0.29	0.773	-.3373188	.2522566
smoking_2006						
2	.2486837	.1045027	2.38	0.021	.0384618	.4589055
3	.6671197	.168299	3.96	0.000	.3274779	1.006761
physic_act_2006	-.118197	.0439715	-2.69	0.010	-.2066509	-.0297432
2.srh_2006	.227844	.0872998	2.61	0.012	.0522029	.4034851
bmibr_2006						
2	-.2108015	.1047847	-2.01	0.050	-.4215916	-.0000113
3	-.1133581	.1505713	-0.75	0.455	-.4162507	.1895346
cardiometcondbr_2006	.2695482	.0605261	4.45	0.000	.1477921	.3913044
cesd_2006	-.027159	.0168332	-1.61	0.113	-.0610308	.0067129
alcohol_2006	.0330212	.0427508	0.77	0.444	-.0529865	.1190288

Note: 3 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,388

Number of strata = **49**
Number of PSUs = **98**
DF adjustment: **Small sample**
Model F test: **Equal FMI**
Within VCE type: **Linearized**

Population size = **20,833,211**
Subpop. no. obs = **1,131**
Subpop. size = **2,724,967**
Average RVI = **0.0199**
Largest FMI = **0.0711**
Complete DF = **49**
DF: min = **42.06**
avg = **46.84**
max = **47.11**
F(**23**, **47.0**) = **54.22**
Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1341742	.0246563	5.44	0.000	.0845749	.1837735
AGE2006	.0689933	.0082771	8.34	0.000	.0523427	.0856439
SEX	-.3216902	.0884888	-3.64	0.001	-.4996985	-.1436818
NonWhite	0	(omitted)				
education						
2	-.5182197	.233808	-2.22	0.032	-.9885556	-.0478838
3	-.0817743	.0898365	-0.91	0.367	-.2624959	.0989472
4	-.1963409	.1773345	-1.11	0.274	-.5530695	.1603878
5	.0475211	.1489932	0.32	0.751	-.2521965	.3472388
totwealth_2006						
2	.0301657	.0944174	0.32	0.751	-.1597761	.2201075
3	-.5879056	.4958893	-1.19	0.242	-1.585442	.409631
5	1.133796	.1433946	7.91	0.000	.8453403	1.422252
marital_2006						
2	-.1922953	.2074507	-0.93	0.359	-.6096135	.2250229
3	-.1981822	.2234818	-0.89	0.380	-.6477412	.2513768
4	-.1699517	.1994336	-0.85	0.398	-.5711346	.2312311
work_st_2006	-.008188	.1441197	-0.06	0.955	-.2981019	.2817258
smoking_2006						
2	.2490383	.1009192	2.47	0.017	.0460259	.4520508
3	.6416977	.170235	3.77	0.001	.2981636	.9852318
physic_act_2006	-.1202442	.0431129	-2.79	0.008	-.2069707	-.0335177
2.srh_2006	.256655	.0877921	2.92	0.005	.0800254	.4332845
bmibr_2006						
2	-.1911974	.1037438	-1.84	0.072	-.3998937	.0174989
3	-.0442274	.1516419	-0.29	0.772	-.3492739	.2608191
cardiometcondbr_2006	.2717484	.0590448	4.60	0.000	.1529724	.3905243
cesd_2006	-.0266345	.0170248	-1.56	0.124	-.0608907	.0076217
alcohol_2006	.03721	.043688	0.85	0.399	-.0506828	.1251027

Note: 3 strata omitted because they contain no subpopulation members.

```
358 .
359 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(NonWhite): stcox `x' AGE2006 SEX NonWhite i.education  i.totwealth_2006 i.marital_2
> esd_2006 alcohol_2006
  3.
360 . }
```

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,388**

Number of strata = **49** — Population size = **20,833,211**
Number of PSUs = **98** — Subpop. no. obs = **1,131**
Subpop. size = **2,724,967**
Average RVI = **0.0237**
Largest FMI = **0.0839**
Complete DF = **49**
DF adjustment: **Small sample** — DF: min = **40.85**
avg = **46.76**
max = **47.12**
Model F test: **Equal FMI** — F(**23**, **47.0**) = **60.53**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.1547353	.0648276	-2.39	0.021	-.2851531	-.0243175
AGE2006	.0876187	.0078038	11.23	0.000	.0719202	.1033172
SEX	-.2619424	.0869872	-3.01	0.004	-.4369312	-.0869536
NonWhite	0	(omitted)				
education						
2	-.5546719	.2371442	-2.34	0.024	-1.03172	-.0776238
3	-.1096858	.0879977	-1.25	0.219	-.2867078	.0673362
4	-.2872886	.1739895	-1.65	0.105	-.6372886	.0627113
5	-.0452571	.1508756	-0.30	0.766	-.3487614	.2582473
totwealth_2006						
2	-.0189052	.0910375	-0.21	0.836	-.2020491	.1642386
3	-.4997343	.4767688	-1.05	0.300	-1.458808	.4593392
5	1.006323	.1544324	6.52	0.000	.6956612	1.316984
marital_2006						
2	-.2583144	.2140215	-1.21	0.233	-.6888538	.172225
3	-.2794867	.2411398	-1.16	0.252	-.7645666	.2055932
4	-.2541392	.2108321	-1.21	0.234	-.6782513	.169973
work_st_2006	-.0378497	.1419963	-0.27	0.791	-.3234925	.2477931
smoking_2006						
2	.2402357	.101149	2.38	0.022	.0367602	.4437112
3	.6925527	.1669705	4.15	0.000	.3553119	1.029794
physic_act_2006	-.1270249	.0446927	-2.84	0.007	-.2169298	-.0371201
2.srh_2006	.3057937	.0887022	3.45	0.001	.1273347	.4842526
bmibr_2006						
2	-.227394	.0971767	-2.34	0.024	-.4228795	-.0319085
3	-.144082	.1488362	-0.97	0.338	-.4434842	.1553201
cardiometcondbr_2006	.3161617	.0575501	5.49	0.000	.2003922	.4319312
cesd_2006	-.001169	.017924	-0.07	0.948	-.0372441	.0349061
alcohol_2006	.0225688	.041158	0.55	0.586	-.0602364	.105374

Note: 3 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,388
Number of strata	= 49	Population size	= 20,833,211
Number of PSUs	= 98	Subpop. no. obs	= 1,131
		Subpop. size	= 2,724,967
		Average RVI	= 0.0188
		Largest FMI	= 0.0618
		Complete DF	= 49
DF adjustment:	Small sample	DF: min	= 42.90
		avg	= 46.87
		max	= 47.12
Model F test:	Equal FMI	F(23, 47.0)	= 45.89
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.3157548	.1196059	2.64	0.011	.0751505	.556359
AGE2006	.0782494	.008012	9.77	0.000	.0621322	.0943666
SEX	-.2724187	.089476	-3.04	0.004	-.4524129	-.0924245
NonWhite	0	(omitted)				
education						
2	-.5548013	.2362193	-2.35	0.023	-1.029987	-.0796157
3	-.1080689	.0921222	-1.17	0.247	-.2933879	.0772501
4	-.2550094	.1743045	-1.46	0.150	-.6056429	.0956241
5	-.0121541	.1541195	-0.08	0.937	-.3221841	.2978758
totwealth_2006						
2	-.0307682	.0910218	-0.34	0.737	-.2138773	.1523409
3	-.6195083	.4534123	-1.37	0.178	-1.531598	.2925811
5	1.051717	.155052	6.78	0.000	.7398108	1.363623
marital_2006						
2	-.2134331	.2185389	-0.98	0.334	-.6530565	.2261903
3	-.2277405	.2391884	-0.95	0.346	-.708895	.2534141
4	-.227009	.2089242	-1.09	0.283	-.647283	.193265
work_st_2006	-.0432919	.1473318	-0.29	0.770	-.339667	.2530833
smoking_2006						
2	.23788	.1019387	2.33	0.024	.0328185	.4429415
3	.6704615	.1679204	3.99	0.000	.331795	1.009128
physic_act_2006	-.1222283	.0433969	-2.82	0.007	-.2095264	-.0349303
2.srh_2006	.262569	.0864636	3.04	0.004	.0886144	.4365236
bmibr_2006						
2	-.2157489	.1036006	-2.08	0.043	-.4241566	-.0073411
3	-.1340831	.147561	-0.91	0.368	-.4309204	.1627542
cardiometcondbr_2006	.3065437	.0608572	5.04	0.000	.1841219	.4289654
cesd_2006	-.0257922	.0154166	-1.67	0.101	-.0568143	.0052299
alcohol_2006	.0335305	.0410015	0.82	0.418	-.048957	.1160179

Note: 3 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,388

Number of strata	= 49	Population size	= 20,833,211
Number of PSUs	= 98	Subpop. no. obs	= 1,131
		Subpop. size	= 2,724,967
		Average RVI	= 0.0153
		Largest FMI	= 0.0590
		Complete DF	= 49
DF adjustment:	**Small sample**	DF: min	= 43.15
		avg	= 46.88
		max	= 47.12
Model F test:	**Equal FMI**	F(23, 47.0)	= 57.05
Within VCE type:	**Linearized**	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.4521239	.0962044	4.70	0.000	.2585894	.6456584
AGE2006	.0782238	.0076582	10.21	0.000	.0628182	.0936294
SEX	-.2571076	.0929231	-2.77	0.008	-.4440347	-.0701805
NonWhite	0	(omitted)				
education						
2	-.606179	.2277163	-2.66	0.011	-1.064258	-.1480997
3	-.1512451	.0868172	-1.74	0.088	-.3258929	.0234028
4	-.2763635	.1728188	-1.60	0.116	-.6240082	.0712812
5	-.0284153	.1505049	-0.19	0.851	-.3311744	.2743438
totwealth_2006						
2	-.0144828	.0902714	-0.16	0.873	-.1960824	.1671167
3	-.6192965	.4600631	-1.35	0.185	-1.544765	.3061721
5	1.092499	.1511378	7.23	0.000	.7884665	1.396532
marital_2006						
2	-.1523629	.2295299	-0.66	0.510	-.6140923	.3093665
3	-.1678358	.2495596	-0.67	0.505	-.6698526	.334181
4	-.1792654	.2177526	-0.82	0.415	-.6172992	.2587684
work_st_2006	-.0476597	.1493627	-0.32	0.751	-.3481206	.2528011
smoking_2006						
2	.2553306	.1024839	2.49	0.016	.0491712	.4614901
3	.6643802	.168852	3.93	0.000	.3238928	1.004868
physic_act_2006	-.1168983	.0418953	-2.79	0.008	-.2011756	-.0326209
2.srh_2006	.2368142	.0831338	2.85	0.007	.0695586	.4040697
bmibr_2006						
2	-.2262394	.1081603	-2.09	0.042	-.4438201	-.0086587
3	-.1383624	.1480277	-0.93	0.355	-.4361388	.1594139
cardiometcondbr_2006	.2905513	.0638187	4.55	0.000	.1621726	.41893
cesd_2006	-.0261945	.0159067	-1.65	0.106	-.0582023	.0058133
alcohol_2006	.0327993	.0409435	0.80	0.427	-.0495725	.1151711

Note: 3 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,388

Number of strata	= 49	Population size	= 20,833,211
Number of PSUs	= 98	Subpop. no. obs	= 1,131
		Subpop. size	= 2,724,967
		Average RVI	= 0.0205
		Largest FMI	= 0.0565
		Complete DF	= 49
DF adjustment:	**Small sample**	DF: min	= 43.37
		avg	= 46.90
		max	= 47.11
Model F test:	**Equal FMI**	F(23, 47.0)	= 49.24
Within VCE type:	**Linearized**	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.422289	.1053959	4.01	0.000	.2102655	.6343125
AGE2006	.0751176	.0077976	9.63	0.000	.0594317	.0908036
SEX	-.2838951	.0903969	-3.14	0.003	-.4657409	-.1020493
NonWhite	0	(omitted)				
education						
2	-.5629993	.2254616	-2.50	0.016	-1.016544	-.1094542
3	-.1209402	.0885028	-1.37	0.178	-.298978	.0570976
4	-.2538165	.1746285	-1.45	0.153	-.6051016	.0974685
5	-.0241031	.1488667	-0.16	0.872	-.3235665	.2753603
totwealth_2006						
2	-.0210017	.0893402	-0.24	0.815	-.2007272	.1587238
3	-.6355008	.45919	-1.38	0.173	-1.559213	.2882111
5	1.07542	.1505498	7.14	0.000	.7725705	1.378269
marital_2006						
2	-.1666057	.2187498	-0.76	0.450	-.6066503	.2734389
3	-.1870755	.2399702	-0.78	0.440	-.6698021	.2956511
4	-.1897525	.2134963	-0.89	0.379	-.6192241	.2397191
work_st_2006	-.0342542	.1474455	-0.23	0.817	-.3308581	.2623498
smoking_2006						
2	.2422302	.1015276	2.39	0.021	.0379952	.4464652
3	.6559761	.1712293	3.83	0.000	.3107438	1.001208
physic_act_2006	-.1202297	.0420546	-2.86	0.006	-.2048275	-.035632
2.srh_2006	.2806905	.0887717	3.16	0.003	.1020933	.4592877
bmibr_2006						
2	-.1983376	.1059015	-1.87	0.067	-.4113737	.0146985
3	-.11582	.1504994	-0.77	0.445	-.4185681	.186928
cardiometcondbr_2006	.2900311	.0621711	4.67	0.000	.1649668	.4150955
cesd_2006	-.0253007	.0156699	-1.61	0.113	-.0568312	.0062298
alcohol_2006	.0367955	.0417447	0.88	0.383	-.0471869	.1207779

Note: 3 strata omitted because they contain no subpopulation members.

```
. 
. 
. 
. 
. ****************INTERACTION BY SEX*********
. 
. ***MODEL 1****
. foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(sample_final): stcox c.`x'##c.SEX AGE2006 SEX NonWhite
  3. 
. }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,951

Number of strata = 52 — Population size = 22,747,247
Number of PSUs = 104 — Subpop. no. obs = 6,718
Subpop. size = 22,734,819
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 52
DF adjustment: Small sample — DF: min = 50.11
avg = 50.11
max = 50.11
Model F test: Equal FMI — F(5, 50.1) = 425.12
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	.044922	.021833	2.06	0.045	.0010714	.0887726
SEX	-.3194893	.0467881	-6.83	0.000	-.4134609	-.2255178
c.poorsleep_2006#c.SEX	-.0144953	.0130136	-1.11	0.271	-.0406325	.0116419
AGE2006	.1050079	.0028217	37.21	0.000	.0993406	.1106753
SEX	0	(omitted)				
NonWhite	.0916187	.0476336	1.92	0.060	-.004051	.1872883

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,951

Number of strata = 52 — Population size = 22,747,247
Number of PSUs = 104 — Subpop. no. obs = 6,718
Subpop. size = 22,734,819
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 52
DF adjustment: Small sample — DF: min = 50.11
avg = 50.11
max = 50.11
Model F test: Equal FMI — F(5, 50.1) = 386.19
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.1280686	.0309748	4.13	0.000	.0658572	.19028
SEX	-.4233229	.0675606	-6.27	0.000	-.559015	-.2876308
c.lnhurd_odds#c.SEX	-.0236943	.0169476	-1.40	0.168	-.0577327	.0103442
AGE2006	.0838358	.0035165	23.84	0.000	.0767731	.0908985
SEX	0	(omitted)				
NonWhite	-.0589113	.0472906	-1.25	0.219	-.1538921	.0360695

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,951

Number of strata = 52 — Population size = 22,747,247
Number of PSUs = 104 — Subpop. no. obs = 6,718
Subpop. size = 22,734,819
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 52
DF adjustment: Small sample — DF: min = 50.11
avg = 50.11
max = 50.11
Model F test: Equal FMI — F(5, 50.1) = 376.12
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1581202	.0207232	7.63	0.000	.1164987	.1997418
SEX	-.3496959	.049594	-7.05	0.000	-.449303	-.2500889
c.lnexpert_odds#c.SEX	-.0045823	.0112415	-0.41	0.685	-.0271603	.0179957
AGE2006	.0705246	.003525	20.01	0.000	.0634448	.0776043
SEX	0	(omitted)				
NonWhite	-.1196765	.0478211	-2.50	0.016	-.2157229	-.0236302

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,951

Number of strata = 52 — Population size = 22,747,247
Number of PSUs = 104 — Subpop. no. obs = 6,718
Subpop. size = 22,734,819
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 52
DF adjustment: Small sample — DF: min = 50.11
avg = 50.11
max = 50.11
Model F test: Equal FMI — F(5, 50.1) = 393.11
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1894367	.023719	7.99	0.000	.1417983	.2370752
SEX	-.3728314	.0540638	-6.90	0.000	-.4814159	-.2642468
c.lnlasso_odds#c.SEX	.0028079	.0140071	0.20	0.842	-.0253246	.0309405
AGE2006	.0750775	.0032579	23.04	0.000	.0685342	.0816208
SEX	0	(omitted)				
NonWhite	-.0969545	.046205	-2.10	0.041	-.189755	-.0041541

```
370 .
371 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(sample_final): stcox c.`x'##c.SEX AGE2006 SEX NonWhite
      3.
372 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,951

Number of strata = 52 — Population size = 22,747,247
Number of PSUs = 104 — Subpop. no. obs = 6,718
Subpop. size = 22,734,819
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 52
DF adjustment: Small sample — DF: min = 50.11
avg = 50.11
max = 50.11
Model F test: Equal FMI — F(5, 50.1) = 424.41
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	.1461153	.0697006	2.10	0.041	.006125	.2861056
SEX	-.2699974	.0858751	-3.14	0.003	-.4424734	-.0975215
c.poorsleep_2006tert#c.SEX	-.047367	.0412996	-1.15	0.257	-.1303153	.0355813
AGE2006	.1049782	.0028274	37.13	0.000	.0992995	.1106568
SEX	0	(omitted)				
NonWhite	.0919479	.0477569	1.93	0.060	-.0039695	.1878654

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,951

Number of strata = 52 — Population size = 22,747,247
Number of PSUs = 104 — Subpop. no. obs = 6,718
Subpop. size = 22,734,819
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 52
DF adjustment: Small sample — DF: min = 50.11
avg = 50.11
max = 50.11
Model F test: Equal FMI — F(5, 50.1) = 409.09
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.7330311	.16196	4.53	0.000	.4077424	1.05832
SEX	-.3486697	.0314708	-11.08	0.000	-.4118772	-.2854621
c.hurd_dem#c.SEX	-.0361815	.1031658	-0.35	0.727	-.243385	.1710219
AGE2006	.0906515	.002754	32.92	0.000	.0851202	.0961828
SEX	0	(omitted)				
NonWhite	.0157077	.0468723	0.34	0.739	-.078433	.1098483

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,951

Number of strata = 52 — Population size = 22,747,247
Number of PSUs = 104 — Subpop. no. obs = 6,718
Subpop. size = 22,734,819
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 52
DF adjustment: Small sample — DF: min = 50.11
avg = 50.11
max = 50.11
Model F test: Equal FMI — F(5, 50.1) = 395.97
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.7494194	.1308546	5.73	0.000	.4866043	1.012234
SEX	-.3643991	.0344787	-10.57	0.000	-.4336478	-.2951504
c.expert_dem#c.SEX	-.011607	.0886159	-0.13	0.896	-.1895876	.1663736
AGE2006	.0914352	.0027457	33.30	0.000	.0859206	.0969498
SEX	0	(omitted)				
NonWhite	.0098817	.0508906	0.19	0.847	-.0923296	.1120929

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,951

Number of strata = 52 — Population size = 22,747,247
Number of PSUs = 104 — Subpop. no. obs = 6,718
Subpop. size = 22,734,819
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 52
DF adjustment: Small sample — DF: min = 50.11
avg = 50.11
max = 50.11
Model F test: Equal FMI — F(5, 50.1) = 409.65
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.8169124	.1342764	6.08	0.000	.5472248	1.0866
SEX	-.3543599	.0328938	-10.77	0.000	-.4204254	-.2882944
c.lasso_dem#c.SEX	-.0839612	.0906854	-0.93	0.359	-.2660984	.0981759
AGE2006	.0912352	.0028198	32.35	0.000	.0855717	.0968987
SEX	0	(omitted)				
NonWhite	-.0003091	.0504585	-0.01	0.995	-.1016525	.1010343

```
373 .
374 .
375 .
376 . ***MODEL 2****
377 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(sample_final): stcox c.`x'##c.SEX AGE2006 SEX NonWhite i.education  i.totwealth_200
> condbr_2006 cesd_2006
  3.
378 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0014
Largest FMI = 0.0117
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.55
avg = 50.07
max = 50.11
Model F test: **Equal FMI** — F(25, 50.1) = 96.50
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	.0054666	.0216499	0.25	0.802	-.0380166	.0489498
SEX	-.3551788	.0498557	-7.12	0.000	-.455313	-.2550447
c.poorsleep_2006#c.SEX	-.0242006	.0143904	-1.68	0.099	-.0531031	.004702
AGE2006	.095623	.0038648	24.74	0.000	.0878607	.1033853
SEX	0	(omitted)				
NonWhite	-.1664127	.0565907	-2.94	0.005	-.2800748	-.0527505
education						
2	-.1964789	.1148971	-1.71	0.093	-.4272444	.0342867
3	-.0407851	.0473488	-0.86	0.393	-.135883	.0543129
4	-.0834579	.0627518	-1.33	0.190	-.2094919	.0425761
5	-.1469415	.0577831	-2.54	0.014	-.2629963	-.0308867
totwealth_2006						
2	-.1049697	.0421028	-2.49	0.016	-.1895315	-.0204079
3	-.0096981	.1036729	-0.09	0.926	-.2179203	.198524
4	-.4433788	.3166281	-1.40	0.168	-1.07933	.1925723
5	-1.795657	1.075143	-1.67	0.101	-3.95503	.3637159
marital_2006						

2	-.1546587	.1096583	-1.41	0.165	-.3749023	.0655848
3	-.0561425	.1372155	-0.41	0.684	-.3317334	.2194484
4	-.0780949	.1121918	-0.70	0.490	-.3034268	.147237
work_st_2006	-.1304009	.053692	-2.43	0.019	-.2382388	-.022563
smoking_2006						
2	.2708191	.0424195	6.38	0.000	.1856212	.3560171
3	.6689711	.07067	9.47	0.000	.5269941	.8109482
physic_act_2006	-.1905619	.0248946	-7.65	0.000	-.240562	-.1405617
2.srh_2006	.3702115	.0446091	8.30	0.000	.2806151	.4598079
bmibr_2006						
2	-.2432585	.046851	-5.19	0.000	-.337357	-.14916
3	-.1787949	.0522243	-3.42	0.001	-.283685	-.0739047
cardiometcondbr_2006	.3155618	.032948	9.58	0.000	.2493873	.3817363
cesd_2006	.022117	.01129	1.96	0.056	-.0005588	.0447929

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0011
Largest FMI = 0.0083
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.75
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(25, 50.1) = 95.20
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0994623	.0267645	3.72	0.001	.0457069	.1532177
SEX	-.3871727	.0742534	-5.21	0.000	-.5363075	-.2380379
c.lnhurd_odds#c.SEX	-.000289	.015075	-0.02	0.985	-.0305666	.0299885
AGE2006	.0758364	.0045997	16.49	0.000	.0665981	.0850748
SEX	0	(omitted)				
NonWhite	-.2411396	.0566201	-4.26	0.000	-.3548603	-.1274188
education						
2	-.1935318	.1015131	-1.91	0.062	-.3974162	.0103526
3	-.0191763	.0480281	-0.40	0.691	-.1156386	.077286
4	-.049732	.0620676	-0.80	0.427	-.1743918	.0749278
5	-.0627743	.0574675	-1.09	0.280	-.1781953	.0526466
totwealth_2006						
2	-.0503734	.0425519	-1.18	0.242	-.1358371	.0350902
3	.0325063	.098314	0.33	0.742	-.1649528	.2299653
4	-.3787562	.2976276	-1.27	0.209	-.9765573	.2190448
5	-1.724215	1.109137	-1.55	0.126	-3.951862	.5034316
marital_2006						
2	-.1950194	.1111296	-1.75	0.085	-.4182178	.0281789
3	-.0633543	.1398909	-0.45	0.653	-.3443186	.2176099

4	-.0905165	.1134389	-0.80	0.429	-.318353	.13732
work_st_2006	-.0888723	.0511156	-1.74	0.088	-.1915356	.0137911
smoking_2006						
2	.2788815	.0425586	6.55	0.000	.1934038	.3643592
3	.6722892	.0841489	7.99	0.000	.5032498	.8413286
physic_act_2006	-.1684545	.0253518	-6.64	0.000	-.2193729	-.1175362
2.srh_2006	.322127	.0416383	7.74	0.000	.2384971	.4057568
bmibr_2006						
2	-.2160275	.0478448	-4.52	0.000	-.3121219	-.1199332
3	-.1369164	.0526748	-2.60	0.012	-.2427114	-.0311215
cardiometcondbr_2006	.2922271	.0357082	8.18	0.000	.220509	.3639453
cesd_2006	-.0032142	.0102174	-0.31	0.754	-.0237354	.0173071

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0012
Largest FMI = 0.0081
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.76
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(25, 50.1) = 93.41
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.0866515	.0248754	3.48	0.001	.0366903	.1366127
SEX	-.3500836	.0722876	-4.84	0.000	-.4952701	-.2048971
c.lnexpert_odds#c.SEX	.0087497	.0147074	0.59	0.555	-.0207895	.038289
AGE2006	.0758601	.004464	16.99	0.000	.0668944	.0848259
SEX	0	(omitted)				
NonWhite	-.2172205	.0558198	-3.89	0.000	-.329334	-.105107
education						
2	-.1541872	.0966274	-1.60	0.117	-.348259	.0398846
3	.0070687	.0476265	0.15	0.883	-.088587	.1027244
4	-.0329545	.0620583	-0.53	0.598	-.1575956	.0916865
5	-.0578595	.0587109	-0.99	0.329	-.1757776	.0600587
totwealth_2006						
2	-.0493505	.0419123	-1.18	0.245	-.1335297	.0348288
3	.0379537	.1010283	0.38	0.709	-.1649568	.2408642
4	-.3817682	.2998925	-1.27	0.209	-.9841212	.2205849
5	-1.738093	1.121064	-1.55	0.127	-3.989696	.513509
marital_2006						
2	-.1620786	.1104586	-1.47	0.149	-.3839294	.0597721
3	-.0506142	.1367585	-0.37	0.713	-.3252872	.2240587
4	-.0824534	.1128914	-0.73	0.469	-.3091904	.1442836

work_st_2006	-.101015	.0516879	-1.95	0.056	-.2048277	.0027977
smoking_2006						
2	.2894752	.0434957	6.66	0.000	.2021157	.3768347
3	.6615141	.0869214	7.61	0.000	.4869063	.8361219
physic_act_2006	-.1576493	.026226	-6.01	0.000	-.2103233	-.1049753
2.srh_2006	.3228374	.0414748	7.78	0.000	.2395358	.4061389
bmibr_2006						
2	-.2202523	.0488839	-4.51	0.000	-.3184335	-.1220711
3	-.1404071	.0551622	-2.55	0.014	-.2511977	-.0296164
cardiometcondbr_2006	.2757905	.0370087	7.45	0.000	.2014602	.3501208
cesd_2006	-.0046497	.0101348	-0.46	0.648	-.0250052	.0157058

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0013
Largest FMI = 0.0082
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.75
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(25, 50.1) = 92.42
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1391241	.0338306	4.11	0.000	.0711767	.2070715
SEX	-.4086221	.0770108	-5.31	0.000	-.5632948	-.2539493
c.lnlasso_odds#c.SEX	.0068756	.020575	0.33	0.740	-.0344483	.0481995
AGE2006	.0763574	.0043506	17.55	0.000	.0676195	.0850953
SEX	0	(omitted)				
NonWhite	-.2090955	.0553197	-3.78	0.000	-.3202048	-.0979862
education						
2	-.1279006	.0972266	-1.32	0.194	-.3231758	.0673745
3	.0359702	.0487618	0.74	0.464	-.0619656	.133906
4	.008414	.0628399	0.13	0.894	-.1177969	.134625
5	-.0130327	.0594032	-0.22	0.827	-.1323413	.106276
totwealth_2006						
2	-.0430385	.0418278	-1.03	0.308	-.127048	.0409711
3	.043781	.0983923	0.44	0.658	-.1538354	.2413973
4	-.37326	.2949871	-1.27	0.212	-.9657672	.2192472
5	-1.774014	1.110066	-1.60	0.116	-4.003528	.4554997
marital_2006						
2	-.1920797	.110722	-1.73	0.089	-.4144594	.0303001
3	-.0494578	.137476	-0.36	0.721	-.3255719	.2266563
4	-.0930838	.1134466	-0.82	0.416	-.3209359	.1347682
work_st_2006	-.0926978	.0503759	-1.84	0.072	-.1938754	.0084799

smoking_2006						
2	.2894338	.0430529	6.72	0.000	.2029635	.3759041
3	.6606414	.0878241	7.52	0.000	.4842195	.8370632
physic_act_2006	-.1562352	.0257211	-6.07	0.000	-.2078951	-.1045752
2.srh_2006	.3316024	.0422535	7.85	0.000	.246737	.4164678
bmibr_2006						
2	-.1923673	.0490031	-3.93	0.000	-.2907879	-.0939467
3	-.0809976	.0544713	-1.49	0.143	-.1904006	.0284055
cardiometcondbr_2006	.284877	.0370964	7.68	0.000	.2103708	.3593833
cesd_2006	-.0039833	.0098749	-0.40	0.688	-.0238168	.0158502

```
379 .
380 .
381 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(sample_final): stcox c.`x'##c.SEX AGE2006 SEX NonWhite i.education  i.totwealth_200
> condbr_2006 cesd_2006
  3.
382 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0013
Largest FMI = 0.0096
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.67
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(25, 50.1) = 86.68
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	.0664919	.0655417	1.01	0.315	-.0651479	.1981318
SEX	-.2636001	.0784495	-3.36	0.001	-.4211646	-.1060357
c.poorsleep_2006tert#c.SEX	-.0868178	.0402362	-2.16	0.036	-.167631	-.0060046
AGE2006	.0955726	.0039612	24.13	0.000	.0876168	.1035285
SEX	0	(omitted)				
NonWhite	-.1629567	.0564824	-2.89	0.006	-.2764013	-.0495122
education						
2	-.1986742	.1142295	-1.74	0.088	-.4280989	.0307505
3	-.0453777	.0470685	-0.96	0.340	-.1399126	.0491572
4	-.0879751	.0622525	-1.41	0.164	-.2130063	.0370562
5	-.1488219	.0574663	-2.59	0.013	-.2642402	-.0334035
totwealth_2006						
2	-.105777	.0419143	-2.52	0.015	-.1899603	-.0215937
3	-.0124093	.1030831	-0.12	0.905	-.2194468	.1946282
4	-.4510041	.3177171	-1.42	0.162	-1.089143	.1871343
5	-1.790628	1.077623	-1.66	0.103	-3.954982	.3737259
marital_2006						

2	-.1568175	.109847	-1.43	0.160	-.37744	.0638049
3	-.0565632	.1375171	-0.41	0.683	-.3327597	.2196333
4	-.0813997	.1127619	-0.72	0.474	-.3078766	.1450771
work_st_2006	-.1304266	.0532545	-2.45	0.018	-.2373858	-.0234674
smoking_2006						
2	.2700578	.0430707	6.27	0.000	.1835519	.3565637
3	.6619689	.0775593	8.53	0.000	.5061609	.817777
physic_act_2006	-.190807	.0247914	-7.70	0.000	-.2405998	-.1410141
2.srh_2006	.3638694	.0446096	8.16	0.000	.274272	.4534669
bmibr_2006						
2	-.240333	.0471962	-5.09	0.000	-.3351246	-.1455413
3	-.1791955	.0521263	-3.44	0.001	-.2838887	-.0745022
cardiometcondbr_2006	.3115034	.0342637	9.09	0.000	.2426863	.3803205
cesd_2006	.0174161	.0114222	1.52	0.134	-.0055252	.0403574

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0011
Largest FMI = 0.0083
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.75
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(25, 50.1) = 81.29
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.3488006	.1680342	2.08	0.043	.0113097	.6862916
SEX	-.433757	.0358932	-12.08	0.000	-.5058481	-.3616659
c.hurd_dem#c.SEX	.0315749	.1112564	0.28	0.778	-.1918793	.2550291
AGE2006	.0878875	.0040379	21.77	0.000	.0797774	.0959975
SEX	0	(omitted)				
NonWhite	-.1658805	.0572027	-2.90	0.006	-.2807714	-.0509895
education						
2	-.1692292	.1034672	-1.64	0.108	-.3770383	.0385798
3	-.0245392	.0479234	-0.51	0.611	-.1207912	.0717128
4	-.0687506	.0617703	-1.11	0.271	-.1928133	.0553121
5	-.1273579	.0565685	-2.25	0.029	-.2409733	-.0137426
totwealth_2006						
2	-.0729652	.0425065	-1.72	0.092	-.1583377	.0124072
3	.0079631	.1016092	0.08	0.938	-.1961141	.2120404
4	-.4276	.3126818	-1.37	0.178	-1.055627	.200427
5	-1.761132	1.069682	-1.65	0.106	-3.909536	.3872726
marital_2006						
2	-.1691813	.1104973	-1.53	0.132	-.3911098	.0527472
3	-.0335188	.1399414	-0.24	0.812	-.3145844	.2475467

4	-.06974	.1138841	-0.61	0.543	-.2984708	.1589908
work_st_2006	-.1374471	.0529097	-2.60	0.012	-.2437138	-.0311805
smoking_2006						
2	.2691595	.041449	6.49	0.000	.1859108	.3524081
3	.6654361	.0781819	8.51	0.000	.5083834	.8224888
physic_act_2006	-.1784978	.0258317	-6.91	0.000	-.23038	-.1266155
2.srh_2006	.3366114	.0430307	7.82	0.000	.250185	.4230378
bmibr_2006						
2	-.2205884	.0487907	-4.52	0.000	-.3185826	-.1225943
3	-.1475774	.0537429	-2.75	0.008	-.2555176	-.0396372
cardiometcondbr_2006	.3053095	.0357053	8.55	0.000	.2335971	.3770218
cesd_2006	.0000497	.0102582	0.00	0.996	-.0205536	.020653

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0013
Largest FMI = 0.0081
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.76
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(25, 50.1) = 91.80
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.4066965	.1684417	2.41	0.019	.0683868	.7450062
SEX	-.4319677	.0368051	-11.74	0.000	-.5058903	-.3580451
c.expert_dem#c.SEX	.0309727	.1188824	0.26	0.796	-.2077979	.2697434
AGE2006	.0889071	.0039299	22.62	0.000	.081014	.0968002
SEX	0	(omitted)				
NonWhite	-.1657818	.0577222	-2.87	0.006	-.2817159	-.0498477
education						
2	-.1815851	.1026074	-1.77	0.083	-.3876672	.0244971
3	-.0115008	.0451531	-0.25	0.800	-.1021888	.0791872
4	-.0598871	.0612018	-0.98	0.333	-.182808	.0630338
5	-.1099205	.0577655	-1.90	0.063	-.2259399	.006099
totwealth_2006						
2	-.082258	.0398185	-2.07	0.044	-.1622317	-.0022843
3	-.0012121	.1014867	-0.01	0.991	-.2050433	.2026191
4	-.4602947	.306953	-1.50	0.140	-1.076825	.156236
5	-1.767218	1.069976	-1.65	0.105	-3.916213	.3817774
marital_2006						
2	-.1620953	.111997	-1.45	0.154	-.3870359	.0628453
3	-.0384687	.1392257	-0.28	0.783	-.3180969	.2411596
4	-.0760212	.1146847	-0.66	0.510	-.3063598	.1543174

work_st_2006	-.1309838	.052263	-2.51	0.015	-.2359516	-.026016
smoking_2006						
2	.2828479	.0424964	6.66	0.000	.1974958	.3682001
3	.6741311	.0765571	8.81	0.000	.5203428	.8279194
physic_act_2006	-.1707025	.0252879	-6.75	0.000	-.2214925	-.1199125
2.srh_2006	.3384491	.0417044	8.12	0.000	.2546867	.4222116
bmibr_2006						
2	-.2235564	.0476538	-4.69	0.000	-.3192671	-.1278458
3	-.1415578	.0526751	-2.69	0.010	-.2473535	-.0357622
cardiometcondbr_2006	.296738	.0364181	8.15	0.000	.223594	.3698819
cesd_2006	-.0012945	.0106494	-0.12	0.904	-.0226836	.0200946

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0010
Largest FMI = 0.0063
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.85
avg = 50.09
max = 50.11
Model F test: **Equal FMI** — F(25, 50.1) = 91.93
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.6514274	.1721413	3.78	0.000	.3056876	.9971672
SEX	-.4214085	.036106	-11.67	0.000	-.4939268	-.3488901
c.lasso_dem#c.SEX	-.1429976	.1253031	-1.14	0.259	-.3946636	.1086684
AGE2006	.0882611	.0039024	22.62	0.000	.0804232	.096099
SEX	0	(omitted)				
NonWhite	-.1710155	.0566884	-3.02	0.004	-.284873	-.057158
education						
2	-.1732181	.1014821	-1.71	0.094	-.3770401	.0306039
3	-.0196792	.0482007	-0.41	0.685	-.1164881	.0771297
4	-.0570885	.0612627	-0.93	0.356	-.1801317	.0659547
5	-.1138935	.0569069	-2.00	0.051	-.2281884	.0004014
totwealth_2006						
2	-.0772223	.041679	-1.85	0.070	-.160933	.0064883
3	.0057676	.101345	0.06	0.955	-.1977791	.2093142
4	-.455693	.3038718	-1.50	0.140	-1.066033	.1546465
5	-1.757017	1.06837	-1.64	0.106	-3.902787	.3887519
marital_2006						
2	-.1664717	.1093816	-1.52	0.134	-.3861594	.0532161
3	-.0309335	.1351622	-0.23	0.820	-.3024002	.2405332
4	-.0788948	.1119419	-0.70	0.484	-.3037246	.1459351
work_st_2006	-.1342372	.0520222	-2.58	0.013	-.2387215	-.029753

smoking_2006						
2	.2681083	.0416397	6.44	0.000	.1844768	.3517398
3	.6274378	.0905428	6.93	0.000	.4455638	.8093117
physic_act_2006	-.1714608	.0247162	-6.94	0.000	-.2211026	-.1218191
2.srh_2006	.3474302	.0426315	8.15	0.000	.2618058	.4330546
bmibr_2006						
2	-.2143522	.0476724	-4.50	0.000	-.3101002	-.1186043
3	-.1275527	.0516597	-2.47	0.017	-.2313088	-.0237965
cardiometcondbr_2006	.2940425	.0377875	7.78	0.000	.2181481	.3699368
cesd_2006	.0026594	.0108661	0.24	0.808	-.0191648	.0244836

```
383 .
384 .
385 . ***MODEL 3: MODEL 2 + ALCOHOL (SENSITIVITY ANALYSIS)****
386 .
387 .
388 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(sample_final): stcox c.`x'##c.SEX AGE2006 SEX NonWhite i.education  i.totwealth_200
> condbr_2006 cesd_2006 alcohol_2006
  3.
389 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,368

Number of strata = 52 — Population size = 20,856,959
Number of PSUs = 104 — Subpop. no. obs = 6,135
Subpop. size = 20,844,531
Average RVI = 0.0016
Largest FMI = 0.0125
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.50
avg = 50.07
max = 50.11
Model F test: Equal FMI — F(26, 50.1) = 84.35
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	.0062433	.0219767	0.28	0.778	-.0378963	.0503829
SEX	-.3643876	.0499771	-7.29	0.000	-.4647657	-.2640095
c.poorsleep_2006#c.SEX	-.0249663	.0147293	-1.70	0.096	-.0545496	.004617
AGE2006	.0943899	.003903	24.18	0.000	.0865509	.1022289
SEX	0	(omitted)				
NonWhite	-.1793718	.0578906	-3.10	0.003	-.2956451	-.0630985
education						
2	-.2139288	.1192513	-1.79	0.079	-.4534396	.025582
3	-.0398852	.0462465	-0.86	0.393	-.1327694	.0529989
4	-.0834647	.0637216	-1.31	0.196	-.2114465	.044517
5	-.150939	.0614713	-2.46	0.018	-.2744012	-.0274768
totwealth_2006						
2	-.0977389	.0440271	-2.22	0.031	-.1861657	-.009312
3	.0443485	.1031308	0.43	0.669	-.1627851	.251482
4	-.4226232	.3102063	-1.36	0.179	-1.045677	.2004307

5	-1.807799	1.073647	-1.68	0.098	-3.964167	.3485682
marital_2006						
2	-.1931858	.1089484	-1.77	0.082	-.4120035	.0256318
3	-.0774531	.1340689	-0.58	0.566	-.3467242	.1918179
4	-.1168832	.1113482	-1.05	0.299	-.3405207	.1067542
work_st_2006	-.1325528	.0582582	-2.28	0.027	-.2495616	-.015544
smoking_2006						
2	.2858866	.0450985	6.34	0.000	.1953082	.376465
3	.6745678	.0671271	10.05	0.000	.5397053	.8094304
physic_act_2006	-.1812385	.0253669	-7.14	0.000	-.2321872	-.1302898
2.srh_2006	.3625149	.0435075	8.33	0.000	.275131	.4498988
bmibr_2006						
2	-.2361125	.0476937	-4.95	0.000	-.3319035	-.1403215
3	-.1686895	.0540243	-3.12	0.003	-.2771948	-.0601842
cardiometcondbr_2006	.3132971	.0344592	9.09	0.000	.2440875	.3825067
cesd_2006	.0243098	.0115679	2.10	0.041	.0010757	.0475438
alcohol_2006	-.0341167	.0156488	-2.18	0.034	-.0655471	-.0026864

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,368

Number of strata = 52 — Population size = 20,856,959
Number of PSUs = 104 — Subpop. no. obs = 6,135
Subpop. size = 20,844,531
Average RVI = 0.0016
Largest FMI = 0.0091
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.70
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(26, 50.1) = 83.38
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.1035556	.0276396	3.75	0.000	.0480425	.1590688
SEX	-.3956425	.0741341	-5.34	0.000	-.5445376	-.2467475
c.lnhurd_odds#c.SEX	-.0010645	.0153091	-0.07	0.945	-.0318123	.0296833
AGE2006	.0740527	.0045413	16.31	0.000	.0649316	.0831738
SEX	0	(omitted)				
NonWhite	-.2540877	.0579067	-4.39	0.000	-.3703926	-.1377827
education						
2	-.2020555	.1057617	-1.91	0.062	-.4144729	.0103619
3	-.0146964	.0474013	-0.31	0.758	-.1098997	.0805069
4	-.0486339	.0640345	-0.76	0.451	-.1772441	.0799763
5	-.0640628	.0601294	-1.07	0.292	-.1848299	.0567043
totwealth_2006						
2	-.0443315	.0456743	-0.97	0.336	-.1360666	.0474036
3	.0797941	.0989368	0.81	0.424	-.1189158	.2785041
4	-.3634444	.2912763	-1.25	0.218	-.9484914	.2216026
5	-1.733155	1.10741	-1.57	0.124	-3.957334	.4910245

marital_2006						
2	-.2419118	.1091505	-2.22	0.031	-.4611353	-.0226883
3	-.0926952	.1334294	-0.69	0.490	-.3606817	.1752913
4	-.1356762	.1126131	-1.20	0.234	-.3618542	.0905018
work_st_2006	-.0919077	.0560871	-1.64	0.108	-.2045561	.0207407
smoking_2006						
2	.2907216	.0452318	6.43	0.000	.1998752	.381568
3	.6786907	.0798272	8.50	0.000	.5183289	.8390525
physic_act_2006	-.1599523	.0257304	-6.22	0.000	-.2116309	-.1082736
2.srh_2006	.3144499	.0403075	7.80	0.000	.2334929	.3954069
bmibr_2006						
2	-.206748	.0485643	-4.26	0.000	-.3042873	-.1092086
3	-.1241374	.0545513	-2.28	0.027	-.2337012	-.0145737
cardiometcondbr_2006	.2890145	.0374731	7.71	0.000	.2137515	.3642775
cesd_2006	-.0007151	.0105163	-0.07	0.946	-.0218367	.0204065
alcohol_2006	-.0231448	.0149684	-1.55	0.128	-.0532084	.0069189

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,368

Number of strata = 52 — Population size = 20,856,959
Number of PSUs = 104 — Subpop. no. obs = 6,135
Subpop. size = 20,844,531
Average RVI = 0.0017
Largest FMI = 0.0088
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.72
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(26, 50.1) = 83.19
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.0913848	.0257296	3.55	0.001	.039708	.1430616
SEX	-.3582616	.0724013	-4.95	0.000	-.5036764	-.2128469
c.lnexpert_odds#c.SEX	.0077237	.0150021	0.51	0.609	-.0224075	.0378548
AGE2006	.0741257	.00445	16.66	0.000	.065188	.0830633
SEX	0	(omitted)				
NonWhite	-.2292903	.0572359	-4.01	0.000	-.3442481	-.1143325
education						
2	-.164016	.1001332	-1.64	0.108	-.3651288	.0370968
3	.0112489	.0470349	0.24	0.812	-.0832186	.1057164
4	-.0335133	.0634863	-0.53	0.600	-.1610224	.0939958
5	-.0611108	.0611188	-1.00	0.322	-.1838651	.0616435
totwealth_2006						
2	-.0414795	.044626	-0.93	0.357	-.1311091	.0481501
3	.0909992	.101194	0.90	0.373	-.1122444	.2942427
4	-.3647903	.2938613	-1.24	0.220	-.9550327	.2254521
5	-1.744759	1.119542	-1.56	0.125	-3.993305	.5037859

marital_2006						
2	-.2066201	.109944	-1.88	0.066	-.4274374	.0141971
3	-.0762943	.1322786	-0.58	0.567	-.3419695	.189381
4	-.1251572	.1133004	-1.10	0.275	-.3527155	.1024011
work_st_2006	-.1040005	.056491	-1.84	0.072	-.2174602	.0094591
smoking_2006						
2	.3005963	.046293	6.49	0.000	.2076189	.3935737
3	.6666838	.08333	8.00	0.000	.4992871	.8340804
physic_act_2006	-.1481494	.0266486	-5.56	0.000	-.2016722	-.0946266
2.srh_2006	.3157701	.040059	7.88	0.000	.2353121	.3962282
bmibr_2006						
2	-.2122207	.0497902	-4.26	0.000	-.3122221	-.1122193
3	-.126084	.0572966	-2.20	0.032	-.2411616	-.0110065
cardiometcondbr_2006	.2725496	.0385094	7.08	0.000	.1952054	.3498939
cesd_2006	-.0025962	.0102946	-0.25	0.802	-.0232725	.0180802
alcohol_2006	-.0205875	.0146709	-1.40	0.167	-.0500537	.0088786

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,368

Number of strata = 52 — Population size = 20,856,959
Number of PSUs = 104 — Subpop. no. obs = 6,135
Subpop. size = 20,844,531
Average RVI = 0.0016
Largest FMI = 0.0091
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.70
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(26, 50.1) = 81.85
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1423438	.0351639	4.05	0.000	.0717184	.2129691
SEX	-.413069	.0772385	-5.35	0.000	-.5681991	-.2579388
c.lnlasso_odds#c.SEX	.006728	.0212222	0.32	0.753	-.0358959	.0493519
AGE2006	.0748615	.0043408	17.25	0.000	.0661433	.0835798
SEX	0	(omitted)				
NonWhite	-.2198369	.0568847	-3.86	0.000	-.3340896	-.1055843
education						
2	-.1364571	.1008557	-1.35	0.182	-.3390209	.0661068
3	.0397003	.0485821	0.82	0.418	-.0578745	.1372752
4	.0065311	.0644021	0.10	0.920	-.1228174	.1358797
5	-.0196632	.0618644	-0.32	0.752	-.1439151	.1045886
totwealth_2006						
2	-.0387177	.0448793	-0.86	0.392	-.1288561	.0514206
3	.0863856	.0990579	0.87	0.387	-.1125677	.2853388
4	-.3626325	.2897014	-1.25	0.216	-.9445257	.2192607
5	-1.779493	1.107666	-1.61	0.114	-4.004186	.4451992
marital_2006						

2	-.2365016	.1091714	-2.17	0.035	-.4557671	-.0172361
3	-.0772015	.1322265	-0.58	0.562	-.3427721	.1883692
4	-.1353243	.1128438	-1.20	0.236	-.3619656	.0913171
work_st_2006	-.0962588	.0546251	-1.76	0.084	-.2059709	.0134532
smoking_2006						
2	.2981647	.0461332	6.46	0.000	.2055081	.3908213
3	.6625251	.0837636	7.91	0.000	.4942556	.8307945
physic_act_2006	-.1489379	.026196	-5.69	0.000	-.2015518	-.096324
2.srh_2006	.3252624	.0409112	7.95	0.000	.2430929	.4074319
bmibr_2006						
2	-.1839466	.0498804	-3.69	0.001	-.2841292	-.083764
3	-.0656634	.0564005	-1.16	0.250	-.1789412	.0476144
cardiometcondbr_2006	.282601	.038626	7.32	0.000	.2050224	.3601795
cesd_2006	-.0019702	.0100919	-0.20	0.846	-.0222395	.0182991
alcohol_2006	-.0126655	.0144916	-0.87	0.386	-.0417717	.0164406

```
390 .
391 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(sample_final): stcox c.`x'##c.SEX AGE2006 SEX NonWhite i.education  i.totwealth_200
> condbr_2006 cesd_2006 alcohol_2006
  3.
392 . }
```

Multiple-imputation estimates — Imputations = **5**
Survey: Cox regression — Number of obs = **6,368**

Number of strata = **52** — Population size = **20,856,959**
Number of PSUs = **104** — Subpop. no. obs = **6,135**
Subpop. size = **20,844,531**
Average RVI = **0.0016**
Largest FMI = **0.0102**
Complete DF = **52**
DF adjustment: **Small sample** — DF: min = **49.64**
avg = **50.08**
max = **50.11**
Model F test: **Equal FMI** — F(**26**, **50.1**) = **73.20**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	.0658845	.066097	1.00	0.324	-.0668707	.1986397
SEX	-.2720104	.0794041	-3.43	0.001	-.4314924	-.1125285
c.poorsleep_2006tert#c.SEX	-.0880731	.0407829	-2.16	0.036	-.1699845	-.0061616
AGE2006	.0943521	.0040044	23.56	0.000	.0863094	.1023948
SEX	0	(omitted)				
NonWhite	-.1763958	.0577193	-3.06	0.004	-.2923249	-.0604667
education						
2	-.215191	.1187513	-1.81	0.076	-.4536975	.0233155
3	-.0447089	.0460348	-0.97	0.336	-.1371679	.04775
4	-.0881439	.0633014	-1.39	0.170	-.2152818	.038994
5	-.1529861	.061241	-2.50	0.016	-.2759857	-.0299864
totwealth_2006						

2	-.0986542	.0438535	-2.25	0.029	-.1867323	-.0105762
3	.0424798	.1023869	0.41	0.680	-.1631596	.2481192
4	-.4302861	.3112256	-1.38	0.173	-1.055387	.1948152
5	-1.802802	1.076001	-1.68	0.100	-3.963898	.3582941
marital_2006						
2	-.1942241	.1089609	-1.78	0.081	-.4130668	.0246186
3	-.0766462	.1340651	-0.57	0.570	-.3459095	.1926171
4	-.1192944	.1116549	-1.07	0.290	-.3435478	.1049591
work_st_2006	-.1328923	.0578746	-2.30	0.026	-.2491306	-.0166539
smoking_2006						
2	.2850718	.045884	6.21	0.000	.1929159	.3772278
3	.6674484	.0739573	9.02	0.000	.5188739	.8160229
physic_act_2006	-.1813888	.0252384	-7.19	0.000	-.2320794	-.1306982
2.srh_2006	.3564794	.0434969	8.20	0.000	.2691169	.443842
bmibr_2006						
2	-.2330967	.0480337	-4.85	0.000	-.3295704	-.136623
3	-.1687297	.0539194	-3.13	0.003	-.2770244	-.060435
cardiometcondbr_2006	.3093126	.0357721	8.65	0.000	.2374661	.3811591
cesd_2006	.0197421	.0117712	1.68	0.100	-.0039002	.0433844
alcohol_2006	-.0339993	.0156606	-2.17	0.035	-.0654534	-.0025453

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,368

Number of strata = 52 — Population size = 20,856,959
Number of PSUs = 104 — Subpop. no. obs = 6,135
Subpop. size = 20,844,531
Average RVI = 0.0014
Largest FMI = 0.0088
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.72
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(26, 50.1) = 69.92
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.3772098	.1653791	2.28	0.027	.0450513	.7093682
SEX	-.4442286	.0351637	-12.63	0.000	-.5148548	-.3736025
c.hurd_dem#c.SEX	.0236123	.112602	0.21	0.835	-.2025446	.2497691
AGE2006	.0862211	.0040611	21.23	0.000	.0780645	.0943778
SEX	0	(omitted)				
NonWhite	-.178707	.0584661	-3.06	0.004	-.2961355	-.0612784
education						
2	-.1826249	.1068202	-1.71	0.094	-.3971683	.0319185
3	-.0203644	.046973	-0.43	0.666	-.1147076	.0739788
4	-.0663466	.0631312	-1.05	0.298	-.1931425	.0604494
5	-.127808	.0605659	-2.11	0.040	-.2494518	-.0061642
totwealth_2006						
2	-.0644796	.0445541	-1.45	0.154	-.1539648	.0250056

3	.0606171	.1009567	0.60	0.551	-.1421498	.2633841
4	-.4072964	.3053999	-1.33	0.188	-1.020699	.2061062
5	-1.776455	1.068318	-1.66	0.103	-3.922118	.3692084
marital_2006						
2	-.212979	.1077421	-1.98	0.054	-.4293738	.0034158
3	-.0574075	.1336417	-0.43	0.669	-.3258205	.2110055
4	-.1119725	.1115055	-1.00	0.320	-.3359259	.1119809
work_st_2006	-.1408952	.0569639	-2.47	0.017	-.2553044	-.026486
smoking_2006						
2	.2837035	.0447384	6.34	0.000	.1938485	.3735584
3	.6726438	.0745134	9.03	0.000	.5229583	.8223294
physic_act_2006	-.1693662	.0262485	-6.45	0.000	-.2220854	-.1166469
2.srh_2006	.3258444	.0416576	7.82	0.000	.2421759	.4095129
bmibr_2006						
2	-.2139023	.0492584	-4.34	0.000	-.3128358	-.1149688
3	-.1383927	.0557139	-2.48	0.016	-.2502915	-.0264939
cardiometcondbr_2006	.3032442	.0371951	8.15	0.000	.2285397	.3779488
cesd_2006	.0022651	.010575	0.21	0.831	-.0189745	.0235047
alcohol_2006	-.0350571	.0158249	-2.22	0.031	-.0668411	-.0032732

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,368

Number of strata = 52 — Population size = 20,856,959
Number of PSUs = 104 — Subpop. no. obs = 6,135
Subpop. size = 20,844,531
Average RVI = 0.0015
Largest FMI = 0.0086
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.73
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(26, 50.1) = 82.93
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.4326605	.1676921	2.58	0.013	.0958559	.7694651
SEX	-.4408927	.0361108	-12.21	0.000	-.513421	-.3683644
c.expert_dem#c.SEX	.021984	.1190363	0.18	0.854	-.217096	.2610639
AGE2006	.0874346	.0039484	22.14	0.000	.0795045	.0953648
SEX	0	(omitted)				
NonWhite	-.1777065	.0592086	-3.00	0.004	-.2966261	-.0587869
education						
2	-.1967796	.1061268	-1.85	0.070	-.4099303	.016371
3	-.0087767	.0440012	-0.20	0.843	-.0971513	.0795979
4	-.0593681	.0625434	-0.95	0.347	-.1849835	.0662473
5	-.1118845	.0613968	-1.82	0.074	-.2351971	.011428
totwealth_2006						
2	-.0720772	.0417357	-1.73	0.090	-.1559016	.0117472
3	.0552953	.1011707	0.55	0.587	-.1479014	.2584919

4	-.4388317	.29987	-1.46	0.150	-1.04114	.1634765
5	-1.781163	1.06849	-1.67	0.102	-3.927172	.3648455
marital_2006						
2	-.1975233	.1118699	-1.77	0.084	-.4222086	.027162
3	-.0538799	.1368215	-0.39	0.695	-.3286792	.2209194
4	-.1099247	.1144286	-0.96	0.341	-.3397491	.1198996
work_st_2006	-.1343082	.0563239	-2.38	0.021	-.247432	-.0211843
smoking_2006						
2	.2987952	.0449581	6.65	0.000	.2084989	.3890915
3	.6824069	.0726171	9.40	0.000	.5365313	.8282825
physic_act_2006	-.1606888	.0255277	-6.29	0.000	-.2119605	-.1094172
2.srh_2006	.3279673	.0405285	8.09	0.000	.2465666	.4093679
bmibr_2006						
2	-.2163255	.0483492	-4.47	0.000	-.3134329	-.119218
3	-.1316384	.0545914	-2.41	0.020	-.2412828	-.021994
cardiometcondbr_2006	.2941597	.0378324	7.78	0.000	.218175	.3701444
cesd_2006	.0006724	.010756	0.06	0.950	-.0209307	.0222754
alcohol_2006	-.035274	.0149238	-2.36	0.022	-.0652482	-.0052998

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,368

Number of strata = 52 — Population size = 20,856,959
Number of PSUs = 104 — Subpop. no. obs = 6,135
Subpop. size = 20,844,531
Average RVI = 0.0013
Largest FMI = 0.0066
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.84
avg = 50.09
max = 50.11
Model F test: Equal FMI — F(26, 50.1) = 85.97
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.6136503	.1752678	3.50	0.001	.2616309	.9656697
SEX	-.4329088	.0358675	-12.07	0.000	-.5049484	-.3608692
c.lasso_dem#c.SEX	-.120179	.1286775	-0.93	0.355	-.3786224	.1382644
AGE2006	.0869751	.0039361	22.10	0.000	.0790696	.0948806
SEX	0	(omitted)				
NonWhite	-.1841685	.0586188	-3.14	0.003	-.3019033	-.0664337
education						
2	-.1866717	.1053106	-1.77	0.082	-.398183	.0248396
3	-.0174708	.0476108	-0.37	0.715	-.1130951	.0781534
4	-.0584156	.0619637	-0.94	0.350	-.1828668	.0660355
5	-.1197341	.0600771	-1.99	0.052	-.2403961	.0009278
totwealth_2006						
2	-.0699491	.0440133	-1.59	0.118	-.158348	.0184498
3	.0566788	.1013135	0.56	0.578	-.1468046	.2601622
4	-.4365908	.2977747	-1.47	0.149	-1.034686	.1615049

5	-1.768298	1.066754	-1.66	0.104	-3.910821	.374226
marital_2006						
2	-.204994	.109301	-1.88	0.067	-.4245197	.0145317
3	-.0536245	.1324541	-0.40	0.687	-.3196522	.2124032
4	-.1172342	.1114772	-1.05	0.298	-.3411308	.1066624
work_st_2006	-.1369319	.0559499	-2.45	0.018	-.2493048	-.0245591
smoking_2006						
2	.2826168	.0448765	6.30	0.000	.1924844	.3727493
3	.6325253	.0878469	7.20	0.000	.4560657	.8089849
physic_act_2006	-.1633616	.0252271	-6.48	0.000	-.2140295	-.1126937
2.srh_2006	.3391825	.0414547	8.18	0.000	.2559217	.4224433
bmibr_2006						
2	-.2070722	.048235	-4.29	0.000	-.3039501	-.1101942
3	-.1163474	.053244	-2.19	0.034	-.2232856	-.0094091
cardiometcondbr_2006	.2907447	.0392335	7.41	0.000	.211946	.3695434
cesd_2006	.0043352	.0111658	0.39	0.699	-.0180909	.0267614
alcohol_2006	-.0303533	.0153202	-1.98	0.053	-.0611235	.0004169

```
393 .
394 .
395 .
396 .
397 .
398 . ****************INTERACTION BY RACE*********
399 .
400 .
401 . ***MODEL 1****
402 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(sample_final): stcox c.`x'##NonWhite AGE2006 SEX
  3.
403 . }
```

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      6,951

Number of strata  =        52                 Population size   =  22,747,247
Number of PSUs    =       104                 Subpop. no. obs   =      6,718
                                              Subpop. size      =  22,734,819
                                              Average RVI       =     0.0000
                                              Largest FMI       =     0.0000
                                              Complete DF       =         52
DF adjustment:   Small sample                 DF:     min       =      50.11
                                                      avg       =      50.11
                                                      max       =      50.11
Model F test:       Equal FMI                 F(   5,   50.1)   =     417.12
Within VCE type:   Linearized                 Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	.0267627	.0071482	3.74	0.000	.012406	.0411195
1.NonWhite	.1893096	.0599252	3.16	0.003	.0689527	.3096665
NonWhite#c.poorsleep_2006						
1	-.0359546	.0150287	-2.39	0.021	-.0661389	-.0057702
AGE2006	.1049186	.00284	36.94	0.000	.0992145	.1106227
SEX	-.3598355	.0322688	-11.15	0.000	-.4246459	-.2950252

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,951

Number of strata = 52 — Population size = 22,747,247
Number of PSUs = 104 — Subpop. no. obs = 6,718
Subpop. size = 22,734,819
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 52
DF adjustment: Small sample — DF: min = 50.11
avg = 50.11
max = 50.11
Model F test: Equal FMI — F(5, 50.1) = 399.80
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0866477	.0107187	8.08	0.000	.0651196	.1081757
1.NonWhite	-.0659535	.0679165	-0.97	0.336	-.2023605	.0704535
NonWhite#c.lnhurd_odds						
1	-.0090575	.0168962	-0.54	0.594	-.0429927	.0248777
AGE2006	.084389	.0035464	23.80	0.000	.0772662	.0915118
SEX	-.3416237	.0307687	-11.10	0.000	-.403421	-.2798263

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,951

Number of strata = 52 — Population size = 22,747,247
Number of PSUs = 104 — Subpop. no. obs = 6,718
Subpop. size = 22,734,819
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 52
DF adjustment: Small sample — DF: min = 50.11
avg = 50.11
max = 50.11
Model F test: Equal FMI — F(5, 50.1) = 376.99
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1569767	.0092663	16.94	0.000	.1383658	.1755876
1.NonWhite	-.2277484	.0562616	-4.05	0.000	-.3407469	-.1147498
NonWhite#c.lnexpert_odds						
1	-.0436294	.0123667	-3.53	0.001	-.0684674	-.0187915
AGE2006	.0703594	.0035159	20.01	0.000	.0632979	.077421
SEX	-.3319347	.0315272	-10.53	0.000	-.3952556	-.2686138

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,951

Number of strata = 52 — Population size = 22,747,247
Number of PSUs = 104 — Subpop. no. obs = 6,718
Subpop. size = 22,734,819
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 52
DF adjustment: Small sample — DF: min = 50.11
avg = 50.11
max = 50.11
Model F test: Equal FMI — F(5, 50.1) = 398.34
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1987388	.0113494	17.51	0.000	.175944	.2215335
1.NonWhite	-.1694302	.0532793	-3.18	0.003	-.2764391	-.0624214
NonWhite#c.lnlasso_odds						
1	-.0362321	.0160171	-2.26	0.028	-.0684017	-.0040625
AGE2006	.075193	.0032431	23.19	0.000	.0686794	.0817067
SEX	-.3799381	.0322147	-11.79	0.000	-.4446398	-.3152364

```
404 .
405 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(sample_final): stcox c.`x'##NonWhite AGE2006 SEX
      3.
406 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,951

Number of strata = 52 — Population size = 22,747,247
Number of PSUs = 104 — Subpop. no. obs = 6,718
Subpop. size = 22,734,819
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 52
DF adjustment: Small sample — DF: min = 50.11
avg = 50.11
max = 50.11
Model F test: Equal FMI — F(5, 50.1) = 420.10
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	.0883852	.0228784	3.86	0.000	.0424351	.1343353
1.NonWhite	.3094768	.0950112	3.26	0.002	.1186514	.5003021
NonWhite#c.poorsleep_2006tert						
1	-.1171612	.0475379	-2.46	0.017	-.2126387	-.0216836
AGE2006	.1049122	.0028381	36.97	0.000	.099212	.1106124
SEX	-.3599254	.0325822	-11.05	0.000	-.4253651	-.2944857

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,951

Number of strata = 52 — Population size = 22,747,247
Number of PSUs = 104 — Subpop. no. obs = 6,718
Subpop. size = 22,734,819
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 52
DF adjustment: Small sample — DF: min = 50.11
avg = 50.11
max = 50.11
Model F test: Equal FMI — F(5, 50.1) = 421.34
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.7203199	.0577257	12.48	0.000	.6043806	.8362592
1.NonWhite	.0830768	.0504176	1.65	0.106	-.0181845	.1843381
NonWhite#c.hurd_dem						
1	-.266193	.1020142	-2.61	0.012	-.4710835	-.0613026
AGE2006	.0908217	.0027131	33.48	0.000	.0853725	.0962708
SEX	-.3540419	.0335794	-10.54	0.000	-.4214846	-.2865993

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,951

Number of strata = 52 — Population size = 22,747,247
Number of PSUs = 104 — Subpop. no. obs = 6,718
Subpop. size = 22,734,819
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 52
DF adjustment: Small sample — DF: min = 50.11
avg = 50.11
max = 50.11
Model F test: Equal FMI — F(5, 50.1) = 397.66
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.7579562	.0621188	12.20	0.000	.6331937	.8827186
1.NonWhite	.0508833	.0504047	1.01	0.318	-.0503521	.1521186
NonWhite#c.expert_dem						
1	-.151415	.105082	-1.44	0.156	-.3624671	.0596371
AGE2006	.0913589	.0027441	33.29	0.000	.0858474	.0968703
SEX	-.3665268	.0307796	-11.91	0.000	-.428346	-.3047075

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,951

Number of strata = 52 — Population size = 22,747,247
Number of PSUs = 104 — Subpop. no. obs = 6,718
Subpop. size = 22,734,819
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 52
DF adjustment: Small sample — DF: min = 50.11
avg = 50.11
max = 50.11
Model F test: Equal FMI — F(5, 50.1) = 416.78
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.7126638	.0634268	11.24	0.000	.5852743	.8400533
1.NonWhite	.0512525	.0508993	1.01	0.319	-.0509762	.1534813
NonWhite#c.lasso_dem						
1	-.1780976	.0958179	-1.86	0.069	-.3705431	.0143479
AGE2006	.0912003	.0027762	32.85	0.000	.0856245	.0967761
SEX	-.3696619	.0322422	-11.47	0.000	-.4344188	-.3049049

```
407 .
408 .
409 .
410 . ***MODEL 2****
411 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(sample_final): stcox c.`x'##NonWhite AGE2006 SEX  i.education  i.totwealth_2006 i.m
> r_2006 cesd_2006
  3.
412 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0016
		Largest FMI	= 0.0124
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.51
		avg	= 50.07
		max	= 50.11
Model F test:	Equal FMI	F(25, 50.1)	= 100.28
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.0274492	.0103575	-2.65	0.011	-.0482517	-.0066467
1.NonWhite	-.0344614	.0832057	-0.41	0.681	-.2015818	.132659
NonWhite#c.poorsleep_2006						
1	-.0487953	.0221857	-2.20	0.032	-.0933547	-.0042358
AGE2006	.0954164	.0039001	24.47	0.000	.0875832	.1032496
SEX	-.4219492	.0362793	-11.63	0.000	-.4948154	-.349083
education						
2	-.1921154	.1137871	-1.69	0.098	-.4206517	.0364208
3	-.0409339	.0473693	-0.86	0.392	-.136073	.0542052
4	-.0851312	.0625245	-1.36	0.179	-.2107088	.0404464
5	-.1460878	.0575272	-2.54	0.014	-.2616286	-.030547
totwealth_2006						
2	-.101434	.0420061	-2.41	0.019	-.1858017	-.0170662
3	-.007046	.103133	-0.07	0.946	-.2141838	.2000918
4	-.4350797	.3160092	-1.38	0.175	-1.069787	.1996279
5	-1.782924	1.067125	-1.67	0.101	-3.926192	.3603434
marital_2006						
2	-.1557446	.1079673	-1.44	0.155	-.3725918	.0611026
3	-.0551573	.1363185	-0.40	0.687	-.3289466	.218632
4	-.0770824	.1108376	-0.70	0.490	-.2996945	.1455296
work_st_2006	-.1319492	.0536038	-2.46	0.017	-.2396099	-.0242885
smoking_2006						
2	.2694579	.0422644	6.38	0.000	.1845714	.3543445
3	.6609754	.0736045	8.98	0.000	.5131001	.8088507
physic_act_2006	-.1896692	.0248854	-7.62	0.000	-.2396508	-.1396877
2.srh_2006	.3721763	.044978	8.27	0.000	.2818388	.4625137
bmibr_2006						
2	-.2422497	.0470438	-5.15	0.000	-.3367353	-.147764
3	-.1782245	.0518875	-3.43	0.001	-.2824381	-.0740109
cardiometcondbr_2006	.3143371	.0336829	9.33	0.000	.2466866	.3819877
cesd_2006	.0227355	.0116042	1.96	0.056	-.0005714	.0460425

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0013
		Largest FMI	= 0.0087
		Complete DF	= 52
DF adjustment:	**Small sample**	DF: min	= 49.72
		avg	= 50.08
		max	= 50.11
Model F test:	**Equal FMI**	F(25, 50.1)	= 94.67
Within VCE type:	**Linearized**	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.1032405	.0101416	10.18	0.000	.0828716	.1236094
1.NonWhite	-.3420695	.0798195	-4.29	0.000	-.5023831	-.1817558
NonWhite#c.lnhurd_odds						
1	-.035657	.0169556	-2.10	0.041	-.0697121	-.001602
AGE2006	.0758803	.004597	16.51	0.000	.0666473	.0851132
SEX	-.3842224	.0348523	-11.02	0.000	-.4542223	-.3142224
education						
2	-.195461	.1016154	-1.92	0.060	-.3995509	.008629
3	-.0217199	.0476768	-0.46	0.651	-.1174766	.0740368
4	-.0533516	.0618362	-0.86	0.392	-.1775466	.0708435
5	-.0624231	.0563438	-1.11	0.273	-.1755873	.050741
totwealth_2006						
2	-.0496908	.0425952	-1.17	0.249	-.1352414	.0358598
3	.0358667	.0980707	0.37	0.716	-.1611036	.232837
4	-.3723796	.2978453	-1.25	0.217	-.9706185	.2258592
5	-1.722565	1.105254	-1.56	0.125	-3.942413	.4972831
marital_2006						
2	-.2010956	.1113472	-1.81	0.077	-.4247311	.0225399
3	-.0705095	.140743	-0.50	0.619	-.3531851	.2121661
4	-.0955506	.1140883	-0.84	0.406	-.3246915	.1335903
work_st_2006	-.0876592	.0507763	-1.73	0.090	-.1896411	.0143227
smoking_2006						
2	.279624	.0423439	6.60	0.000	.1945774	.3646706
3	.6745879	.0846005	7.97	0.000	.5046394	.8445363
physic_act_2006	-.1676171	.0254305	-6.59	0.000	-.2186934	-.1165408
2.srh_2006	.3215833	.0420559	7.65	0.000	.2371147	.406052
bmibr_2006						
2	-.2149604	.0481246	-4.47	0.000	-.3116166	-.1183043
3	-.137245	.0528364	-2.60	0.012	-.2433645	-.0311255
cardiometcondbr_2006	.2915798	.035834	8.14	0.000	.219609	.3635506
cesd_2006	-.0032254	.010249	-0.31	0.754	-.0238102	.0173594

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0013
		Largest FMI	= 0.0085
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.74
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(25, 50.1)	= 90.25
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1089855	.0090761	12.01	0.000	.0907566	.1272144
1.NonWhite	-.3661573	.0765126	-4.79	0.000	-.5198296	-.2124849
NonWhite#c.lnexpert_odds						
1	-.0525735	.0160384	-3.28	0.002	-.0847861	-.0203608
AGE2006	.0755308	.0044054	17.15	0.000	.0666827	.0843788
SEX	-.3770785	.0352501	-10.70	0.000	-.4478775	-.3062795
education						
2	-.1517643	.0967628	-1.57	0.123	-.3461081	.0425794
3	.0080733	.0468455	0.17	0.864	-.0860138	.1021603
4	-.034804	.0615945	-0.57	0.575	-.1585136	.0889056
5	-.0514471	.0574469	-0.90	0.375	-.1668266	.0639323
totwealth_2006						
2	-.0484599	.0419075	-1.16	0.253	-.1326296	.0357098
3	.0471589	.10034	0.47	0.640	-.1543693	.248687
4	-.3647881	.2996097	-1.22	0.229	-.9665749	.2369988
5	-1.734689	1.115913	-1.55	0.126	-3.975946	.5065684
marital_2006						
2	-.1770031	.1100432	-1.61	0.114	-.3980195	.0440133
3	-.0678529	.1372609	-0.49	0.623	-.3435349	.2078291
4	-.0945393	.1127051	-0.84	0.406	-.320902	.1318234
work_st_2006	-.0970783	.0514435	-1.89	0.065	-.2004002	.0062437
smoking_2006						
2	.2897616	.0434648	6.67	0.000	.2024639	.3770592
3	.6603664	.0875436	7.54	0.000	.4845067	.8362262
physic_act_2006	-.1555758	.0262069	-5.94	0.000	-.2082117	-.10294
2.srh_2006	.3253676	.0422781	7.70	0.000	.2404526	.4102826
bmibr_2006						
2	-.2192498	.0494962	-4.43	0.000	-.3186609	-.1198388
3	-.1401394	.0551531	-2.54	0.014	-.2509118	-.029367
cardiometcondbr_2006	.274241	.0370672	7.40	0.000	.1997933	.3486888
cesd_2006	-.0050686	.010191	-0.50	0.621	-.0255369	.0153997

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,601

Number of strata	= 52	Population size	= 21,648,399
Number of PSUs	= 104	Subpop. no. obs	= 6,368
		Subpop. size	= 21,635,971
		Average RVI	= 0.0013
		Largest FMI	= 0.0082
		Complete DF	= 52
DF adjustment:	Small sample	DF: min	= 49.75
		avg	= 50.08
		max	= 50.11
Model F test:	Equal FMI	F(25, 50.1)	= 89.11
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1559303	.013454	11.59	0.000	.1289086	.1829521
1.NonWhite	-.3122904	.0815913	-3.83	0.000	-.4761634	-.1484175
NonWhite#c.lnlasso_odds						
1	-.0444202	.0219287	-2.03	0.048	-.088463	-.0003774
AGE2006	.0764312	.0043644	17.51	0.000	.0676654	.085197
SEX	-.4264001	.0352007	-12.11	0.000	-.4970998	-.3557005
education						
2	-.1277165	.0972828	-1.31	0.195	-.3231046	.0676717
3	.0357601	.0481832	0.74	0.461	-.0610136	.1325338
4	.0063121	.0627111	0.10	0.920	-.1196402	.1322644
5	-.0096131	.0583643	-0.16	0.870	-.1268353	.1076091
totwealth_2006						
2	-.0432699	.0419453	-1.03	0.307	-.1275153	.0409756
3	.0485763	.0977021	0.50	0.621	-.1476537	.2448064
4	-.3638882	.2954653	-1.23	0.224	-.9573571	.2295807
5	-1.772144	1.108392	-1.60	0.116	-3.998296	.454008
marital_2006						
2	-.199799	.1115805	-1.79	0.079	-.4239031	.0243051
3	-.0599156	.1392879	-0.43	0.669	-.3396686	.2198373
4	-.0995772	.1143494	-0.87	0.388	-.3292424	.130088
work_st_2006	-.0913816	.0501112	-1.82	0.074	-.1920276	.0092644
smoking_2006						
2	.289671	.0430451	6.73	0.000	.2032163	.3761257
3	.6622106	.0884389	7.49	0.000	.4845536	.8398675
physic_act_2006	-.1551895	.0257334	-6.03	0.000	-.2068743	-.1035048
2.srh_2006	.3314543	.0427546	7.75	0.000	.2455822	.4173263
bmibr_2006						
2	-.1912171	.0491384	-3.89	0.000	-.2899095	-.0925247
3	-.0810524	.0544595	-1.49	0.143	-.1904317	.0283269
cardiometcondbr_2006	.2840637	.0370681	7.66	0.000	.2096143	.3585132
cesd_2006	-.0042419	.0099201	-0.43	0.671	-.0241661	.0156824

```
413 .
414 .
415 .
416 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(sample_final): stcox c.`x'##NonWhite AGE2006 SEX  i.education  i.totwealth_2006 i.m
> r_2006 cesd_2006
  3.
417 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0015
Largest FMI = 0.0112
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.58
avg = 50.07
max = 50.11
Model F test: Equal FMI — F(25, 50.1) = 95.37
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0503727	.0294729	-1.71	0.094	-.1095678	.0088224
1.NonWhite	.1095227	.1389872	0.79	0.434	-.1696399	.3886854
NonWhite#c.poorsleep_2006tert						
1	-.1466533	.0685307	-2.14	0.037	-.2842981	-.0090084
AGE2006	.0954393	.0039996	23.86	0.000	.0874062	.1034724
SEX	-.426458	.0363564	-11.73	0.000	-.499479	-.353437
education						
2	-.1897398	.1126725	-1.68	0.098	-.4160374	.0365577
3	-.0445452	.0473182	-0.94	0.351	-.1395817	.0504914
4	-.0885497	.0624016	-1.42	0.162	-.2138804	.036781
5	-.1480962	.0572322	-2.59	0.013	-.2630446	-.0331479
totwealth_2006						
2	-.1009143	.0421095	-2.40	0.020	-.1854896	-.016339
3	-.0097637	.1026653	-0.10	0.925	-.2159622	.1964348
4	-.4427092	.3164672	-1.40	0.168	-1.078337	.192919
5	-1.775452	1.064236	-1.67	0.101	-3.912918	.362015
marital_2006						
2	-.16274	.1081133	-1.51	0.139	-.3798804	.0544003
3	-.0624314	.1370599	-0.46	0.651	-.3377099	.2128471
4	-.0857848	.1115284	-0.77	0.445	-.3097844	.1382147
work_st_2006	-.1315395	.0533918	-2.46	0.017	-.2387745	-.0243046
smoking_2006						
2	.2683275	.0430731	6.23	0.000	.1818168	.3548383
3	.6563385	.0796033	8.25	0.000	.4964169	.81626
physic_act_2006	-.189508	.0248108	-7.64	0.000	-.2393397	-.1396762
2.srh_2006	.3657837	.0448926	8.15	0.000	.2756176	.4559497
bmibr_2006						

2	-.2394225	.0472165	-5.07	0.000	-.3342549	-.14459
3	-.1780171	.051531	-3.45	0.001	-.2815148	-.0745194
cardiometcondbr_2006	.310716	.0349849	8.88	0.000	.2404504	.3809816
cesd_2006	.0172601	.0116588	1.48	0.145	-.0061565	.0406768

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0012
Largest FMI = 0.0087
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.72
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(25, 50.1) = 83.36
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.4441999	.071294	6.23	0.000	.3010094	.5873904
1.NonWhite	-.1087659	.0560907	-1.94	0.058	-.2214257	.0038939
NonWhite#c.hurd_dem						
1	-.2670665	.13585	-1.97	0.055	-.5399187	.0057857
AGE2006	.0880404	.0040374	21.81	0.000	.0799315	.0961494
SEX	-.4282563	.0357044	-11.99	0.000	-.4999677	-.3565449
education						
2	-.1715262	.1036409	-1.66	0.104	-.3796842	.0366318
3	-.0261228	.0477159	-0.55	0.586	-.121958	.0697124
4	-.0732093	.0616802	-1.19	0.241	-.1970911	.0506726
5	-.1277395	.0562711	-2.27	0.028	-.2407575	-.0147216
totwealth_2006						
2	-.0695398	.0427823	-1.63	0.110	-.1554663	.0163867
3	.0158632	.1008735	0.16	0.876	-.1867365	.2184629
4	-.4178816	.3131575	-1.33	0.188	-1.046864	.2111006
5	-1.756325	1.066987	-1.65	0.106	-3.899316	.3866665
marital_2006						
2	-.1755687	.1106937	-1.59	0.119	-.3978916	.0467543
3	-.0391478	.1407916	-0.28	0.782	-.3219211	.2436254
4	-.0705944	.1134391	-0.62	0.537	-.2984314	.1572427
work_st_2006	-.1374848	.0526696	-2.61	0.012	-.2432693	-.0317004
smoking_2006						
2	.268943	.0412171	6.53	0.000	.1861599	.3517261
3	.6666488	.0786713	8.47	0.000	.508611	.8246865
physic_act_2006	-.1774895	.0258596	-6.86	0.000	-.2294278	-.1255513
2.srh_2006	.3348342	.0426227	7.86	0.000	.2492272	.4204412
bmibr_2006						
2	-.2188269	.049188	-4.45	0.000	-.3176189	-.1200349
3	-.145629	.0537993	-2.71	0.009	-.2536824	-.0375756

cardiometcondbr_2006	.3046157	.0357454	8.52	0.000	.2328229	.3764086
cesd_2006	-.0000868	.0102624	-0.01	0.993	-.0206987	.020525

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0011
Largest FMI = 0.0086
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.73
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(25, 50.1) = 86.67
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.4907986	.0664511	7.39	0.000	.3573346	.6242627
1.NonWhite	-.1226562	.0573696	-2.14	0.037	-.2378856	-.0074267
NonWhite#c.expert_dem						
1	-.1869177	.1207063	-1.55	0.128	-.4293588	.0555234
AGE2006	.0888525	.0039279	22.62	0.000	.0809634	.0967416
SEX	-.426971	.0341531	-12.50	0.000	-.4955668	-.3583752
education						
2	-.1783212	.1034964	-1.72	0.091	-.3861889	.0295466
3	-.0078179	.0448603	-0.17	0.862	-.0979178	.0822819
4	-.0586385	.0610063	-0.96	0.341	-.1811667	.0638898
5	-.1052959	.0572925	-1.84	0.072	-.2203652	.0097735
totwealth_2006						
2	-.0816337	.039731	-2.05	0.045	-.1614318	-.0018357
3	.0025883	.1006777	0.03	0.980	-.1996181	.2047947
4	-.4583303	.3060916	-1.50	0.141	-1.073133	.156472
5	-1.766262	1.067719	-1.65	0.104	-3.910722	.3781985
marital_2006						
2	-.1705212	.1117042	-1.53	0.133	-.3948737	.0538312
3	-.0470532	.139702	-0.34	0.738	-.3276381	.2335317
4	-.0818929	.1144908	-0.72	0.478	-.3118421	.1480564
work_st_2006	-.1306798	.0520992	-2.51	0.015	-.2353187	-.026041
smoking_2006						
2	.2830242	.0424056	6.67	0.000	.1978541	.3681943
3	.675153	.0774334	8.72	0.000	.5196026	.8307035
physic_act_2006	-.169534	.0251674	-6.74	0.000	-.220082	-.118986
2.srh_2006	.3392595	.0418976	8.10	0.000	.2551089	.4234102
bmibr_2006						
2	-.2222847	.0481001	-4.62	0.000	-.3188917	-.1256776
3	-.1398702	.0529054	-2.64	0.011	-.2461282	-.0336121
cardiometcondbr_2006	.2965146	.0365579	8.11	0.000	.2230898	.3699394

cesd_2006	-.0015398	.010736	-0.14	0.887	-.0231026	.0200231

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,601

Number of strata = 52 — Population size = 21,648,399
Number of PSUs = 104 — Subpop. no. obs = 6,368
Subpop. size = 21,635,971
Average RVI = 0.0010
Largest FMI = 0.0062
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.86
avg = 50.09
max = 50.11
Model F test: Equal FMI — F(25, 50.1) = 86.72
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4366955	.0779882	5.60	0.000	.28006	.5933311
1.NonWhite	-.1432552	.0579191	-2.47	0.017	-.259587	-.0269235
NonWhite#c.lasso_dem						
1	-.1213004	.1342409	-0.90	0.371	-.3909205	.1483197
AGE2006	.088243	.0039194	22.51	0.000	.080371	.096115
SEX	-.443032	.0352159	-12.58	0.000	-.5137622	-.3723017
education						
2	-.1770707	.1020151	-1.74	0.089	-.3819632	.0278219
3	-.0212146	.0485577	-0.44	0.664	-.1187407	.0763114
4	-.0594929	.061364	-0.97	0.337	-.1827397	.0637538
5	-.1174192	.0568908	-2.06	0.044	-.2316818	-.0031566
totwealth_2006						
2	-.0750903	.0416788	-1.80	0.078	-.1588003	.0086198
3	.0070101	.1011958	0.07	0.945	-.1962367	.210257
4	-.4528873	.3055166	-1.48	0.145	-1.066528	.1607539
5	-1.753558	1.064978	-1.65	0.106	-3.892514	.3853969
marital_2006						
2	-.1719762	.1102274	-1.56	0.125	-.3933625	.0494101
3	-.0312661	.1379812	-0.23	0.822	-.3083948	.2458626
4	-.0832696	.1129837	-0.74	0.465	-.3101919	.1436527
work_st_2006	-.1354628	.0518987	-2.61	0.012	-.2396988	-.0312267
smoking_2006						
2	.2677402	.0421872	6.35	0.000	.1830087	.3524716
3	.6249868	.0940616	6.64	0.000	.4360455	.8139281
physic_act_2006	-.1714519	.0249548	-6.87	0.000	-.2215727	-.121331
2.srh_2006	.3442295	.0427694	8.05	0.000	.2583281	.4301309
bmibr_2006						
2	-.2134757	.0480254	-4.45	0.000	-.3099328	-.1170187
3	-.125267	.0515309	-2.43	0.019	-.2287645	-.0217694
cardiometcondbr_2006	.2930308	.0387013	7.57	0.000	.2153011	.3707605
cesd_2006	.0019499	.0111239	0.18	0.862	-.020392	.0242919

```
418 .
419 .
420 .
421 . ***MODEL 3: MODEL 2 + ALCOHOL (SENSITIVITY ANALYSIS)****
422 .
423 .
424 . foreach x of varlist poorsleep_2006 lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(sample_final): stcox c.`x'##c.NonWhite AGE2006 SEX NonWhite i.education  i.totwealt
> iometcondbr_2006 cesd_2006 alcohol_2006
  3.
425 . }
```

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 6,368
Number of strata = 52		Population size	= 20,856,959
Number of PSUs = 104		Subpop. no. obs	= 6,135
		Subpop. size	= 20,844,531
		Average RVI	= 0.0019
		Largest FMI	= 0.0132
		Complete DF	= 52
DF adjustment: Small sample		DF: min	= 49.46
		avg	= 50.07
		max	= 50.11
Model F test: Equal FMI		F(26, 50.1)	= 86.82
Within VCE type: Linearized		Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006	-.027828	.0104485	-2.66	0.010	-.0488133	-.0068428
NonWhite	-.0461839	.0858217	-0.54	0.593	-.2185585	.1261907
c.poorsleep_2006#c.NonWhite	-.0487826	.0231092	-2.11	0.040	-.0951969	-.0023683
AGE2006	.0942016	.0039366	23.93	0.000	.086295	.1021082
SEX	-.4336095	.0358115	-12.11	0.000	-.5055363	-.3616826
NonWhite	0	(omitted)				
education						
2	-.2106069	.1180301	-1.78	0.080	-.4476649	.0264511
3	-.0403362	.046161	-0.87	0.386	-.1330485	.052376
4	-.0859707	.0632457	-1.36	0.180	-.2129968	.0410553
5	-.1508743	.0612078	-2.46	0.017	-.2738072	-.0279414
totwealth_2006						
2	-.0934351	.0439135	-2.13	0.038	-.1816338	-.0052363
3	.0476495	.1023416	0.47	0.644	-.157899	.253198
4	-.413509	.3096894	-1.34	0.188	-1.035525	.2085066
5	-1.794412	1.065733	-1.68	0.098	-3.934884	.3460607
marital_2006						
2	-.1938843	.1074753	-1.80	0.077	-.4097434	.0219747
3	-.0771582	.1331333	-0.58	0.565	-.3445501	.1902337
4	-.1152756	.1101676	-1.05	0.300	-.336542	.1059908
work_st_2006	-.1339197	.058049	-2.31	0.025	-.2505084	-.0173311
smoking_2006						
2	.2852366	.0450002	6.34	0.000	.1948556	.3756176
3	.6674233	.0701392	9.52	0.000	.5265064	.8083401

physic_act_2006	-.1803288	.0253552	-7.11	0.000	-.231254	-.1294036
2.srh_2006	.3641444	.0439035	8.29	0.000	.2759652	.4523236
bmibr_2006						
2	-.2349047	.0477753	-4.92	0.000	-.3308595	-.1389499
3	-.1679754	.0536462	-3.13	0.003	-.2757214	-.0602293
cardiometcondbr_2006	.3111932	.0351336	8.86	0.000	.240629	.3817574
cesd_2006	.024815	.0118601	2.09	0.042	.0009941	.0486358
alcohol_2006	-.0347162	.0156015	-2.23	0.031	-.0660514	-.0033809

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,368

Number of strata = 52 — Population size = 20,856,959
Number of PSUs = 104 — Subpop. no. obs = 6,135
Subpop. size = 20,844,531
Average RVI = 0.0017
Largest FMI = 0.0095
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.68
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(26, 50.1) = 83.42
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.1043675	.0099736	10.46	0.000	.0843358	.1243992
NonWhite	-.3138966	.0822444	-3.82	0.000	-.4790805	-.1487128
c.lnhurd_odds#c.NonWhite	-.0213572	.0179457	-1.19	0.240	-.0574009	.0146865
AGE2006	.074082	.004541	16.31	0.000	.0649615	.0832024
SEX	-.3902871	.0345078	-11.31	0.000	-.4595952	-.320979
NonWhite	0	(omitted)				
education						
2	-.2034063	.1057989	-1.92	0.060	-.4158985	.0090859
3	-.0163087	.0471152	-0.35	0.731	-.1109375	.0783201
4	-.0511246	.0636982	-0.80	0.426	-.1790594	.0768101
5	-.0643028	.0590293	-1.09	0.281	-.1828604	.0542548
totwealth_2006						
2	-.0439856	.045782	-0.96	0.341	-.135937	.0479657
3	.0814196	.0988563	0.82	0.414	-.1171287	.2799678
4	-.3603441	.2921619	-1.23	0.223	-.9471698	.2264817
5	-1.732384	1.105696	-1.57	0.123	-3.953122	.4883531
marital_2006						
2	-.2457869	.1097089	-2.24	0.030	-.466132	-.0254418
3	-.0974282	.1349574	-0.72	0.474	-.3684837	.1736273
4	-.1389724	.113412	-1.23	0.226	-.3667549	.0888101
work_st_2006	-.0912379	.0553712	-1.65	0.106	-.2024483	.0199726
smoking_2006						
2	.291288	.0449396	6.48	0.000	.2010285	.3815474
3	.68034	.0798604	8.52	0.000	.5199098	.8407702
physic_act_2006	-.1595632	.025819	-6.18	0.000	-.21142	-.1077065

2.srh_2006	.3139299	.0407784	7.70	0.000	.2320271	.3958327
bmibr_2006						
2	-.2060867	.0487086	-4.23	0.000	-.3039158	-.1082576
3	-.1242925	.0546575	-2.27	0.027	-.2340695	-.0145154
cardiometcondbr_2006	.2885768	.0375611	7.68	0.000	.2131371	.3640165
cesd_2006	-.0007425	.0105402	-0.07	0.944	-.0219123	.0204273
alcohol_2006	-.0226849	.0149782	-1.51	0.136	-.0527683	.0073985

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,368

Number of strata = 52 — Population size = 20,856,959
Number of PSUs = 104 — Subpop. no. obs = 6,135
Subpop. size = 20,844,531
Average RVI = 0.0018
Largest FMI = 0.0093
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.69
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(26, 50.1) = 80.53
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1108936	.0090658	12.23	0.000	.0926853	.1291019
NonWhite	-.3520147	.0783681	-4.49	0.000	-.5094138	-.1946156
c.lnexpert_odds#c.NonWhite	-.0441166	.0165769	-2.66	0.010	-.0774108	-.0108223
AGE2006	.0738638	.004387	16.84	0.000	.0650526	.0826749
SEX	-.3812968	.0349529	-10.91	0.000	-.4514991	-.3110945
NonWhite	0	(omitted)				
education						
2	-.1619924	.100314	-1.61	0.113	-.3634684	.0394836
3	.0119715	.0464961	0.26	0.798	-.0814137	.1053567
4	-.0357338	.063115	-0.57	0.574	-.1624972	.0910296
5	-.0562607	.0597477	-0.94	0.351	-.1762611	.0637398
totwealth_2006						
2	-.040928	.0447487	-0.91	0.365	-.130804	.048948
3	.0985672	.1005042	0.98	0.331	-.1032908	.3004252
4	-.3510959	.2942367	-1.19	0.238	-.942094	.2399022
5	-1.741486	1.115986	-1.56	0.125	-3.982889	.4999182
marital_2006						
2	-.2200538	.1098158	-2.00	0.051	-.4406136	.000506
3	-.0921257	.1331043	-0.69	0.492	-.3594593	.175208
4	-.1358554	.1133358	-1.20	0.236	-.363485	.0917741
work_st_2006	-.0997557	.0559884	-1.78	0.081	-.2122058	.0126944
smoking_2006						
2	.3005399	.0462323	6.50	0.000	.2076841	.3933957
3	.6658169	.0836284	7.96	0.000	.4978185	.8338153
physic_act_2006	-.1464628	.0266859	-5.49	0.000	-.2000606	-.092865
2.srh_2006	.3179644	.0409157	7.77	0.000	.2357858	.4001431

bmibr_2006						
2	-.211103	.0503001	-4.20	0.000	-.3121285	-.1100775
3	-.1254999	.057286	-2.19	0.033	-.2405562	-.0104436
cardiometcondbr_2006	.2711929	.0385796	7.03	0.000	.1937076	.3486781
cesd_2006	-.003006	.0103444	-0.29	0.773	-.0237824	.0177705
alcohol_2006	-.0187897	.0145435	-1.29	0.202	-.0480001	.0104207

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,368

Number of strata = 52 — Population size = 20,856,959
Number of PSUs = 104 — Subpop. no. obs = 6,135
Subpop. size = 20,844,531
Average RVI = 0.0018
Largest FMI = 0.0093
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.69
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(26, 50.1) = 78.84
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1578124	.0134752	11.71	0.000	.1307481	.1848767
NonWhite	-.2983757	.0830197	-3.59	0.001	-.4651175	-.1316338
c.lnlasso_odds#c.NonWhite	-.0344732	.0224007	-1.54	0.130	-.079464	.0105176
AGE2006	.0749282	.0043592	17.19	0.000	.066173	.0836834
SEX	-.4305116	.0345416	-12.46	0.000	-.4998875	-.3611357
NonWhite	0	(omitted)				
education						
2	-.1363755	.1008074	-1.35	0.182	-.3388425	.0660915
3	.03954	.0480544	0.82	0.415	-.0569749	.136055
4	.0046703	.0642612	0.07	0.942	-.1243952	.1337358
5	-.0171874	.0607893	-0.28	0.779	-.1392799	.1049051
totwealth_2006						
2	-.0391153	.0450336	-0.87	0.389	-.1295634	.0513329
3	.0898341	.0984188	0.91	0.366	-.1078355	.2875037
4	-.3551973	.2906522	-1.22	0.227	-.9390012	.2286066
5	-1.777482	1.106917	-1.61	0.115	-4.000671	.4457066
marital_2006						
2	-.2427228	.1100834	-2.20	0.032	-.46382	-.0216257
3	-.0854022	.1341187	-0.64	0.527	-.3547732	.1839687
4	-.140264	.1137302	-1.23	0.223	-.3686857	.0881577
work_st_2006	-.0947687	.0541007	-1.75	0.086	-.2034275	.0138901
smoking_2006						
2	.2979271	.0459902	6.48	0.000	.2055577	.3902965
3	.6636496	.08403	7.90	0.000	.4948445	.8324548
physic_act_2006	-.14809	.0262252	-5.65	0.000	-.2007625	-.0954176
2.srh_2006	.325325	.0414887	7.84	0.000	.2419956	.4086545

bmibr_2006						
2	-.1828211	.0499025	-3.66	0.001	-.283048	-.0825942
3	-.0655677	.0564027	-1.16	0.251	-.1788499	.0477145
cardiometcondbr_2006	.2820785	.038639	7.30	0.000	.2044738	.3596832
cesd_2006	-.0021758	.0101233	-0.21	0.831	-.0225081	.0181566
alcohol_2006	-.011422	.0144562	-0.79	0.433	-.0404569	.0176129

```
426 .
427 . foreach x of varlist poorsleep_2006tert hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(sample_final): stcox c.`x'##c.NonWhite AGE2006 SEX NonWhite i.education  i.totwealt
> iometcondbr_2006 cesd_2006 alcohol_2006
  3.
428 . }
```

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,368

Number of strata = 52 — Population size = 20,856,959
Number of PSUs = 104 — Subpop. no. obs = 6,135
Subpop. size = 20,844,531
Average RVI = 0.0020
Largest FMI = 0.0119
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.54
avg = 50.07
max = 50.11
Model F test: Equal FMI — F(26, 50.1) = 78.69
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
poorsleep_2006tert	-.0524578	.0297737	-1.76	0.084	-.1122569	.0073414
NonWhite	.1017918	.1409386	0.72	0.474	-.1812903	.3848739
c.poorsleep_2006tert#c.NonWhite	-.1490944	.0696682	-2.14	0.037	-.2890237	-.0091651
AGE2006	.0942377	.0040374	23.34	0.000	.0861287	.1023467
SEX	-.4377049	.0358937	-12.19	0.000	-.5097968	-.365613
NonWhite	0	(omitted)				
education						
2	-.2075133	.1171312	-1.77	0.083	-.442766	.0277394
3	-.0442274	.0461649	-0.96	0.343	-.1369475	.0484928
4	-.0896474	.0632003	-1.42	0.162	-.2165821	.0372873
5	-.1529349	.0610936	-2.50	0.016	-.2756385	-.0302314
totwealth_2006						
2	-.0930068	.0440991	-2.11	0.040	-.1815783	-.0044353
3	.0453746	.101844	0.45	0.658	-.1591746	.2499237
4	-.4212693	.3100693	-1.36	0.180	-1.044049	.20151
5	-1.787538	1.062697	-1.68	0.099	-3.921913	.3468369
marital_2006						
2	-.1997976	.1074529	-1.86	0.069	-.4156116	.0160164
3	-.082962	.133764	-0.62	0.538	-.3516206	.1856966
4	-.1230869	.1106413	-1.11	0.271	-.3453047	.099131
work_st_2006	-.1336315	.0578749	-2.31	0.025	-.2498704	-.0173926
smoking_2006						

2	.283973	.0459721	6.18	0.000	.1916401	.376306
3	.6627109	.0761095	8.71	0.000	.5098052	.8156166
physic_act_2006	-.1799489	.0252541	-7.13	0.000	-.230671	-.1292267
2.srh_2006	.3579731	.0438371	8.17	0.000	.269927	.4460191
bmibr_2006						
2	-.2319135	.0479352	-4.84	0.000	-.3281894	-.1356376
3	-.1674391	.0533156	-3.14	0.003	-.274521	-.0603572
cardiometcondbr_2006	.3077478	.0364005	8.45	0.000	.2346392	.3808564
cesd_2006	.0195294	.0119663	1.63	0.109	-.0045049	.0435637
alcohol_2006	-.0348279	.0156625	-2.22	0.031	-.0662857	-.0033702

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,368

Number of strata = 52 — Population size = 20,856,959
Number of PSUs = 104 — Subpop. no. obs = 6,135
Subpop. size = 20,844,531
Average RVI = 0.0014
Largest FMI = 0.0092
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.70
avg = 50.08
max = 50.11
Model F test: Equal FMI — F(26, 50.1) = 74.85
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.4537461	.0728761	6.23	0.000	.307378	.6001142
NonWhite	-.1287098	.0587083	-2.19	0.033	-.2466271	-.0107926
c.hurd_dem#c.NonWhite	-.2302721	.1370422	-1.68	0.099	-.5055195	.0449753
AGE2006	.0863837	.004053	21.31	0.000	.0782433	.094524
SEX	-.4395063	.0355872	-12.35	0.000	-.5109824	-.3680302
NonWhite	0	(omitted)				
education						
2	-.184579	.1070118	-1.72	0.091	-.3995072	.0303492
3	-.0215138	.046934	-0.46	0.649	-.1157787	.0727511
4	-.0701465	.0631577	-1.11	0.272	-.1969958	.0567027
5	-.1280226	.0602934	-2.12	0.039	-.2491191	-.0069262
totwealth_2006						
2	-.0616108	.0449887	-1.37	0.177	-.1519688	.0287471
3	.0669295	.1005038	0.67	0.509	-.1349276	.2687867
4	-.3995294	.3059485	-1.31	0.198	-1.014034	.2149748
5	-1.771816	1.066049	-1.66	0.103	-3.912922	.3692908
marital_2006						
2	-.2196315	.1078786	-2.04	0.047	-.4363005	-.0029625
3	-.0652619	.1354138	-0.48	0.632	-.3372341	.2067103
4	-.1138475	.1112058	-1.02	0.311	-.3371989	.109504
work_st_2006	-.1405315	.0566889	-2.48	0.017	-.2543885	-.0266745
smoking_2006						
2	.2840615	.0445749	6.37	0.000	.1945349	.3735881

3	.6745007	.0750438	8.99	0.000	.523748	.8252535
physic_act_2006	-.1688111	.0263811	-6.40	0.000	-.2217968	-.1158255
2.srh_2006	.3240629	.0411684	7.87	0.000	.241377	.4067489
bmibr_2006						
2	-.2125841	.0496956	-4.28	0.000	-.3123956	-.1127726
3	-.1368216	.0558275	-2.45	0.018	-.2489486	-.0246946
cardiometcondbr_2006	.302103	.0372263	8.12	0.000	.2273357	.3768703
cesd_2006	.002056	.0106295	0.19	0.847	-.0192931	.0234052
alcohol_2006	-.034657	.015877	-2.18	0.034	-.0665456	-.0027685

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,368

Number of strata = 52 — Population size = 20,856,959
Number of PSUs = 104 — Subpop. no. obs = 6,135
Subpop. size = 20,844,531
Average RVI = 0.0013
Largest FMI = 0.0090
Complete DF = 52
DF adjustment: Small sample — DF: min = 49.71
avg = 50.07
max = 50.11
Model F test: Equal FMI — F(26, 50.1) = 76.10
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.4953213	.0681987	7.26	0.000	.3583472	.6322954
NonWhite	-.1428823	.0590824	-2.42	0.019	-.2615522	-.0242123
c.expert_dem#c.NonWhite	-.148057	.1176807	-1.26	0.214	-.384423	.0883091
AGE2006	.0874186	.0039469	22.15	0.000	.0794914	.0953457
SEX	-.4368959	.0338137	-12.92	0.000	-.5048102	-.3689815
NonWhite	0	(omitted)				
education						
2	-.194101	.1072193	-1.81	0.076	-.4094459	.0212439
3	-.0056879	.0438782	-0.13	0.897	-.0938152	.0824394
4	-.0583889	.0625135	-0.93	0.355	-.1839442	.0671663
5	-.1081192	.060975	-1.77	0.082	-.2305847	.0143463
totwealth_2006						
2	-.0714602	.041694	-1.71	0.093	-.1552009	.0122805
3	.0582127	.1005311	0.58	0.565	-.1436994	.2601247
4	-.4374188	.29922	-1.46	0.150	-1.038423	.1635856
5	-1.780127	1.06678	-1.67	0.101	-3.922702	.3624491
marital_2006						
2	-.2045274	.1118542	-1.83	0.073	-.429181	.0201262
3	-.0620031	.1376834	-0.45	0.654	-.3385336	.2145274
4	-.1148184	.11445	-1.00	0.321	-.3446857	.115049
work_st_2006	-.1337603	.0561765	-2.38	0.021	-.2465883	-.0209323
smoking_2006						
2	.2993639	.0449362	6.66	0.000	.2091116	.3896162
3	.683923	.0737137	9.28	0.000	.535843	.832003

physic_act_2006	-.1598692	.0254521	-6.28	0.000	-.210989	-.1087494
2.srh_2006	.3285064	.0407201	8.07	0.000	.2467208	.410292
bmibr_2006						
2	-.2153025	.0487346	-4.42	0.000	-.313184	-.117421
3	-.1302049	.0547877	-2.38	0.021	-.2402434	-.0201663
cardiometcondbr_2006	.2936173	.0379619	7.73	0.000	.2173726	.369862
cesd_2006	.0003831	.0108432	0.04	0.972	-.0213952	.0221613
alcohol_2006	-.0350702	.0148392	-2.36	0.022	-.0648743	-.005266

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 6,368

Number of strata = 52 — Population size = 20,856,959
Number of PSUs = 104 — Subpop. no. obs = 6,135
Subpop. size = 20,844,531
Average RVI = 0.0013
Largest FMI = 0.0064
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 49.85
avg = 50.08
max = 50.11
Model F test: **Equal FMI** — F(26, 50.1) = 77.42
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.4365982	.0804672	5.43	0.000	.2749838	.5982126
NonWhite	-.156472	.0601885	-2.60	0.012	-.2773622	-.0355818
c.lasso_dem#c.NonWhite	-.1184891	.135748	-0.87	0.387	-.3911366	.1541583
AGE2006	.0869721	.0039518	22.01	0.000	.0790351	.0949091
SEX	-.451472	.0347843	-12.98	0.000	-.5213354	-.3816085
NonWhite	0	(omitted)				
education						
2	-.1907782	.1057699	-1.80	0.077	-.4032121	.0216556
3	-.0183872	.0480846	-0.38	0.704	-.114963	.0781886
4	-.0603945	.0620633	-0.97	0.335	-.1850458	.0642567
5	-.1223123	.0603397	-2.03	0.048	-.2435018	-.0011227
totwealth_2006						
2	-.067868	.0441553	-1.54	0.131	-.1565521	.0208162
3	.0583611	.1010058	0.58	0.566	-.1445045	.2612266
4	-.4337961	.2990005	-1.45	0.153	-1.034352	.16676
5	-1.765633	1.063736	-1.66	0.103	-3.902095	.3708284
marital_2006						
2	-.2095799	.1097912	-1.91	0.062	-.4300902	.0109305
3	-.053451	.1350089	-0.40	0.694	-.32461	.2177079
4	-.1205549	.1121084	-1.08	0.287	-.3457193	.1046094
work_st_2006	-.1378828	.0557861	-2.47	0.017	-.2499266	-.025839
smoking_2006						
2	.282832	.0454212	6.23	0.000	.1916057	.3740584
3	.6309578	.0910202	6.93	0.000	.4481246	.813791

physic_act_2006	**-.1632376**	**.0254198**	**-6.42**	**0.000**	**-.2142926**	**-.1121827**
2.srh_2006	**.3361374**	**.0415378**	**8.09**	**0.000**	**.2527096**	**.4195652**
bmibr_2006						
2	**-.2062324**	**.0485498**	**-4.25**	**0.000**	**-.3037425**	**-.1087222**
3	**-.1142715**	**.0530745**	**-2.15**	**0.036**	**-.2208692**	**-.0076738**
cardiometcondbr_2006	**.2896247**	**.0401102**	**7.22**	**0.000**	**.2090652**	**.3701842**
cesd_2006	**.0037365**	**.0113661**	**0.33**	**0.744**	**-.0190919**	**.0265649**
alcohol_2006	**-.0310066**	**.0155948**	**-1.99**	**0.052**	**-.0623283**	**.000315**

```
429 .
430 .
431 .
432 . save, replace
    (file C:\Users\baydounm\AppData\Local\Temp\ST_6434_000002.tmp not found)
    file C:\Users\baydounm\AppData\Local\Temp\ST_6434_000002.tmp saved as .dta format

433 .
434 .
435 . capture log close
```