



```

1 .
2 . use finaldata_imputed_FINAL,clear
3 .
4 . keep if stratum~=53
   (0 observations deleted)
5 .
6 . bysort foodinsecurity_totbr: su foodinsecurity_tot if sample_final==1,detail

```

-> foodinsecurity\_totbr = 0

HNB1_13r HNB2_13r HNB3_13r HNB3_13r HNB4_13r HNB5_13r == 1 2 3				
Percentiles	Smallest			
1%	0	0		
5%	0	0		
10%	0	0	Obs	15,666
25%	0	0	Sum of wgt.	15,666
50%	0	Largest	Mean	.0559173
75%	0		Std. dev.	.2297692
90%	0	1	Variance	.0527939
95%	1	1	Skewness	3.865591
99%	1	1	Kurtosis	15.94279

-> foodinsecurity\_totbr = 1

HNB1_13r HNB2_13r HNB3_13r HNB3_13r HNB4_13r HNB5_13r == 1 2 3				
Percentiles	Smallest			
1%	2	2		
5%	2	2		
10%	2	2	Obs	1,698
25%	2	2	Sum of wgt.	1,698
50%	3	Largest	Mean	3.540636
75%	5		Std. dev.	1.580243
90%	6	6	Variance	2.497169
95%	6	6	Skewness	.4201175
99%	6	6	Kurtosis	1.600128

-> foodinsecurity\_totbr = .

HNB1_13r HNB2_13r HNB3_13r HNB3_13r HNB4_13r HNB5_13r == 1 2 3				
---	--	--	--	--

no observations

```

7 .
8 . save finaldata_imputed_FINAL, replace
   file finaldata_imputed_FINAL.dta saved

9 .
10 .
11 .
12 . **STEP 15: TABLE 2: COX PH MODELS FOR EXPOSURE (foodinsecurity and dementia probabilities, loge transformed) VS
   > ELS; INTERACTION BY SEX AND BY RACE*****
13 .
14 .
15 . capture drop lnhurdd_dds

16 . mi passive: gen lnhurdd_dds=ln((hurdd_p)/(1-hurdd_p))
   (passive variable lnhurdd_dds unregistered because not in m=0)
   m=0:
   (35,574 missing values generated)
   m=1:
   (35,574 missing values generated)
   m=2:
   (35,574 missing values generated)
   m=3:
   (35,574 missing values generated)
   m=4:
   (35,574 missing values generated)
   m=5:
   (35,574 missing values generated)

17 .
18 . capture drop lnexpert_dds

19 . mi passive: gen lnexpert_dds=ln((expert_p)/(1-expert_p))
   (passive variable lnexpert_dds unregistered because not in m=0)
   m=0:
   (35,573 missing values generated)
   m=1:
   (35,573 missing values generated)
   m=2:
   (35,573 missing values generated)
   m=3:
   (35,573 missing values generated)
   m=4:
   (35,573 missing values generated)
   m=5:
   (35,573 missing values generated)

20 .
21 .
22 . capture drop lnlasso_dds

23 . mi passive: gen lnlasso_dds=ln((lasso_p)/(1-lasso_p))
   (passive variable lnlasso_dds unregistered because not in m=0)
   m=0:
   (36,047 missing values generated)
   m=1:
   (36,047 missing values generated)
   m=2:
   (36,047 missing values generated)
   m=3:
   (36,047 missing values generated)
   m=4:
   (36,047 missing values generated)
   m=5:

```

(36,047 missing values generated)

24 .

25 .

26 . capture drop Men

27 . mi passive: gen Men=1 if SEX==1 & sample\_final==1  
(passive variable **Men** unregistered because not in *m=0*)

*m=0*:

(42,180 missing values generated)

*m=1*:

(42,180 missing values generated)

*m=2*:

(42,180 missing values generated)

*m=3*:

(42,180 missing values generated)

*m=4*:

(42,180 missing values generated)

*m=5*:

(42,180 missing values generated)

28 . mi passive: replace Men=0 if Men~=1 & SEX~= . & sample\_final==1

*m=0*:

(1,692 real changes made)

*m=1*:

(1,692 real changes made)

*m=2*:

(1,692 real changes made)

*m=3*:

(1,692 real changes made)

*m=4*:

(1,692 real changes made)

*m=5*:

(1,692 real changes made)

29 .

30 . capture drop Women

31 . mi passive: gen Women=1 if SEX==2 & sample\_final==1  
(passive variable **Women** unregistered because not in *m=0*)

*m=0*:

(41,690 missing values generated)

*m=1*:

(41,690 missing values generated)

*m=2*:

(41,690 missing values generated)

*m=3*:

(41,690 missing values generated)

*m=4*:

(41,690 missing values generated)

*m=5*:

(41,690 missing values generated)

```

32 . mi passive: replace Women=0 if Women~=1 & SEX~= . & sample_final==1
    m=0:
    (1,202 real changes made)
    m=1:
    (1,202 real changes made)
    m=2:
    (1,202 real changes made)
    m=3:
    (1,202 real changes made)
    m=4:
    (1,202 real changes made)
    m=5:
    (1,202 real changes made)

33 .
34 . capture drop NHW

35 . mi passive: gen NHW=1 if RACE_ETHN==1 & sample_final==1
    (passive variable NHW unregistered because not in m=0)
    m=0:
    (41,015 missing values generated)
    m=1:
    (41,015 missing values generated)
    m=2:
    (41,015 missing values generated)
    m=3:
    (41,015 missing values generated)
    m=4:
    (41,015 missing values generated)
    m=5:
    (41,015 missing values generated)

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

37 .
38 . capture drop NHB

39 . mi passive: gen NHB=1 if RACE_ETHN==2 & sample_final==1
    (passive variable NHB unregistered because not in m=0)
    m=0:
    (43,049 missing values generated)
    m=1:
    (43,049 missing values generated)
    m=2:
    (43,049 missing values generated)
    m=3:
    (43,049 missing values generated)
    m=4:
    (43,049 missing values generated)
    m=5:
    (43,049 missing values generated)

```

```
40 . mi passive: replace NHB=0 if NHB~=1 & RACE_ETHN~=. & sample_final==1
    m=0:
      (2,561 real changes made)
    m=1:
      (2,561 real changes made)
    m=2:
      (2,561 real changes made)
    m=3:
      (2,561 real changes made)
    m=4:
      (2,561 real changes made)
    m=5:
      (2,561 real changes made)

41 .
42 .
43 . capture drop HISP

44 . mi passive: gen HISP=1 if RACE_ETHN==3 & sample_final==1
    (passive variable HISP unregistered because not in m=0)
    m=0:
      (43,188 missing values generated)
    m=1:
      (43,188 missing values generated)
    m=2:
      (43,188 missing values generated)
    m=3:
      (43,188 missing values generated)
    m=4:
      (43,188 missing values generated)
    m=5:
      (43,188 missing values generated)

45 . mi passive: replace HISP=0 if HISP~=1 & RACE_ETHN~=. & sample_final==1
    m=0:
      (2,700 real changes made)
    m=1:
      (2,700 real changes made)
    m=2:
      (2,700 real changes made)
    m=3:
      (2,700 real changes made)
    m=4:
      (2,700 real changes made)
    m=5:
      (2,700 real changes made)

46 .
47 .
48 . capture drop OTHER
```

```

49 . mi passive: gen OTHER=1 if RACE_ETHN==4 & sample_final==1
    (passive variable OTHER unregistered because not in m=0)
    m=0:
    (43,382 missing values generated)
    m=1:
    (43,382 missing values generated)
    m=2:
    (43,382 missing values generated)
    m=3:
    (43,382 missing values generated)
    m=4:
    (43,382 missing values generated)
    m=5:
    (43,382 missing values generated)

50 . mi passive: replace OTHER=0 if OTHER~=1 & RACE_ETHN~=. & sample_final==1
    m=0:
    (2,894 real changes made)
    m=1:
    (2,894 real changes made)
    m=2:
    (2,894 real changes made)
    m=3:
    (2,894 real changes made)
    m=4:
    (2,894 real changes made)
    m=5:
    (2,894 real changes made)

51 .
52 .
53 . capture drop NonWhite

54 . mi passive: gen NonWhite=0 if RACE_ETHN==1 & sample_final==1
    (passive variable NonWhite unregistered because not in m=0)
    m=0:
    (41,015 missing values generated)
    m=1:
    (41,015 missing values generated)
    m=2:
    (41,015 missing values generated)
    m=3:
    (41,015 missing values generated)
    m=4:
    (41,015 missing values generated)
    m=5:
    (41,015 missing values generated)

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

```

```

56 .
57 . save, replace
    (file C:\Users\baydounm\AppData\Local\Temp\ST_5718_000002.tmp not found)
    file C:\Users\baydounm\AppData\Local\Temp\ST_5718_000002.tmp saved as .dta format

58 .
59 .
60 . *****TEST OF PH ASSUMPTION FOR FOOD INSECURITY**
61 . use finaldata_imputed_FINAL, clear

62 .
63 .
64 . mi extract 0

65 . save STPHTEST, replace
    file STPHTEST.dta saved

66 .
67 . stcox foodinsecurity_tot AGE2012 SEX NonWhite if sample_final==1

```

```

        Failure _d: died==1
        Analysis time _t: (ageevent-origin)
            Origin: time AGE2014
        Enter on or after: time AGE2014

```

```

Iteration 0: Log likelihood = -6907.4756
Iteration 1: Log likelihood = -6695.2845
Iteration 2: Log likelihood = -6682.2581
Iteration 3: Log likelihood = -6682.2542
Refining estimates:
Iteration 0: Log likelihood = -6682.2542

```

Cox regression with Breslow method for ties

```

No. of subjects =      2,886                Number of obs =  2,886
No. of failures =      894
Time at risk    = 17,435.1067

LR chi2(4)      = 450.44
Prob > chi2     = 0.0000

Log likelihood = -6682.2542

```

_t	Haz. ratio	Std. err.	z	P> z	[95% conf. interval]	
foodinsecurity_tot	1.032478	.0325819	1.01	0.311	.9705537	1.098354
AGE2012	1.116791	.0056508	21.83	0.000	1.10577	1.127922
SEX	.7583648	.0510763	-4.11	0.000	.664583	.8653805
NonWhite	.9016617	.0846311	-1.10	0.270	.7501511	1.083773

```

68 .
69 . capture drop scaledsch1demA scaledsch1demB scaledsch1demC scaledsch1demD

```





Number of strata =	52	Population size =	25,654,297
Number of PSUs =	104	Subpop. no. obs =	2,886
		Subpop. size =	25,646,113
		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) =	101.69
Within VCE type:	Linearized	Prob > F =	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
Inhurd_odds	.1088326	.015146	7.19	0.000	.0784126	.1392526
AGE2012	.0845931	.0066863	12.65	0.000	.071164	.0980221
SEX	-.2880201	.0588226	-4.90	0.000	-.4061623	-.1698779
NonWhite	-.3270064	.0999361	-3.27	0.002	-.5277232	-.1262895

Multiple-imputation estimates	Imputations =	5
Survey: Cox regression	Number of obs =	2,887
Number of strata =	52	
Number of PSUs =	104	
	Population size =	25,654,297
	Subpop. no. obs =	2,886
	Subpop. size =	25,646,113
	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) = 109.71
Within VCE type:	Linearized	Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
Inexpert_odds	.1846734	.0195908	9.43	0.000	.1453263	.2240205
AGE2012	.0691599	.0073723	9.38	0.000	.054353	.0839669
SEX	-.3067184	.0602381	-5.09	0.000	-.4277037	-.185733
NonWhite	-.4562906	.1110043	-4.11	0.000	-.6792372	-.233344

Multiple-imputation estimates	Imputations =	5
Survey: Cox regression	Number of obs =	2,887
Number of strata =	52	
Number of PSUs =	104	
	Population size =	25,654,297
	Subpop. no. obs =	2,886
	Subpop. size =	25,646,113
	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) = 119.63
Within VCE type:	Linearized	Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnlasso_odds	.2225573	.0197247	11.28	0.000	.1829412	.2621735
AGE2012	.0724974	.0065955	10.99	0.000	.0592506	.0857442
SEX	-.3561988	.0620429	-5.74	0.000	-.480809	-.2315886
NonWhite	-.4012839	.1020045	-3.93	0.000	-.606155	-.1964128

```

86 .
87 . foreach x of varlist foodinsecurity_totbr hurd_dem expert_dem lasso_dem {
88 .   2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2012 SEX NonWhite
89 .   3.
90 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata =	52	Population size =	25,654,297
Number of PSUs =	104	Subpop. no. obs =	2,886
		Subpop. size =	25,646,113
		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)	=	94.84
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_totbr	-.0139932	.1909005	-0.07	0.942	-.3974075	.369421
AGE2012	.1090777	.0058542	18.63	0.000	.0973198	.1208357
SEX	-.2381024	.0684419	-3.48	0.001	-.3755646	-.1006402
NonWhite	-.2214134	.0962852	-2.30	0.026	-.4147974	-.0280294

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata =	52	Population size =	25,654,297
Number of PSUs =	104	Subpop. no. obs =	2,886
		Subpop. size =	25,646,113
		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)	=	100.60
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
hurd_dem	.7585488	.1133038	6.69	0.000	.5309836	.9861139
AGE2012	.090466	.0066997	13.50	0.000	.07701	.103922
SEX	-.2664024	.0692638	-3.85	0.000	-.4055153	-.1272894
NonWhite	-.2974883	.1028977	-2.89	0.006	-.5041532	-.0908233

```

Multiple-imputation estimates      Imputations      =          5
Survey: Cox regression            Number of obs     =        2,887

Number of strata =          52      Population size   =    25,654,297
Number of PSUs  =         104      Subpop. no. obs  =         2,886
                                          Subpop. size     =    25,646,113
                                          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)  =        120.71
Within VCE type:  Linearized      Prob > F         =         0.0000

```

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
expert_dem	.9309403	.1025113	9.08	0.000	.7250514	1.136829
AGE2012	.0897593	.0064767	13.86	0.000	.0767511	.1027675
SEX	-.2957404	.0614021	-4.82	0.000	-.4190635	-.1724174
NonWhite	-.2972834	.1054862	-2.82	0.007	-.5091472	-.0854196

```

Multiple-imputation estimates      Imputations      =          5
Survey: Cox regression            Number of obs     =        2,887

Number of strata =          52      Population size   =    25,654,297
Number of PSUs  =         104      Subpop. no. obs  =         2,886
                                          Subpop. size     =    25,646,113
                                          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)  =        110.28
Within VCE type:  Linearized      Prob > F         =         0.0000

```

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lasso_dem	.8692105	.1065703	8.16	0.000	.6551693	1.083252
AGE2012	.0901909	.0063783	14.14	0.000	.0773804	.1030015
SEX	-.3316234	.0617744	-5.37	0.000	-.4556943	-.2075525
NonWhite	-.3585762	.0981553	-3.65	0.001	-.5557162	-.1614362

```

89 .
90 .
91 . ***MODEL 2****

```

```

92 . foreach x of varlist foodinsecurity_tot lnhrud_ods lnexpert_ods lnlasso_ods {
    2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2012 SEX NonWhite i.education i.totwealth_2012 i.marital_2012
    > diometcondbr_2012 cesd_2012 hei2015_total_score
    3.
93 . }

```

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,805
Number of strata	= 52	Population size	=	24,815,788
Number of PSUs	= 104	Subpop. no. obs	=	2,804
		Subpop. size	=	24,807,604
		Average RVI	=	.
		Largest FMI	=	.
		Complete DF	=	52
DF adjustment: Small sample		DF: min	=	0.00
		avg	=	.
		max	=	.
Model F test: Equal FMI		F( 27, 50.0)	=	78.68
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_tot	-.0634431	.0520349	-1.22	0.228	-.1679535	.0410674
AGE2012	.1081718	.0071295	15.17	0.000	.0938523	.1224913
SEX	-.3202902	.0886635	-3.61	0.001	-.4983803	-.1422
NonWhite	-.419756	.1172186	-3.58	0.001	-.6551874	-.1843246
education						
2	.2427361	.188665	1.29	0.204	-.1362069	.6216791
3	.0473439	.110155	0.43	0.669	-.173911	.2685989
4	.1191662	.1316785	0.90	0.370	-.1453209	.3836534
5	-.037505	.1449364	-0.26	0.797	-.3286235	.2536135
totwealth_2012						
2	.0783095	.0822349	0.95	0.346	-.086872	.2434909
3	-.6207692	.2640596	-2.35	0.023	-1.151127	-.0904111
4	-.8603816	.7800705	-1.10	0.275	-2.427124	.7063606
5	-46.33126	.	.	.	.	.
marital_2012						
2	-.1990073	.1950565	-1.02	0.313	-.5907782	.1927636
3	-.1265303	.2221406	-0.57	0.571	-.5726916	.319631
4	-.122981	.1732818	-0.71	0.481	-.4710151	.2250531
work_st_2012	.0101923	.1114602	0.09	0.928	-.2136746	.2340593
smoking_2012						
2	.2686804	.0920834	2.92	0.005	.0837105	.4536502
3	.896902	.1806358	4.97	0.000	.5340383	1.259766
alcohol_2012						
2	-.0765549	.1266771	-0.60	0.548	-.3309987	.1778889
3	-.3124992	.1134367	-2.75	0.009	-.5412733	-.0837251
4	-.22046	.1234313	-1.79	0.081	-.4691683	.0282483
physic_act_2012	-.2392221	.0497006	-4.81	0.000	-.339048	-.1393961
2.srh_2012	.4769528	.0955264	4.99	0.000	.285091	.6688145
bmibr_2012						
2	-.2441736	.0723992	-3.37	0.001	-.3896092	-.0987379
3	-.1598502	.1191305	-1.34	0.186	-.3991209	.0794206

cardiometcondbr_2012	.3771202	.0643165	5.86	0.000	.2479414	.506299
cesd_2012	.049683	.0232632	2.14	0.038	.0029586	.0964074
hei2015_total_score	-.0075063	.0038497	-1.95	0.057	-.0152386	.000226

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,805
Number of strata	= 52	Population size	=	24,815,788
Number of PSUs	= 104	Subpop. no. obs	=	2,804
		Subpop. size	=	24,807,604
		Average RVI	=	.
		Largest FMI	=	.
		Complete DF	=	52
DF adjustment: Small sample		DF: min	=	0.00
		avg	=	.
		max	=	.
Model F test: Equal FMI		F( 27, 50.0)	=	79.51
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
Inhurd_odds	.0953762	.0184488	5.17	0.000	.058322	.1324303
AGE2012	.0920128	.0078737	11.69	0.000	.0761985	.107827
SEX	-.2966223	.0846199	-3.51	0.001	-.4665878	-.1266567
NonWhite	-.4798725	.128867	-3.72	0.000	-.7387	-.221045
education						
2	.3113502	.1715968	1.81	0.076	-.0333148	.6560151
3	.1397137	.1061364	1.32	0.194	-.0734684	.3528959
4	.2014447	.1248415	1.61	0.113	-.0493167	.4522061
5	.1155828	.1435586	0.81	0.425	-.1727704	.4039361
totwealth_2012						
2	.1293061	.0764376	1.69	0.097	-.0242326	.2828449
3	-.5258074	.2567874	-2.05	0.046	-1.041559	-.0100554
4	-.7575188	.782398	-0.97	0.338	-2.328937	.8138994
5	-44.66983	.	.	.	.	.
marital_2012						
2	-.2396425	.201046	-1.19	0.239	-.6434432	.1641582
3	-.1582218	.2325808	-0.68	0.499	-.6253519	.3089084
4	-.1369114	.1850192	-0.74	0.463	-.508518	.2346952
work_st_2012	.0377712	.1092471	0.35	0.731	-.1816511	.2571935
smoking_2012						
2	.2710276	.0924369	2.93	0.005	.0853414	.4567137
3	.8604586	.1747095	4.93	0.000	.5094969	1.21142
alcohol_2012						
2	-.0191886	.1303606	-0.15	0.884	-.2810224	.2426453
3	-.2834815	.114233	-2.48	0.017	-.5137632	-.0531997
4	-.2429405	.1207157	-2.01	0.050	-.4862064	.0003253
physic_act_2012	-.1915193	.0512771	-3.73	0.000	-.2945117	-.0885269
2.srh_2012	.4344488	.0994899	4.37	0.000	.2346266	.6342709
bmibr_2012						
2	-.2011	.0732295	-2.75	0.008	-.3482	-.0539999
3	-.086021	.1202065	-0.72	0.478	-.3274531	.1554111

cardiometcondbr_2012	.3508041	.0601564	5.83	0.000	.2299797	.4716285
cesd_2012	.02904	.0256801	1.13	0.264	-.0225391	.0806191
hei2015_total_score	-.0075195	.0038255	-1.97	0.055	-.0152033	.0001642

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,805
Number of strata =	52	Population size	= 24,815,788
Number of PSUs =	104	Subpop. no. obs	= 2,804
		Subpop. size	= 24,807,604
		Average RVI	= .
		Largest FMI	= .
		Complete DF	= 52
DF adjustment: Small sample	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F( 27, 50.0)	=	65.24
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
Inexpert_odds	.1393599	.0237454	5.87	0.000	.0916683	.1870514
AGE2012	.0857569	.0086591	9.90	0.000	.0683654	.1031484
SEX	-.2811657	.083254	-3.38	0.001	-.4483906	-.1139407
NonWhite	-.4692592	.1258345	-3.73	0.000	-.7219955	-.2165229
education						
2	.4190106	.1688528	2.48	0.016	.0798471	.7581741
3	.2152988	.1135839	1.90	0.064	-.0128392	.4434368
4	.2956223	.1263218	2.34	0.023	.0418975	.5493471
5	.2139962	.1479274	1.45	0.154	-.0831204	.5111129
totwealth_2012						
2	.1615431	.0761268	2.12	0.039	.0086202	.3144661
3	-.4802009	.2581751	-1.86	0.069	-.9987442	.0383424
4	-.693264	.7933778	-0.87	0.386	-2.28674	.9002121
5	-44.0787	.	.	.	.	.
marital_2012						
2	-.182833	.2083117	-0.88	0.384	-.601225	.235559
3	-.1095364	.2464618	-0.44	0.659	-.6045461	.3854733
4	-.1088522	.1932498	-0.56	0.576	-.4969887	.2792843
work_st_2012	.0488254	.107139	0.46	0.651	-.1663625	.2640132
smoking_2012						
2	.2338691	.0944527	2.48	0.017	.0441319	.4236063
3	.8132886	.1772111	4.59	0.000	.4573046	1.169273
alcohol_2012						
2	.0222187	.129619	0.17	0.865	-.238144	.2825814
3	-.2417454	.1218055	-1.98	0.054	-.4879077	.0044168
4	-.1505826	.1145275	-1.31	0.196	-.3816806	.0805154
physic_act_2012	-.1838324	.0517121	-3.55	0.001	-.2876996	-.0799653
2.srh_2012	.446918	.1008835	4.43	0.000	.244297	.6495389
bmibr_2012						
2	-.216342	.0736122	-2.94	0.005	-.3642021	-.0684819
3	-.086521	.1211007	-0.71	0.478	-.3297483	.1567063

cardiometcondbr_2012	.3218495	.0588346	5.47	0.000	.2036795	.4400195
cesd_2012	.0235812	.0254879	0.93	0.359	-.0276115	.0747739
hei2015_total_score	-.0074266	.0037711	-1.97	0.054	-.0150009	.0001476

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,805
Number of strata =	52	Population size =	24,815,788
Number of PSUs =	104	Subpop. no. obs =	2,804
		Subpop. size =	24,807,604
		Average RVI =	13.9445
		Largest FMI =	0.9966
		Complete DF =	52
DF adjustment: Small sample	DF: min	=	0.36
	avg	=	47.60
	max	=	50.09
Model F test: Equal FMI	F( 28, 1.3)	=	40.12
Within VCE type: Linearized	Prob > F	=	0.0734

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnlasso_odds	.1869186	.0276065	6.77	0.000	.1314717	.2423656
AGE2012	.0868754	.0080836	10.75	0.000	.0706398	.103111
SEX	-.3274916	.0844706	-3.88	0.000	-.4971587	-.1578245
NonWhite	-.4443785	.1175775	-3.78	0.000	-.6805314	-.2082256
education						
2	.4409686	.1653073	2.67	0.010	.1089255	.7730116
3	.2196556	.1153452	1.90	0.063	-.012019	.4513302
4	.3048438	.1280784	2.38	0.021	.0475934	.5620942
5	.2043386	.1521702	1.34	0.185	-.1012973	.5099744
totwealth_2012						
2	.1626477	.0745214	2.18	0.034	.0129521	.3123432
3	-.4838872	.2555397	-1.89	0.064	-.997136	.0293616
4	-.7276737	.7890006	-0.92	0.361	-2.312356	.8570087
5	-35.23186	5.676878	-6.21	0.347	-7187.155	7116.692
marital_2012						
2	-.2380271	.2052587	-1.16	0.252	-.6502877	.1742335
3	-.153213	.2416145	-0.63	0.529	-.6384875	.3320615
4	-.1519479	.1920459	-0.79	0.433	-.5376666	.2337708
work_st_2012	.0458808	.1058154	0.43	0.666	-.166649	.2584106
smoking_2012						
2	.2520357	.0949929	2.65	0.011	.0612126	.4428588
3	.8232225	.17518	4.70	0.000	.4713157	1.175129
alcohol_2012						
2	.0300835	.1282481	0.23	0.816	-.2275255	.2876926
3	-.228013	.1234018	-1.85	0.072	-.4774071	.0213811
4	-.1188988	.1116419	-1.07	0.293	-.3441509	.1063533
physic_act_2012	-.1806328	.0522368	-3.46	0.001	-.2855544	-.0757113
2.srh_2012	.4569051	.0980799	4.66	0.000	.2599152	.6538951
bmibr_2012						
2	-.1739098	.0725461	-2.40	0.020	-.3196259	-.0281937
3	-.0096933	.1223132	-0.08	0.937	-.2553557	.2359691

cardiometcondbr_2012	.3329371	.0598026	5.57	0.000	.2128237	.4530504
cesd_2012	.024346	.0253733	0.96	0.342	-.0266168	.0753087
hei2015_total_score	-.0062972	.0038245	-1.65	0.106	-.0139788	.0013843

```

94 .
95 . foreach x of varlist foodinsecurity_totbr hurd_dem expert_dem lasso_dem {
    2. mi estimate: svy, subpop(sample_final): stcox `x' AGE2012 SEX NonWhite i.education i.totwealth_2012 i.marital_2012
    > diometcondbr_2012 cesd_2012 hei2015_total_score
    3.
96 . }

```

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,805
Number of strata	= 52	Population size	=	24,815,788
Number of PSUs	= 104	Subpop. no. obs	=	2,804
		Subpop. size	=	24,807,604
		Average RVI	=	.
		Largest FMI	=	.
		Complete DF	=	52
DF adjustment: Small sample		DF: min	=	0.00
		avg	=	.
		max	=	.
Model F test: Equal FMI		F( 27, 50.0)	=	75.91
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_totbr	-.4335226	.1781088	-2.43	0.019	-.7912523	-.0757928
AGE2012	.1080806	.0071661	15.08	0.000	.0936876	.1224736
SEX	-.3222431	.085985	-3.75	0.000	-.4949549	-.1495313
NonWhite	-.4138785	.117206	-3.53	0.001	-.6492844	-.1784725
education						
2	.2237968	.1875741	1.19	0.238	-.1529577	.6005513
3	.0274401	.1098945	0.25	0.804	-.1932946	.2481748
4	.0950231	.1322517	0.72	0.476	-.1706172	.3606633
5	-.0593653	.140776	-0.42	0.675	-.3421303	.2233997
totwealth_2012						
2	.0629468	.0803182	0.78	0.437	-.098387	.2242806
3	-.6368481	.267322	-2.38	0.021	-1.173759	-.0999372
4	-.8774641	.7846052	-1.12	0.269	-2.453315	.6983865
5	-46.54731	.	.	.	.	.
marital_2012						
2	-.186077	.1932989	-0.96	0.340	-.5743177	.2021637
3	-.1163402	.2185483	-0.53	0.597	-.5552864	.322606
4	-.1161133	.1692192	-0.69	0.496	-.455988	.2237614
work_st_2012	.015306	.1118251	0.14	0.892	-.2092935	.2399055
smoking_2012						
2	.2722242	.0925548	2.94	0.005	.0863076	.4581408
3	.9246024	.1787848	5.17	0.000	.5654522	1.283753
alcohol_2012						
2	-.076389	.1263859	-0.60	0.548	-.3302487	.1774707
3	-.317575	.1138866	-2.79	0.008	-.5473442	-.0878059
4	-.2285675	.1228595	-1.86	0.069	-.4761519	.0190169



physic_act_2012	-.2398465	.0501787	-4.78	0.000	-.3406334	-.1390596
2.srh_2012	.474453	.0951558	4.99	0.000	.2833353	.6655707
bmibr_2012						
2	-.2470802	.0735974	-3.36	0.002	-.3949229	-.0992375
3	-.1678103	.1205049	-1.39	0.170	-.4098411	.0742205
cardiometcondbr_2012	.3818044	.0654141	5.84	0.000	.2504211	.5131877
cesd_2012	.0583826	.0225301	2.59	0.012	.0131305	.1036347
hei2015_total_score	-.0074416	.0038868	-1.91	0.061	-.0152484	.0003652

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,805
Number of strata =	52	Population size =	24,815,788
Number of PSUs =	104	Subpop. no. obs =	2,804
		Subpop. size =	24,807,604
		Average RVI =	.
		Largest FMI =	.
		Complete DF =	52
DF adjustment: Small sample	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F( 27, 50.0)	=	75.08
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
hur_dem	.4815922	.132669	3.63	0.001	.2151273	.748057
AGE2012	.1002463	.0075804	13.22	0.000	.0850214	.1154713
SEX	-.298714	.0925714	-3.23	0.002	-.4846531	-.1127749
NonWhite	-.4215817	.1194794	-3.53	0.001	-.6615551	-.1816084
education						
2	.3411319	.174137	1.96	0.056	-.0086353	.6908992
3	.1470649	.10931	1.35	0.185	-.0724886	.3666184
4	.2004647	.1231525	1.63	0.110	-.046895	.4478245
5	.0683982	.1505572	0.45	0.652	-.2340003	.3707967
totwealth_2012						
2	.1287761	.0794956	1.62	0.112	-.0309142	.2884664
3	-.5456876	.2600175	-2.10	0.041	-1.067931	-.0234439
4	-.8084243	.7762132	-1.04	0.303	-2.367422	.7505734
5	-49.87678	.	.	.	.	.
marital_2012						
2	-.207907	.2040394	-1.02	0.313	-.6177174	.2019034
3	-.1009188	.2306849	-0.44	0.664	-.5642413	.3624038
4	-.1229942	.186104	-0.66	0.512	-.4967784	.25079
work_st_2012	-.0148072	.1129598	-0.13	0.896	-.2416879	.2120735
smoking_2012						
2	.2729723	.0913853	2.99	0.004	.0893976	.456547
3	.8731117	.1726375	5.06	0.000	.5263112	1.219912
alcohol_2012						
2	-.0532512	.1309174	-0.41	0.686	-.3162216	.2097191
3	-.2756275	.1210581	-2.28	0.028	-.5202553	-.0309996
4	-.1824427	.1193727	-1.53	0.134	-.423007	.0581217

physic_act_2012	-.2035607	.0529891	-3.84	0.000	-.3099921	-.0971293
2.srh_2012	.4616555	.0980413	4.71	0.000	.2647423	.6585688
bmibr_2012						
2	-.2376239	.071026	-3.35	0.002	-.3802954	-.0949523
3	-.097813	.1186781	-0.82	0.414	-.3361743	.1405482
cardiometcondbr_2012	.3611657	.0620842	5.82	0.000	.2364695	.4858618
cesd_2012	.0339028	.0247192	1.37	0.176	-.015746	.0835516
hei2015_total_score	-.0077383	.0037141	-2.08	0.042	-.0151981	-.0002785

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,805
Number of strata =	52	Population size =	24,815,788
Number of PSUs =	104	Subpop. no. obs =	2,804
		Subpop. size =	24,807,604
		Average RVI =	.
		Largest FMI =	.
		Complete DF =	52
DF adjustment: Small sample	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F( 27, 50.0)	=	62.74
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
expert_dem	.7082521	.1001177	7.07	0.000	.5071656	.9093385
AGE2012	.098596	.0080324	12.27	0.000	.0824631	.114729
SEX	-.3082515	.087125	-3.54	0.001	-.4832611	-.133242
NonWhite	-.3929619	.1232553	-3.19	0.002	-.6405185	-.1454053
education						
2	.3962238	.1799127	2.20	0.032	.0348457	.7576018
3	.1843247	.1090976	1.69	0.097	-.0348065	.4034559
4	.2690168	.1188428	2.26	0.028	.0303151	.5077186
5	.1332648	.1424002	0.94	0.354	-.1527484	.419278
totwealth_2012						
2	.125502	.0799152	1.57	0.123	-.0350454	.2860494
3	-.5338462	.2543696	-2.10	0.041	-1.044753	-.0229396
4	-.8190169	.7947559	-1.03	0.308	-2.415269	.7772349
5	-49.35251	.	.	.	.	.
marital_2012						
2	-.2366896	.1984414	-1.19	0.239	-.6352563	.161877
3	-.1366305	.2316436	-0.59	0.558	-.6018783	.3286173
4	-.1541337	.1802616	-0.86	0.397	-.5161839	.2079166
work_st_2012	.0163629	.1103412	0.15	0.883	-.205257	.2379829
smoking_2012						
2	.2684417	.0951095	2.82	0.007	.0773951	.4594884
3	.8697244	.1708692	5.09	0.000	.526473	1.212976
alcohol_2012						
2	-.0190849	.1231948	-0.15	0.878	-.2665748	.2284051
3	-.281677	.1248962	-2.26	0.030	-.5344587	-.0288952
4	-.2052491	.1189257	-1.73	0.092	-.4452026	.0347045

physic_act_2012	-.2014108	.0544291	-3.70	0.001	-.3107347	-.0920869
2.srh_2012	.4715158	.0986	4.78	0.000	.2734789	.6695528
bmibr_2012						
2	-.2276426	.0718402	-3.17	0.003	-.3719509	-.0833344
3	-.1031171	.1217155	-0.85	0.401	-.3475796	.1413455
cardiometcondbr_2012	.3278718	.0621228	5.28	0.000	.2030978	.4526457
cesd_2012	.0324143	.025003	1.30	0.201	-.0178042	.0826328
hei2015_total_score	-.007761	.0038452	-2.02	0.049	-.0154843	-.0000377

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,805
Number of strata =	52	Population size =	24,815,788
Number of PSUs =	104	Subpop. no. obs =	2,804
		Subpop. size =	24,807,604
		Average RVI =	.
		Largest FMI =	.
		Complete DF =	52
DF adjustment: Small sample	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F( 27, 50.0)	=	72.41
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lasso_dem	.6244131	.1066795	5.85	0.000	.410142	.8386843
AGE2012	.1003024	.0075466	13.29	0.000	.0851452	.1154596
SEX	-.3376186	.0850167	-3.97	0.000	-.5083878	-.1668493
NonWhite	-.4338915	.1132523	-3.83	0.000	-.6613581	-.2064249
education						
2	.4046362	.1797103	2.25	0.029	.0436748	.7655976
3	.1692485	.1184961	1.43	0.159	-.0687545	.4072515
4	.2226373	.1305607	1.71	0.094	-.0395995	.484874
5	.0998886	.153178	0.65	0.517	-.2077716	.4075487
totwealth_2012						
2	.1313124	.0768843	1.71	0.094	-.0231394	.2857641
3	-.5535202	.2588846	-2.14	0.037	-1.073491	-.0335495
4	-.8074179	.774652	-1.04	0.302	-2.363282	.7484464
5	-42.27462	.	.	.	.	.
marital_2012						
2	-.1972434	.2083897	-0.95	0.348	-.6157911	.2213044
3	-.0960386	.2355332	-0.41	0.685	-.5690982	.3770209
4	-.1137205	.1881093	-0.60	0.548	-.4915324	.2640914
work_st_2012	.0060129	.110475	0.05	0.957	-.2158765	.2279024
smoking_2012						
2	.2791539	.0952101	2.93	0.005	.0878989	.4704089
3	.8719063	.1733004	5.03	0.000	.5237796	1.220033
alcohol_2012						
2	-.0286585	.1226119	-0.23	0.816	-.2749477	.2176308
3	-.2726813	.1206348	-2.26	0.030	-.5167922	-.0285704
4	-.1579729	.1179353	-1.34	0.187	-.3958312	.0798854

physic_act_2012	-.195171	.0534517	-3.65	0.001	-.3025337	-.0878083
2.srh_2012	.4656337	.0951445	4.89	0.000	.2745389	.6567285
bmibr_2012						
2	-.1913372	.0717539	-2.67	0.010	-.3354677	-.0472067
3	-.0645865	.1215033	-0.53	0.597	-.3086212	.1794482
cardiometcondbr_2012	.3481745	.0645746	5.39	0.000	.218476	.4778729
cesd_2012	.0355204	.0252159	1.41	0.165	-.015126	.0861668
hei2015_total_score	-.0081238	.0039237	-2.07	0.044	-.0160046	-.0002431

```

97 .
98 .
99 . *****MEN*****
100 .
101 .
102 . ***MODEL 1***
103 . foreach x of varlist foodinsecurity_tot lnhrud_odds lnexpert_odds lnlasso_odds {
      2. mi estimate: svy, subpop(Men): stcox `x' AGE2012 SEX NonWhite
      3.
104 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata =	52	Population size =	25,654,297
Number of PSUs =	104	Subpop. no. obs =	1,199
		Subpop. size =	11,113,326
		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)	=	36.69
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_tot	.0369141	.0631041	0.58	0.561	-.0898274	.1636557
AGE2012	.1061086	.0105682	10.04	0.000	.0848828	.1273343
SEX	0	(omitted)				
NonWhite	-.1287074	.1632591	-0.79	0.434	-.4566052	.1991904

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata =	52	Population size =	25,654,297
Number of PSUs =	104	Subpop. no. obs =	1,199
		Subpop. size =	11,113,326
		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)	=	92.40
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
Inhurd_odds	.1856722	.0174333	10.65	0.000	.1506582	.2206862
AGE2012	.0709249	.0107161	6.62	0.000	.0494021	.0924477
SEX	0 (omitted)					
NonWhite	-.3209459	.1631919	-1.97	0.055	-.6487087	.0068169

Multiple-imputation estimates  
Survey: Cox regression

Imputations = 5  
Number of obs = 2,887

Number of strata = 52  
Number of PSUs = 104

Population size = 25,654,297  
Subpop. no. obs = 1,199  
Subpop. size = 11,113,326  
Average RVI = 0.0000  
Largest FMI = 0.0000  
Complete DF = 52  
DF: min = 50.11  
avg = 50.11  
max = 50.11

Model F test: Equal FMI F( 3, 50.1) = 61.28  
Within VCE type: Linearized Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
Inexpert_odds	.240964	.0281436	8.56	0.000	.184439	.2974891
AGE2012	.0624709	.0117757	5.31	0.000	.03882	.0861219
SEX	0 (omitted)					
NonWhite	-.3493942	.1725601	-2.02	0.048	-.6959726	-.0028158

Multiple-imputation estimates  
Survey: Cox regression

Imputations = 5  
Number of obs = 2,887

Number of strata = 52  
Number of PSUs = 104

Population size = 25,654,297  
Subpop. no. obs = 1,199  
Subpop. size = 11,113,326  
Average RVI = 0.0000  
Largest FMI = 0.0000  
Complete DF = 52  
DF: min = 50.11  
avg = 50.11  
max = 50.11

Model F test: Equal FMI F( 3, 50.1) = 104.13  
Within VCE type: Linearized Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
Inlasso_odds	.27935	.0251185	11.12	0.000	.2289007	.3297992
AGE2012	.0670156	.0109248	6.13	0.000	.0450737	.0889575
SEX	0 (omitted)					
NonWhite	-.3397249	.169799	-2.00	0.051	-.6807578	.001308

```

105 .
106 .
107 . foreach x of varlist foodinsecurity_totbr hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(Men): stcox `x' AGE2012 SEX NonWhite
      3.
108 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata =	52	Population size =	25,654,297
Number of PSUs =	104	Subpop. no. obs =	1,199
		Subpop. size =	11,113,326
		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)	=	37.12
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_totbr	-.1004998	.2405103	-0.42	0.678	-.583553	.3825534
AGE2012	.1053661	.0105558	9.98	0.000	.0841652	.126567
SEX	0	(omitted)				
NonWhite	-.099184	.1616619	-0.61	0.542	-.423874	.225506

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata =	52	Population size =	25,654,297
Number of PSUs =	104	Subpop. no. obs =	1,199
		Subpop. size =	11,113,326
		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)	=	34.61
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
hurd_dem	.7984614	.1762528	4.53	0.000	.4444663	1.152457
AGE2012	.0881821	.0106002	8.32	0.000	.066892	.1094721
SEX	0	(omitted)				
NonWhite	-.1695621	.1648044	-1.03	0.308	-.5005635	.1614394

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887

Number of strata =	52	Population size =	25,654,297
Number of PSUs =	104	Subpop. no. obs =	1,199
		Subpop. size =	11,113,326
		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) =	52.24
Within VCE type:	Linearized	Prob > F =	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
expert_dem	1.052549	.1379163	7.63	0.000	.7755508	1.329547
AGE2012	.0881802	.0104586	8.43	0.000	.0671746	.1091858
SEX	0	(omitted)				
NonWhite	-.1307171	.1508466	-0.87	0.390	-.4336849	.1722508

Multiple-imputation estimates	Imputations =	5
Survey: Cox regression	Number of obs =	2,887
Number of strata =	52	
Number of PSUs =	104	
	Population size =	25,654,297
	Subpop. no. obs =	1,199
	Subpop. size =	11,113,326
	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) =
Within VCE type:	Linearized	Prob > F =

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lasso_dem	1.070777	.1385079	7.73	0.000	.7925909	1.348963
AGE2012	.0891737	.010152	8.78	0.000	.0687838	.1095635
SEX	0	(omitted)				
NonWhite	-.2641955	.1723627	-1.53	0.132	-.6103775	.0819866

109 .

110 .

111 . \*\*\*MODEL 2\*\*\*\*

```

112 . foreach x of varlist foodinsecurity_tot lnhrd_ods lnexpert_ods lnlasso_ods {
      2. mi estimate: svy, subpop(Men): stcox `x' AGE2012 SEX NonWhite i.education i.totwealth_2012 i.marital_2012 w
      > dbr_2012 cesd_2012 hei2015_total_score
      3.

```

113 . }

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,837
Number of strata =	52	Population size =	25,169,732
Number of PSUs =	104	Subpop. no. obs =	1,149
		Subpop. size =	10,628,761
		Average RVI =	11.8880
		Largest FMI =	0.9971
		Complete DF =	52
DF adjustment: Small sample	DF: min	=	0.33
	avg	=	47.34
	max	=	50.09
Model F test: Equal FMI	F( 27, 4.0)	=	33.94
Within VCE type: Linearized	Prob > F	=	0.0018

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_tot	-.0810731	.0703141	-1.15	0.254	-.2223014	.0601552
AGE2012	.1046713	.0109472	9.56	0.000	.0826828	.1266598
SEX	0 (omitted)					
NonWhite	-.3203801	.1990068	-1.61	0.114	-.7200832	.0793231
education						
2	.1183287	.3291472	0.36	0.721	-.5427663	.7794236
3	-.0969477	.1361366	-0.71	0.480	-.3706947	.1767994
4	.1475491	.1736183	0.85	0.400	-.2013251	.4964233
5	-.2472406	.2061579	-1.20	0.236	-.6614965	.1670152
totwealth_2012						
2	.040233	.1228196	0.33	0.745	-.2064915	.2869576
3	-.3620662	.3186188	-1.14	0.261	-1.002012	.2778793
4	-1.316394	.9958951	-1.32	0.192	-3.316623	.6838343
5	-36.72105	6.482866	-5.66	0.391	-20652.48	20579.03
marital_2012						
2	-.1638999	.5220004	-0.31	0.755	-1.21233	.8845301
3	-.2264849	.5785728	-0.39	0.697	-1.388532	.9355625
4	-.2234194	.5485287	-0.41	0.686	-1.325146	.8783072
work_st_2012	.0759873	.1391083	0.55	0.587	-.2034168	.3553913
smoking_2012						
2	.2526006	.1397791	1.81	0.077	-.0281774	.5333787
3	.884464	.2316797	3.82	0.000	.418901	1.350027
alcohol_2012						
2	-.312704	.2213821	-1.41	0.164	-.7575756	.1321675
3	-.3369467	.1711383	-1.97	0.055	-.6815505	.0076571
4	-.4373384	.1727597	-2.53	0.015	-.7864654	-.0882114
physic_act_2012	-.2120138	.0867454	-2.44	0.018	-.3862711	-.0377565
2.srh_2012	.5267739	.1269933	4.15	0.000	.2716635	.7818843
bmibr_2012						
2	-.4073896	.1141464	-3.57	0.001	-.6367765	-.1780028
3	-.2840927	.1704749	-1.67	0.102	-.62651	.0583246
cardiometcondbr_2012	.664864	.0765908	8.68	0.000	.5110209	.8187072
cesd_2012	.0558999	.0402139	1.39	0.171	-.0248791	.1366789
hei2015_total_score	-.002426	.0063088	-0.38	0.702	-.0150989	.0102469



Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,837
Number of strata	= 52	Population size	=	25,169,732
Number of PSUs	= 104	Subpop. no. obs	=	1,149
		Subpop. size	=	10,628,761
		Average RVI	=	.
		Largest FMI	=	.
		Complete DF	=	52
DF adjustment: Small sample		DF: min	=	0.00
		avg	=	.
		max	=	.
Model F test: Equal FMI		F( 26, 50.0)	=	38.35
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnhurd_odds	.1522156	.0334025	4.56	0.000	.085124	.2193073
AGE2012	.0801788	.0121904	6.58	0.000	.0556937	.104664
SEX	0 (omitted)					
NonWhite	-.3820007	.192654	-1.98	0.053	-.7689476	.0049462
education						
2	.2413078	.3181285	0.76	0.452	-.3976614	.880277
3	.0255511	.129538	0.20	0.844	-.2348527	.285955
4	.256176	.1709986	1.50	0.140	-.0874039	.5997558
5	-.0214128	.2134498	-0.10	0.920	-.4502703	.4074446
totwealth_2012						
2	.1415589	.1079032	1.31	0.196	-.0752211	.358339
3	-.1727834	.3105409	-0.56	0.580	-.7965133	.4509465
4	-1.190989	1.013483	-1.18	0.245	-3.226547	.8445696
5	-40.15567	.	.	.	.	.
marital_2012						
2	-.2232602	.570046	-0.39	0.697	-1.368189	.921669
3	-.2467916	.6375163	-0.39	0.700	-1.527227	1.033643
4	-.2048353	.6101033	-0.34	0.738	-1.430224	1.020553
work_st_2012	.1257771	.1380429	0.91	0.367	-.1514852	.4030394
smoking_2012						
2	.2611454	.1435896	1.82	0.075	-.0273086	.5495994
3	.949608	.2355074	4.03	0.000	.4762875	1.422928
alcohol_2012						
2	-.2056292	.2256794	-0.91	0.367	-.6590905	.247832
3	-.3057211	.180259	-1.70	0.097	-.6687927	.0573504
4	-.3801831	.1611046	-2.36	0.023	-.7057093	-.0546569
physic_act_2012	-.1716992	.0869736	-1.97	0.054	-.3464194	.003021
2.srh_2012	.4684	.1266332	3.70	0.001	.214016	.7227839
bmibr_2012						
2	-.3984346	.1203926	-3.31	0.002	-.6403185	-.1565506
3	-.2579564	.1733086	-1.49	0.143	-.606063	.0901502
cardiometcondbr_2012	.6690535	.0801195	8.35	0.000	.5081189	.8299882
cesd_2012	.0233095	.0378598	0.62	0.541	-.0527399	.099359
hei2015_total_score	-.0020304	.0060875	-0.33	0.740	-.0142586	.0101979

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,837
Number of strata	= 52	Population size	=	25,169,732
Number of PSUs	= 104	Subpop. no. obs	=	1,149
		Subpop. size	=	10,628,761
		Average RVI	=	0.4209
		Largest FMI	=	0.9130
		Complete DF	=	52
DF adjustment: Small sample		DF: min	=	2.88
		avg	=	47.25
		max	=	50.08
Model F test: Equal FMI		F( 27, 46.0)	=	149.32
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnexpert_odds	.1538093	.0340839	4.51	0.000	.0853499	.2222686
AGE2012	.0806278	.012953	6.22	0.000	.0546117	.1066439
SEX	0 (omitted)					
NonWhite	-.3360394	.1944578	-1.73	0.090	-.7266111	.0545323
education						
2	.3171703	.3078946	1.03	0.308	-.3012467	.9355873
3	.0438935	.1392653	0.32	0.754	-.2361611	.323948
4	.2867575	.1729899	1.66	0.104	-.0608723	.6343874
5	.0131575	.2085126	0.06	0.950	-.4057779	.432093
totwealth_2012						
2	.1548788	.1140604	1.36	0.181	-.0742993	.3840568
3	-.1717483	.3088928	-0.56	0.581	-.7921923	.4486958
4	-1.191728	1.004615	-1.19	0.241	-3.209493	.8260379
5	-31.45566	1.569695	-20.04	0.000	-36.57366	-26.33766
marital_2012						
2	-.1181006	.5700184	-0.21	0.837	-1.262975	1.026774
3	-.1457334	.6407313	-0.23	0.821	-1.432631	1.141164
4	-.1116693	.602639	-0.19	0.854	-1.322066	1.098728
work_st_2012	.1247574	.1277843	0.98	0.334	-.1319071	.3814219
smoking_2012						
2	.2197422	.1435779	1.53	0.132	-.0686936	.508178
3	.8917724	.2349164	3.80	0.000	.4196389	1.363906
alcohol_2012						
2	-.2338616	.227919	-1.03	0.310	-.6920009	.2242777
3	-.2872764	.1856926	-1.55	0.129	-.6618934	.0873406
4	-.3776252	.1710784	-2.21	0.033	-.723448	-.0318025
physic_act_2012	-.1633354	.0896545	-1.82	0.075	-.3434405	.0167698
2.srh_2012	.462083	.12757	3.62	0.001	.205798	.7183681
bmibr_2012						
2	-.3800707	.1174728	-3.24	0.002	-.6160999	-.1440414
3	-.2473923	.1710648	-1.45	0.154	-.5909931	.0962085
cardiometcondbr_2012	.6066934	.0785326	7.73	0.000	.448944	.7644428
cesd_2012	.025981	.0380961	0.68	0.498	-.0505436	.1025056
hei2015_total_score	-.0017808	.0061599	-0.29	0.774	-.014155	.0105935

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,837
Number of strata	= 52	Population size	=	25,169,732
Number of PSUs	= 104	Subpop. no. obs	=	1,149
		Subpop. size	=	10,628,761
		Average RVI	=	6.1655
		Largest FMI	=	0.9958
		Complete DF	=	52
DF adjustment: Small sample		DF: min	=	0.43
		avg	=	47.17
		max	=	50.08
Model F test: Equal FMI		F( 27, 11.4)	=	39.16
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnlasso_odds	.2053447	.0350284	5.86	0.000	.1349862	.2757033
AGE2012	.0797592	.0128219	6.22	0.000	.0540063	.1055121
SEX	0 (omitted)					
NonWhite	-.297662	.1865326	-1.60	0.117	-.6723169	.0769928
education						
2	.345859	.3087769	1.12	0.268	-.2743382	.9660563
3	.0561024	.1406229	0.40	0.692	-.2266398	.3388447
4	.3061323	.1746969	1.75	0.086	-.044894	.6571587
5	.0414748	.2182521	0.19	0.850	-.3970028	.4799524
totwealth_2012						
2	.1467049	.1115096	1.32	0.194	-.0773393	.3707492
3	-.1967598	.2999877	-0.66	0.515	-.7993118	.4057923
4	-1.219915	1.014501	-1.20	0.235	-3.257532	.8177023
5	-32.963	5.549015	-5.94	0.302	-2128.377	2062.451
marital_2012						
2	-.1795532	.5738973	-0.31	0.756	-1.332217	.973111
3	-.2151144	.6483327	-0.33	0.741	-1.517278	1.087049
4	-.1418012	.6107808	-0.23	0.817	-1.36855	1.084948
work_st_2012	.104938	.1324751	0.79	0.432	-.161144	.37102
smoking_2012						
2	.2484394	.1422817	1.75	0.087	-.037397	.5342757
3	.9123127	.2370225	3.85	0.000	.4360005	1.388625
alcohol_2012						
2	-.2162824	.2248717	-0.96	0.341	-.6682661	.2357012
3	-.2902407	.1880947	-1.54	0.130	-.6698729	.0893916
4	-.3514285	.1660124	-2.12	0.041	-.6871076	-.0157494
physic_act_2012	-.1706899	.0895534	-1.91	0.062	-.350602	.0092222
2.srh_2012	.4816256	.1243098	3.87	0.000	.2318941	.731357
bmibr_2012						
2	-.3377105	.1223666	-2.76	0.008	-.5835576	-.0918635
3	-.183417	.1795254	-1.02	0.312	-.5440119	.1771778
cardiometcondbr_2012	.6328428	.0796097	7.95	0.000	.4729372	.7927484
cesd_2012	.0160847	.0387356	0.42	0.680	-.061725	.0938943
hei2015_total_score	-.0008706	.0061797	-0.14	0.889	-.013284	.0115429

```

114 .
115 . foreach x of varlist foodinsecurity_totbr hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(Men): stcox `x' AGE2012 SEX NonWhite i.education i.totwealth_2012 i.marital_2012 w
      > dbr_2012 cesd_2012 hei2015_total_score
      3.
116 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,837
Number of strata =	52	Population size =	25,169,732
Number of PSUs =	104	Subpop. no. obs =	1,149
		Subpop. size =	10,628,761
		Average RVI =	19.4959
		Largest FMI =	0.9984
		Complete DF =	52
DF adjustment: Small sample	DF: min	=	0.20
	avg	=	47.29
	max	=	50.09
Model F test: Equal FMI	F( 27, 56.7)	=	23.59
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_totbr	-.5700091	.2672604	-2.13	0.038	-1.10681	-.0332087
AGE2012	.1044376	.0109072	9.58	0.000	.0825294	.1263459
SEX	0 (omitted)					
NonWhite	-.3123775	.1996339	-1.56	0.124	-.7133414	.0885864
education						
2	.0877567	.3316214	0.26	0.792	-.5783083	.7538216
3	-.1041572	.1360022	-0.77	0.448	-.3776504	.1693361
4	.1409014	.1743998	0.81	0.423	-.2095511	.4913539
5	-.2539515	.2055634	-1.24	0.223	-.6670187	.1591157
totwealth_2012						
2	.0105044	.1212777	0.09	0.931	-.2331281	.254137
3	-.3975032	.3180217	-1.25	0.217	-1.036251	.2412444
4	-1.360539	1.003139	-1.36	0.181	-3.375318	.6542412
5	-38.36622	8.488767	-4.52	0.559	-7993532	7993455
marital_2012						
2	-.1727701	.5149506	-0.34	0.739	-1.207039	.8614986
3	-.2557931	.5703823	-0.45	0.656	-1.40139	.8898036
4	-.228216	.5403067	-0.42	0.675	-1.313429	.8569973
work_st_2012	.0839822	.138938	0.60	0.548	-.1950811	.3630456
smoking_2012						
2	.2539812	.1388878	1.83	0.073	-.0250054	.5329678
3	.8770527	.2280297	3.85	0.000	.418801	1.335304
alcohol_2012						
2	-.3101	.2223139	-1.39	0.169	-.7568518	.1366518
3	-.3417541	.1714559	-1.99	0.052	-.687046	.0035378
4	-.4452102	.1728674	-2.58	0.014	-.7946175	-.095803
physic_act_2012	-.2106909	.086426	-2.44	0.018	-.3843097	-.037072
2.srh_2012	.5435018	.1282143	4.24	0.000	.2859351	.8010685

bmibr_2012						
2	-.3909862	.1152207	-3.39	0.001	-.6225358	-.1594366
3	-.2750226	.1714927	-1.60	0.115	-.6194854	.0694402
cardiometcondbr_2012	.6519417	.0774149	8.42	0.000	.4964415	.8074418
cesd_2012	.0633789	.0381546	1.66	0.103	-.0132656	.1400235
hei2015_total_score	-.0024122	.0063229	-0.38	0.704	-.0151136	.0102892

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,837
Number of strata =	52	Population size =	25,169,732
Number of PSUs =	104	Subpop. no. obs =	1,149
		Subpop. size =	10,628,761
		Average RVI =	10.5401
		Largest FMI =	0.9971
		Complete DF =	52
DF adjustment: Small sample	DF: min	=	0.32
	avg	=	47.28
	max	=	50.09
Model F test: Equal FMI	F( 27, 4.1)	=	36.32
Within VCE type: Linearized	Prob > F	=	0.0015

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
hurldem	.4428961	.1835478	2.41	0.020	.0742223	.8115699
AGE2012	.0965878	.0112307	8.60	0.000	.0740308	.1191448
SEX	0 (omitted)					
NonWhite	-.2949066	.1902467	-1.55	0.127	-.6770227	.0872095
education						
2	.2301504	.3211628	0.72	0.477	-.4149124	.8752133
3	.0006231	.1333752	0.00	0.996	-.2675491	.2687953
4	.2405782	.1634834	1.47	0.148	-.0879287	.569085
5	-.1450374	.2141982	-0.68	0.501	-.5753833	.2853085
totwealth_2012						
2	.1123021	.1159256	0.97	0.337	-.120593	.3451973
3	-.2609833	.3154934	-0.83	0.412	-.8946638	.3726973
4	-1.244166	1.010478	-1.23	0.224	-3.27369	.7853593
5	-37.89679	6.440848	-5.88	0.390	-22427.29	22351.5
marital_2012						
2	-.2312574	.5320922	-0.43	0.666	-1.299958	.8374432
3	-.2146062	.5945994	-0.36	0.720	-1.408843	.9796303
4	-.2744006	.5647035	-0.49	0.629	-1.408608	.8598068
work_st_2012	.0518656	.1412588	0.37	0.715	-.2318584	.3355897
smoking_2012						
2	.2673044	.1408839	1.90	0.064	-.0157031	.5503119
3	.8823901	.2338311	3.77	0.000	.4125382	1.352242
alcohol_2012						
2	-.2863957	.2238495	-1.28	0.207	-.7361992	.1634078
3	-.3109503	.1747676	-1.78	0.082	-.6632796	.041379
4	-.4035288	.1635372	-2.47	0.018	-.7340406	-.0730169
physic_act_2012	-.1850331	.0882976	-2.10	0.041	-.3624124	-.0076538
2.srh_2012	.4935127	.1339277	3.68	0.001	.2244764	.7625491

bmibr_2012						
2	-.4187575	.1114437	-3.76	0.000	-.6426969	-.1948182
3	-.2630068	.1711543	-1.54	0.131	-.6067881	.0807744
cardiometcondbr_2012	.6605652	.076924	8.59	0.000	.5060572	.8150733
cesd_2012	.0378162	.0394025	0.96	0.342	-.041332	.1169645
hei2015_total_score	-.0022478	.0059956	-0.37	0.709	-.0142917	.009796

Multiple-imputation estimates  
Survey: Cox regression

Imputations = 5  
Number of obs = 2,837

Number of strata = 52  
Number of PSUs = 104

Population size = 25,169,732  
Subpop. no. obs = 1,149  
Subpop. size = 10,628,761  
Average RVI = 6.9037  
Largest FMI = 0.9953  
Complete DF = 52  
DF: min = 0.48  
avg = 47.22  
max = 50.09

DF adjustment: Small sample

Model F test: Equal FMI  
Within VCE type: Linearized

F( 27, 9.2) = 44.90  
Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
expert_dem	.6732172	.1265019	5.32	0.000	.4190693	.9273651
AGE2012	.0936899	.0116232	8.06	0.000	.0703444	.1170354
SEX	0 (omitted)					
NonWhite	-.2724295	.1872393	-1.45	0.152	-.6485127	.1036537
education						
2	.2489409	.3183828	0.78	0.438	-.3905412	.888423
3	-.0096837	.1392139	-0.07	0.945	-.2897279	.2703606
4	.2509424	.1641036	1.53	0.133	-.0788497	.5807345
5	-.0888497	.2134889	-0.42	0.679	-.5177484	.3400489
totwealth_2012						
2	.0997537	.1198297	0.83	0.409	-.141005	.3405124
3	-.2726547	.3050332	-0.89	0.376	-.8853477	.3400382
4	-1.33767	1.023399	-1.31	0.197	-3.393159	.7178189
5	-35.09385	5.208815	-6.74	0.260	-1157.033	1086.845
marital_2012						
2	-.2582462	.5356089	-0.48	0.632	-1.334011	.8175184
3	-.2540666	.603149	-0.42	0.675	-1.465474	.957341
4	-.2684872	.5618726	-0.48	0.635	-1.397003	.8600282
work_st_2012	.0926385	.1284874	0.72	0.474	-.1654411	.350718
smoking_2012						
2	.2225938	.1420067	1.57	0.123	-.062668	.5078557
3	.831029	.2362407	3.52	0.001	.3562323	1.305826
alcohol_2012						
2	-.2530222	.2227233	-1.14	0.261	-.7006039	.1945595
3	-.3365229	.1808649	-1.86	0.070	-.7011241	.0280784
4	-.4568065	.1742778	-2.62	0.012	-.8087598	-.1048532
physic_act_2012	-.1753563	.0910021	-1.93	0.060	-.3581615	.0074489
2.srh_2012	.4992929	.1303712	3.83	0.000	.2373817	.7612042

bmibr_2012						
2	-.3889374	.1120038	-3.47	0.001	-.6140126	-.1638621
3	-.2564395	.1705642	-1.50	0.139	-.5990415	.0861625
cardiometcondbr_2012	.611885	.0717078	8.53	0.000	.4678459	.7559241
cesd_2012	.0386217	.0369336	1.05	0.301	-.0355682	.1128116
hei2015_total_score	-.001461	.0059677	-0.24	0.808	-.0134511	.010529

Multiple-imputation estimates  
Survey: Cox regression

Imputations = 5  
Number of obs = 2,837

Number of strata = 52  
Number of PSUs = 104

Population size = 25,169,732  
Subpop. no. obs = 1,149  
Subpop. size = 10,628,761  
Average RVI = .  
Largest FMI = .  
Complete DF = 52  
DF: min = 0.00  
avg = .  
max = .

DF adjustment: Small sample

Model F test: Equal FMI  
Within VCE type: Linearized

F( 26, 50.0) = 38.92  
Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lasso_dem	.6975185	.117869	5.92	0.000	.460723	.934314
AGE2012	.0964008	.0113556	8.49	0.000	.0735926	.119209
SEX	0 (omitted)					
NonWhite	-.2916601	.189687	-1.54	0.130	-.6726498	.0893295
education						
2	.2917067	.3153795	0.92	0.359	-.3417447	.9251581
3	.0039175	.1426831	0.03	0.978	-.2830193	.2908544
4	.2267106	.1708474	1.33	0.191	-.1166115	.5700326
5	-.1162642	.2252524	-0.52	0.608	-.5687958	.3362675
totwealth_2012						
2	.1062963	.120271	0.88	0.381	-.1353399	.3479326
3	-.285344	.3102238	-0.92	0.362	-.908454	.3377661
4	-1.297959	1.026057	-1.26	0.212	-3.358781	.7628636
5	-37.97731	.	.	.	.	.
marital_2012						
2	-.2750582	.5354306	-0.51	0.610	-1.350466	.8003497
3	-.2749841	.6058678	-0.45	0.652	-1.491856	.9418877
4	-.2841369	.5622017	-0.51	0.615	-1.41332	.8450461
work_st_2012	.0781078	.1343569	0.58	0.564	-.1917542	.3479697
smoking_2012						
2	.2270586	.1387722	1.64	0.108	-.0517081	.5058254
3	.8486329	.2350322	3.61	0.001	.3764085	1.320857
alcohol_2012						
2	-.2604067	.2115619	-1.23	0.224	-.6856119	.1647984
3	-.3220829	.1749304	-1.84	0.073	-.6752	.0310343
4	-.3929844	.1645016	-2.39	0.022	-.7256022	-.0603666
physic_act_2012	-.1625918	.0892429	-1.82	0.075	-.3418815	.016698
2.srh_2012	.4901767	.1304931	3.76	0.000	.2280347	.7523187

bmibr_2012						
2	-.3416506	.1061589	-3.22	0.002	-.5549665	-.1283347
3	-.2004879	.1726789	-1.16	0.251	-.547333	.1463572
cardiometcondbr_2012	.6315718	.0766134	8.24	0.000	.4776871	.7854565
cesd_2012	.035602	.0389885	0.91	0.366	-.0427155	.1139195
hei2015_total_score	-.0025821	.0060885	-0.42	0.673	-.0148129	.0096488

```

117 .
118 .
119 . *****WOMEN*****
120 .
121 . ***MODEL 1***
122 . foreach x of varlist foodinsecurity_tot lnhrud_odds lnexpert_odds lnlasso_odds {
      2. mi estimate: svy, subpop(Women): stcox `x' AGE2012 SEX NonWhite
      3.
123 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata = 52	Population size	=	25,654,297
Number of PSUs = 104	Subpop. no. obs	=	1,687
	Subpop. size	=	14,532,787
	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)	=	121.10
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_tot	.0342987	.0643522	0.53	0.596	-.0949494	.1635469
AGE2012	.113199	.006029	18.78	0.000	.10109	.125308
SEX	0 (omitted)					
NonWhite	-.3387286	.1204046	-2.81	0.007	-.5805553	-.0969019

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata = 52	Population size	=	25,654,297
Number of PSUs = 104	Subpop. no. obs	=	1,687
	Subpop. size	=	14,532,787
	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)	=	119.10
Within VCE type: Linearized	Prob > F	=	0.0000



_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
Inhurd_odds	.0968395	.0156526	6.19	0.000	.065402	.128277
AGE2012	.0876616	.0069183	12.67	0.000	.0737665	.1015567
SEX	0 (omitted)					
NonWhite	-.4000959	.1197518	-3.34	0.002	-.6406114	-.1595803

Multiple-imputation estimates  
Survey: Cox regression

Imputations = 5  
Number of obs = 2,887

Number of strata = 52  
Number of PSUs = 104

Population size = 25,654,297  
Subpop. no. obs = 1,687  
Subpop. size = 14,532,787  
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  
Within VCE type: Linearized

F( 3, 50.1) = 162.00  
Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
Inexpert_odds	.1585513	.0198693	7.98	0.000	.1186447	.1984578
AGE2012	.0733605	.007151	10.26	0.000	.0589981	.0877229
SEX	0 (omitted)					
NonWhite	-.5465855	.1339846	-4.08	0.000	-.8156869	-.2774841

Multiple-imputation estimates  
Survey: Cox regression

Imputations = 5  
Number of obs = 2,887

Number of strata = 52  
Number of PSUs = 104

Population size = 25,654,297  
Subpop. no. obs = 1,687  
Subpop. size = 14,532,787  
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  
Within VCE type: Linearized

F( 3, 50.1) = 165.92  
Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
Inlasso_odds	.1937329	.022846	8.48	0.000	.1478479	.2396178
AGE2012	.0764634	.006668	11.47	0.000	.063071	.0898557
SEX	0 (omitted)					
NonWhite	-.4681689	.1212836	-3.86	0.000	-.711761	-.2245768

```

124 .
125 .
126 . foreach x of varlist foodinsecurity_totbr hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(Women): stcox `x' AGE2012 SEX NonWhite
      3.
127 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata =	52	Population size =	25,654,297
Number of PSUs =	104	Subpop. no. obs =	1,687
		Subpop. size =	14,532,787
		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)	=	120.92
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_totbr	.0542101	.2349073	0.23	0.818	-.4175897	.5260099
AGE2012	.1127847	.0060344	18.69	0.000	.1006648	.1249046
SEX	0	(omitted)				
NonWhite	-.3226833	.1194078	-2.70	0.009	-.562508	-.0828586

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata =	52	Population size =	25,654,297
Number of PSUs =	104	Subpop. no. obs =	1,687
		Subpop. size =	14,532,787
		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)	=	135.48
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
hurd_dem	.7263141	.1238681	5.86	0.000	.4775311	.9750972
AGE2012	.0929512	.0071571	12.99	0.000	.0785765	.1073259
SEX	0	(omitted)				
NonWhite	-.3977469	.12901	-3.08	0.003	-.6568571	-.1386367

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887

Number of strata =	52	Population size =	25,654,297
Number of PSUs =	104	Subpop. no. obs =	1,687
		Subpop. size =	14,532,787
		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) =	167.00
Within VCE type:	Linearized	Prob > F =	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
expert_dem	.8352433	.1226283	6.81	0.000	.5889505	1.081536
AGE2012	.092017	.0065487	14.05	0.000	.0788643	.1051696
SEX	0	(omitted)				
NonWhite	-.4176458	.1382229	-3.02	0.004	-.6952597	-.1400319

Multiple-imputation estimates	Imputations =	5
Survey: Cox regression	Number of obs =	2,887
Number of strata =	Population size =	25,654,297
Number of PSUs =	Subpop. no. obs =	1,687
	Subpop. size =	14,532,787
	Average RVI =	0.0000
	Largest FMI =	0.0000
	Complete DF =	52
DF adjustment:	Small sample	DF: min =
		avg =
		max =
Model F test:	Equal FMI	F( 3, 50.1) =
Within VCE type:	Linearized	Prob > F =

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lasso_dem	.7211001	.1273823	5.66	0.000	.4652591	.9769411
AGE2012	.0924582	.0071051	13.01	0.000	.078188	.1067285
SEX	0	(omitted)				
NonWhite	-.4337426	.1252219	-3.46	0.001	-.6852445	-.1822406

128 .

129 . \*\*\*MODEL 2\*\*\*\*

```

130 . foreach x of varlist foodinsecurity_tot ln_hurd_odds lnexpert_odds lnlasso_odds {
      2. mi estimate: svy, subpop(Women): stcox `x' AGE2012 SEX NonWhite i.education i.totwealth_2012 i.marital_2012
      > ondbl_2012 cesd_2012 hei2015_total_score
      3.

```

131 . }

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,855
Number of strata =	52	Population size =	25,300,353
Number of PSUs =	104	Subpop. no. obs =	1,655
		Subpop. size =	14,178,843
		Average RVI =	9.4846
		Largest FMI =	0.9955
		Complete DF =	52
DF adjustment: Small sample	DF: min	=	0.46
	avg	=	47.87
	max	=	50.11
Model F test: Equal FMI	F( 27, 4.6)	=	38.32
Within VCE type: Linearized	Prob > F	=	0.0006

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_tot	-.050999	.0642779	-0.79	0.431	-.1800986	.0781007
AGE2012	.1125379	.0092253	12.20	0.000	.0940091	.1310666
SEX	0 (omitted)					
NonWhite	-.4504925	.1446611	-3.11	0.003	-.7410395	-.1599455
education						
2	.4450175	.2630516	1.69	0.097	-.0833161	.9733511
3	.0985741	.1600491	0.62	0.541	-.222884	.4200321
4	.0756625	.1718662	0.44	0.662	-.2695304	.4208555
5	.0965753	.172903	0.56	0.579	-.2506947	.4438454
totwealth_2012						
2	.0653583	.1091066	0.60	0.552	-.1537878	.2845044
3	-1.40054	.4529794	-3.09	0.003	-2.310335	-.4907451
4	-.5689311	1.022214	-0.56	0.580	-2.622005	1.484143
5	-38.57653	6.847537	-5.63	0.292	-1826.072	1748.919
marital_2012						
2	-.2555308	.2521245	-1.01	0.316	-.761917	.2508554
3	-.0516103	.2671567	-0.19	0.848	-.5881952	.4849745
4	-.080944	.2524952	-0.32	0.750	-.5880741	.426186
work_st_2012	.0054816	.20388	0.03	0.979	-.4040022	.4149654
smoking_2012						
2	.2788456	.1165424	2.39	0.021	.044768	.5129231
3	.9370936	.2549668	3.68	0.001	.4249978	1.449189
alcohol_2012						
2	.1287233	.1255187	1.03	0.310	-.1235563	.3810029
3	-.3291775	.1678089	-1.96	0.056	-.6676162	.0092613
4	.0708138	.1691099	0.42	0.677	-.2690907	.4107182
physic_act_2012	-.2683078	.0738019	-3.64	0.001	-.4165364	-.1200792
2.srh_2012	.4459328	.1233002	3.62	0.001	.1982868	.6935788
bmibr_2012						
2	-.1691874	.1120508	-1.51	0.137	-.394256	.0558813
3	-.1107209	.1652905	-0.67	0.506	-.4427035	.2212617
cardiometcondbr_2012	.1452303	.0850489	1.71	0.094	-.0255878	.3160484
cesd_2012	.0460913	.0246954	1.87	0.068	-.0035084	.0956909
hei2015_total_score	-.0105227	.0044243	-2.38	0.021	-.0194088	-.0016366

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,855
Number of strata	= 52	Population size	=	25,300,353
Number of PSUs	= 104	Subpop. no. obs	=	1,655
		Subpop. size	=	14,178,843
		Average RVI	=	9.9444
		Largest FMI	=	0.9960
		Complete DF	=	52
DF adjustment: Small sample		DF: min	=	0.41
		avg	=	47.88
		max	=	50.10
Model F test: Equal FMI		F( 27, 4.3)	=	41.00
Within VCE type: Linearized		Prob > F	=	0.0008

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnhurd_odds	.0893864	.0207456	4.31	0.000	.0477197	.131053
AGE2012	.0967297	.0098267	9.84	0.000	.0769932	.1164663
SEX	0 (omitted)					
NonWhite	-.5237788	.1540203	-3.40	0.001	-.8331225	-.2144351
education						
2	.492022	.248237	1.98	0.053	-.0065597	.9906037
3	.1749086	.1592998	1.10	0.277	-.1450425	.4948597
4	.1446183	.1661045	0.87	0.388	-.1890043	.4782408
5	.2298042	.1708505	1.35	0.185	-.1133419	.5729504
totwealth_2012						
2	.1057788	.1096187	0.96	0.339	-.1143985	.325956
3	-1.334248	.4434482	-3.01	0.004	-2.224904	-.4435918
4	-.4165706	1.01146	-0.41	0.682	-2.44805	1.614909
5	-43.87858	7.365284	-5.96	0.315	-3807.398	3719.641
marital_2012						
2	-.2797842	.245234	-1.14	0.259	-.772331	.2127625
3	-.0785796	.2633077	-0.30	0.767	-.607432	.4502727
4	-.0978043	.2449154	-0.40	0.691	-.589709	.3941005
work_st_2012	.0392852	.2044595	0.19	0.848	-.3713624	.4499329
smoking_2012						
2	.2764913	.1159596	2.38	0.021	.0435856	.5093971
3	.8582959	.2389515	3.59	0.001	.3783686	1.338223
alcohol_2012						
2	.1733951	.1284127	1.35	0.183	-.0846917	.4314819
3	-.2888242	.1683372	-1.72	0.093	-.6282922	.0506437
4	-.0026865	.1787205	-0.02	0.988	-.3618736	.3565006
physic_act_2012	-.2124929	.0719315	-2.95	0.005	-.3569654	-.0680205
2.srh_2012	.4026749	.1290483	3.12	0.003	.1434849	.6618648
bmibr_2012						
2	-.1221603	.1120338	-1.09	0.281	-.3471949	.1028744
3	-.0180389	.1655726	-0.11	0.914	-.3505846	.3145068
cardiometcondbr_2012	.1114442	.0820837	1.36	0.181	-.0534187	.2763072
cesd_2012	.0307304	.0258921	1.19	0.241	-.0212727	.0827335
hei2015_total_score	-.0100104	.0044491	-2.25	0.029	-.0189461	-.0010746

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,855
Number of strata	= 52	Population size	=	25,300,353
Number of PSUs	= 104	Subpop. no. obs	=	1,655
		Subpop. size	=	14,178,843
		Average RVI	=	3.2084
		Largest FMI	=	0.9859
		Complete DF	=	52
DF adjustment: Small sample		DF: min	=	1.03
		avg	=	47.89
		max	=	50.11
Model F test: Equal FMI		F( 27, 23.8)	=	70.56
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnexpert_odds	.1338204	.0268006	4.99	0.000	.0799923	.1876485
AGE2012	.0908285	.0106758	8.51	0.000	.0693866	.1122703
SEX	0 (omitted)					
NonWhite	-.5327673	.1539477	-3.46	0.001	-.8419656	-.2235691
education						
2	.5774584	.236611	2.44	0.018	.102211	1.052706
3	.2635105	.1738854	1.52	0.136	-.0857351	.6127561
4	.2446178	.1643799	1.49	0.143	-.085541	.5747765
5	.330373	.1833031	1.80	0.078	-.0377852	.6985313
totwealth_2012						
2	.1381079	.1125483	1.23	0.226	-.0879542	.36417
3	-1.28212	.4592518	-2.79	0.007	-2.204516	-.3597243
4	-.3436986	1.009371	-0.34	0.735	-2.370982	1.683585
5	-36.52977	4.465649	-8.18	0.074	-90.02991	16.97036
marital_2012						
2	-.2255178	.2464639	-0.92	0.365	-.7205336	.269498
3	-.0327513	.2648717	-0.12	0.902	-.5647454	.4992429
4	-.0820353	.245993	-0.33	0.740	-.5761035	.412033
work_st_2012	.0394192	.2039946	0.19	0.848	-.3702954	.4491338
smoking_2012						
2	.2416742	.1187609	2.03	0.047	.0031433	.4802052
3	.811933	.247961	3.27	0.002	.31391	1.309956
alcohol_2012						
2	.2263305	.1303059	1.74	0.089	-.0356003	.4882613
3	-.2422728	.1836502	-1.32	0.194	-.6125907	.1280451
4	.1523291	.1695225	0.90	0.373	-.1883996	.4930578
physic_act_2012	-.2028931	.0700352	-2.90	0.006	-.3435571	-.062229
2.srh_2012	.4420594	.1300822	3.40	0.001	.1807919	.7033268
bmibr_2012						
2	-.1506274	.109605	-1.37	0.175	-.3707838	.0695289
3	-.010881	.1625162	-0.07	0.947	-.3372895	.3155275
cardiometcondbr_2012	.1019488	.0841823	1.21	0.232	-.0671296	.2710272
cesd_2012	.023074	.02523	0.91	0.365	-.0275995	.0737476
hei2015_total_score	-.0103208	.0048404	-2.13	0.038	-.0200425	-.0005991

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,855
Number of strata	= 52	Population size	=	25,300,353
Number of PSUs	= 104	Subpop. no. obs	=	1,655
		Subpop. size	=	14,178,843
		Average RVI	=	1.2169
		Largest FMI	=	0.9550
		Complete DF	=	52
DF adjustment: Small sample		DF: min	=	2.03
		avg	=	47.93
		max	=	50.11
Model F test: Equal FMI		F( 27, 37.5)	=	125.46
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnlasso_odds	.180607	.0326086	5.54	0.000	.1151129	.2461011
AGE2012	.0931177	.0099021	9.40	0.000	.0732297	.1130057
SEX	0 (omitted)					
NonWhite	-.506063	.1470494	-3.44	0.001	-.8014057	-.2107203
education						
2	.6147817	.2351134	2.61	0.012	.1425366	1.087027
3	.2629658	.1708822	1.54	0.130	-.0802467	.6061782
4	.2440181	.1688712	1.44	0.155	-.0951592	.5831954
5	.2913597	.1809067	1.61	0.114	-.071985	.6547044
totwealth_2012						
2	.1397349	.1090035	1.28	0.206	-.0792073	.3586771
3	-1.275685	.4532044	-2.81	0.007	-2.185933	-.3654368
4	-.372538	1.007496	-0.37	0.713	-2.396058	1.650982
5	-33.72125	2.630815	-12.82	0.006	-44.87759	-22.56491
marital_2012						
2	-.2716296	.2500126	-1.09	0.282	-.7737721	.2305129
3	-.0657402	.2670522	-0.25	0.807	-.6021125	.4706322
4	-.1255137	.2501201	-0.50	0.618	-.627871	.3768437
work_st_2012	.0497675	.2028714	0.25	0.807	-.3576917	.4572267
smoking_2012						
2	.2575461	.1168461	2.20	0.032	.0228616	.4922307
3	.8239819	.2459254	3.35	0.002	.330047	1.317917
alcohol_2012						
2	.2293995	.1290966	1.78	0.082	-.0300618	.4888609
3	-.2156808	.1771926	-1.22	0.230	-.5730262	.1416646
4	.1890775	.1682801	1.12	0.267	-.1491708	.5273258
physic_act_2012	-.1939951	.0698651	-2.78	0.008	-.3343175	-.0536727
2.srh_2012	.4458063	.1311905	3.40	0.001	.1823125	.7093001
bmibr_2012						
2	-.1105346	.1111272	-0.99	0.325	-.3337436	.1126744
3	.06749	.1618288	0.42	0.678	-.257541	.3925211
cardiometcondbr_2012	.1060473	.083595	1.27	0.210	-.0618505	.2739451
cesd_2012	.0281861	.0249601	1.13	0.264	-.0219453	.0783175
hei2015_total_score	-.0091225	.004867	-1.87	0.067	-.0188977	.0006528

```

132 .
133 .
134 . foreach x of varlist foodinsecurity_totbr hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(Women): stcox `x' AGE2012 SEX NonWhite i.education i.totwealth_2012 i.marital_2012
      > ondbl_2012 cesd_2012 hei2015_total_score
      3.
135 .
136 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,855
Number of strata =	52	Population size =	25,300,353
Number of PSUs =	104	Subpop. no. obs =	1,655
		Subpop. size =	14,178,843
		Average RVI =	3.0040
		Largest FMI =	0.9831
		Complete DF =	52
DF adjustment: Small sample	DF: min	=	1.15
	avg	=	47.89
	max	=	50.11
Model F test: Equal FMI	F( 27, 24.9)	=	86.18
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_totbr	-.3030576	.2096406	-1.45	0.155	-.7241121	.1179969
AGE2012	.1125476	.0093967	11.98	0.000	.0936747	.1314205
SEX	0	(omitted)				
NonWhite	-.4477897	.1459696	-3.07	0.003	-.7409647	-.1546146
education						
2	.4398051	.2584969	1.70	0.095	-.0793807	.9589909
3	.0801196	.1623919	0.49	0.624	-.2460436	.4062829
4	.0529904	.1741124	0.30	0.762	-.2967138	.4026947
5	.0756777	.1719565	0.44	0.662	-.2696911	.4210466
totwealth_2012						
2	.0613361	.1098777	0.56	0.579	-.1593593	.2820315
3	-1.404323	.4497623	-3.12	0.003	-2.307657	-.5009895
4	-.5792615	1.023447	-0.57	0.574	-2.634812	1.476289
5	-36.18894	3.960507	-9.14	0.052	-73.32868	.9508013
marital_2012						
2	-.2477472	.2524811	-0.98	0.331	-.7548494	.259355
3	-.0381007	.265682	-0.14	0.887	-.5717237	.4955222
4	-.0777336	.2522233	-0.31	0.759	-.5843174	.4288503
work_st_2012	.0076953	.2052882	0.04	0.970	-.4046166	.4200072
smoking_2012						
2	.2759219	.1166816	2.36	0.022	.0415652	.5102787
3	.9654579	.2569732	3.76	0.000	.4493325	1.481583
alcohol_2012						
2	.1301	.1241498	1.05	0.300	-.1194317	.3796317
3	-.3321748	.1687228	-1.97	0.055	-.6724698	.0081201
4	.0652032	.1712252	0.38	0.705	-.2789362	.4093425
physic_act_2012	-.2677494	.0739039	-3.62	0.001	-.4161827	-.119316



2.srh_2012	.438732	.1235689	3.55	0.001	.1905461	.6869179
bmibr_2012						
2	-.1775932	.1124786	-1.58	0.121	-.4035204	.048334
3	-.1194738	.1663474	-0.72	0.476	-.4535784	.2146308
cardiometcondbr_2012	.1519721	.0850377	1.79	0.080	-.0188235	.3227676
cesd_2012	.0515116	.0234617	2.20	0.033	.0043899	.0986333
hei2015_total_score	-.0105896	.0044553	-2.38	0.021	-.0195379	-.0016413

Multiple-imputation estimates  
Survey: Cox regression

Imputations = 5  
Number of obs = 2,855

Number of strata = 52  
Number of PSUs = 104

Population size = 25,300,353  
Subpop. no. obs = 1,655  
Subpop. size = 14,178,843  
Average RVI = 2.4917  
Largest FMI = 0.9801

DF adjustment: Small sample

Complete DF = 52  
DF: min = 1.27  
avg = 47.89  
max = 50.11

Model F test: Equal FMI  
Within VCE type: Linearized

F( 27, 27.9) = 87.78  
Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
hurldem	.5096731	.1448194	3.52	0.001	.218807	.8005392
AGE2012	.1042927	.0097102	10.74	0.000	.0847903	.1237951
SEX	0	(omitted)				
NonWhite	-.4729274	.1503714	-3.15	0.003	-.7749425	-.1709124
education						
2	.5302389	.2509961	2.11	0.040	.0261079	1.03437
3	.2012644	.1712818	1.18	0.246	-.1427557	.5452844
4	.1431167	.1683075	0.85	0.399	-.1949318	.4811653
5	.2113777	.1835492	1.15	0.255	-.1572752	.5800307
totwealth_2012						
2	.108566	.1083242	1.00	0.321	-.1090148	.3261469
3	-1.343014	.4524694	-2.97	0.005	-2.251785	-.4342441
4	-.5143421	1.017204	-0.51	0.615	-2.557356	1.528672
5	-33.70485	3.635722	-9.27	0.040	-61.94233	-5.46737
marital_2012						
2	-.2197851	.2535552	-0.87	0.390	-.7290422	.289472
3	-.0161718	.2730521	-0.06	0.953	-.564595	.5322513
4	-.0465159	.2487592	-0.19	0.852	-.5461412	.4531095
work_st_2012	-.0123914	.203146	-0.06	0.952	-.420401	.3956183
smoking_2012						
2	.2762908	.1165678	2.37	0.022	.0421631	.5104186
3	.8907206	.2475143	3.60	0.001	.3935923	1.387849
alcohol_2012						
2	.1400043	.1267014	1.10	0.275	-.1146046	.3946132
3	-.278816	.1809805	-1.54	0.131	-.6439766	.0863447
4	.1134859	.177535	0.64	0.526	-.2433389	.4703107
physic_act_2012	-.2266056	.0754037	-3.01	0.004	-.3780513	-.0751598

2.srh_2012	.4470237	.1275818	3.50	0.001	.1907764	.703271
bmibr_2012						
2	-.1689212	.115597	-1.46	0.150	-.4011107	.0632683
3	-.0304221	.1623856	-0.19	0.852	-.3565672	.2957229
cardiometcondbr_2012	.1364857	.0861749	1.58	0.120	-.0365932	.3095645
cesd_2012	.0346764	.0246574	1.41	0.166	-.014847	.0841998
hei2015_total_score	-.010698	.0044452	-2.41	0.020	-.019626	-.0017699

Multiple-imputation estimates  
Survey: Cox regression

Imputations = 5  
Number of obs = 2,855

Number of strata = 52  
Number of PSUs = 104

Population size = 25,300,353  
Subpop. no. obs = 1,655  
Subpop. size = 14,178,843  
Average RVI = .  
Largest FMI = .  
Complete DF = 52  
DF: min = 0.00  
avg = .  
max = .

DF adjustment: Small sample

Model F test: Equal FMI  
Within VCE type: Linearized

F( 26, 50.0) = 52.93  
Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
expert_dem	.736131	.1429394	5.15	0.000	.4490394	1.023223
AGE2012	.1039398	.0096624	10.76	0.000	.0845332	.1233463
SEX	0	(omitted)				
NonWhite	-.4501165	.1635794	-2.75	0.008	-.7786595	-.1215735
education						
2	.5760269	.2483855	2.32	0.025	.0771284	1.074925
3	.2575573	.1702632	1.51	0.137	-.0844173	.5995318
4	.232584	.1599784	1.45	0.152	-.0887371	.5539052
5	.2538323	.1718271	1.48	0.146	-.0912771	.5989417
totwealth_2012						
2	.1096821	.1115138	0.98	0.330	-.1143117	.333676
3	-1.325994	.4464785	-2.97	0.005	-2.222736	-.4292516
4	-.4969996	1.017428	-0.49	0.627	-2.540469	1.54647
5	-37.18937	.	.	.	.	.
marital_2012						
2	-.2531768	.2529215	-1.00	0.322	-.7611613	.2548078
3	-.0469318	.264582	-0.18	0.860	-.5783434	.4844798
4	-.0914124	.2468474	-0.37	0.713	-.5871976	.4043729
work_st_2012	-.0043441	.2030325	-0.02	0.983	-.4121256	.4034374
smoking_2012						
2	.2951484	.118537	2.49	0.016	.0570661	.5332308
3	.9407477	.2519866	3.73	0.000	.4346381	1.446857
alcohol_2012						
2	.1673344	.1210101	1.38	0.173	-.0759704	.4106392
3	-.2657015	.1893665	-1.40	0.168	-.6480663	.1166634
4	.1612927	.166861	0.97	0.339	-.1742032	.4967886
physic_act_2012	-.2248243	.072406	-3.11	0.003	-.37025	-.0793986

2.srh_2012	.4773013	.1298859	3.67	0.001	.2164257	.7381769
bmibr_2012						
2	-.1578178	.1084693	-1.45	0.152	-.3756898	.0600543
3	-.0202519	.1675643	-0.12	0.904	-.3567991	.3162953
cardiometcondbr_2012	.1144807	.0877702	1.30	0.198	-.0618032	.2907646
cesd_2012	.0261296	.026857	0.97	0.335	-.0278115	.0800708
hei2015_total_score	-.0117922	.0048319	-2.44	0.018	-.0214969	-.0020875

Multiple-imputation estimates  
Survey: Cox regression

Imputations = 5  
Number of obs = 2,855

Number of strata = 52  
Number of PSUs = 104

Population size = 25,300,353  
Subpop. no. obs = 1,655  
Subpop. size = 14,178,843  
Average RVI = 24.0387  
Largest FMI = 0.9985  
Complete DF = 52

DF adjustment: Small sample

DF: min = 0.18  
avg = 47.81  
max = 50.10

Model F test: Equal FMI  
Within VCE type: Linearized

F( 27, 6.0) = 13.01  
Prob > F = 0.0020

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lasso_dem	.5812175	.1509967	3.85	0.000	.2779395	.8844956
AGE2012	.1035372	.010114	10.24	0.000	.0832235	.1238508
SEX	0 (omitted)					
NonWhite	-.4894847	.1458001	-3.36	0.002	-.7823184	-.1966511
education						
2	.573434	.2503015	2.29	0.026	.0706914	1.076177
3	.2206376	.1773861	1.24	0.219	-.1356419	.5769172
4	.1695821	.1723929	0.98	0.330	-.17667	.5158343
5	.2279262	.1845959	1.23	0.223	-.1428277	.5986801
totwealth_2012						
2	.1069641	.1087434	0.98	0.330	-.1114583	.3253865
3	-1.349508	.4525848	-2.98	0.004	-2.25851	-.4405051
4	-.520346	1.019214	-0.51	0.612	-2.567398	1.526706
5	-36.895	11.3686	-3.25	0.016	-3.51e+07	3.51e+07
marital_2012						
2	-.2124023	.2504002	-0.85	0.400	-.7153222	.2905176
3	-.0036047	.2589126	-0.01	0.989	-.5236274	.516418
4	-.043223	.246413	-0.18	0.861	-.5381362	.4516902
work_st_2012	-.0082754	.2038431	-0.04	0.968	-.4176853	.4011344
smoking_2012						
2	.3091564	.1180832	2.62	0.012	.0719859	.5463269
3	.922646	.2490519	3.70	0.001	.4224298	1.422862
alcohol_2012						
2	.1602883	.1313807	1.22	0.228	-.1037521	.4243287
3	-.2674487	.1813385	-1.47	0.148	-.633415	.0985175
4	.1820534	.169724	1.07	0.289	-.1591433	.5232502
physic_act_2012	-.2298397	.074438	-3.09	0.003	-.3793461	-.0803332

2.srh_2012	.4581805	.1256953	3.65	0.001	.2057226	.7106384
bmibr_2012						
2	-.1321664	.112675	-1.17	0.246	-.3584847	.0941519
3	-.011949	.1708722	-0.07	0.945	-.3551395	.3312414
cardiometcondbr_2012	.1287225	.0905411	1.42	0.161	-.0531256	.3105706
cesd_2012	.031822	.0254169	1.25	0.216	-.0192268	.0828707
hei2015_total_score	-.0110404	.0047358	-2.33	0.024	-.020552	-.0015288

```

137 .
138 . *****NHW*****
139 .
140 .
141 . ***MODEL 1***
142 . foreach x of varlist foodinsecurity_tot lnhrud_odds lnexpert_odds lnlasso_odds {
143 .   2. mi estimate: svy, subpop(NHW): stcox `x' AGE2012 SEX NonWhite
144 .   3.
145 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata = 52	Population size	=	25,654,297
Number of PSUs = 104	Subpop. no. obs	=	2,360
	Subpop. size	=	22,074,167
	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)	=	116.35
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_tot	.0438581	.0605284	0.72	0.472	-.0777102	.1654265
AGE2012	.1096641	.0059516	18.43	0.000	.0977106	.1216176
SEX	-.217471	.0725049	-3.00	0.004	-.3630934	-.0718485
NonWhite	0 (omitted)					

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata = 52	Population size	=	25,654,297
Number of PSUs = 104	Subpop. no. obs	=	2,360
	Subpop. size	=	22,074,167
	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)	=	124.94
Within VCE type: Linearized	Prob > F	=	0.0000



```

144 .
145 .
146 . foreach x of varlist foodinsecurity_totbr hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(NHW): stcox `x' AGE2012 SEX NonWhite
      3.
147 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata =	52	Population size =	25,654,297
Number of PSUs =	104	Subpop. no. obs =	2,360
		Subpop. size =	22,074,167
		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)	=	114.30
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_totbr	.0069249	.2220198	0.03	0.975	-.438991	.4528407
AGE2012	.1091204	.0059926	18.21	0.000	.0970845	.1211563
SEX	-.2151136	.0719352	-2.99	0.004	-.3595918	-.0706353
NonWhite	0	(omitted)				

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata =	52	Population size =	25,654,297
Number of PSUs =	104	Subpop. no. obs =	2,360
		Subpop. size =	22,074,167
		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)	=	114.76
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
hurd_dem	.7911135	.1142431	6.92	0.000	.5616619	1.020565
AGE2012	.0900086	.0064462	13.96	0.000	.0770617	.1029555
SEX	-.2411456	.0753501	-3.20	0.002	-.3924827	-.0898086
NonWhite	0	(omitted)				

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887

Number of strata =	52	Population size =	25,654,297
Number of PSUs =	104	Subpop. no. obs =	2,360
		Subpop. size =	22,074,167
		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) =	135.25
Within VCE type:	Linearized	Prob > F =	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
expert_dem	.9153029	.1078293	8.49	0.000	.698733	1.131873
AGE2012	.0906372	.0059879	15.14	0.000	.0786109	.1026636
SEX	-.2606354	.0665102	-3.92	0.000	-.3942179	-.1270529
NonWhite	0	(omitted)				

Multiple-imputation estimates	Imputations =	5	
Survey: Cox regression	Number of obs =	2,887	
Number of strata =	Population size =	25,654,297	
Number of PSUs =	Subpop. no. obs =	2,360	
	Subpop. size =	22,074,167	
	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) =	151.88
Within VCE type:	Linearized	Prob > F =	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lasso_dem	.8940608	.1110543	8.05	0.000	.6710137	1.117108
AGE2012	.0904956	.0058447	15.48	0.000	.0787568	.1022344
SEX	-.3096635	.0664288	-4.66	0.000	-.4430826	-.1762445
NonWhite	0	(omitted)				

148 .

149 . \*\*\*MODEL 2\*\*\*\*

```

150 . foreach x of varlist foodinsecurity_tot ln_hurd_odds lnexpert_odds lnlasso_odds {
      2. mi estimate: svy, subpop(NHW): stcox `x' AGE2012 SEX NonWhite i.education i.totwealth_2012 i.marital_2012 w
      > dbr_2012 cesd_2012 hei2015_total_score
      3.

```

151 . }

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,829
Number of strata	= 52	Population size	=	25,027,035
Number of PSUs	= 104	Subpop. no. obs	=	2,302
		Subpop. size	=	21,446,905
		Average RVI	=	.
		Largest FMI	=	.
		Complete DF	=	52
DF adjustment: Small sample		DF: min	=	0.00
		avg	=	.
		max	=	.
Model F test: Equal FMI		F( 26, 50.0)	=	64.09
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_tot	-.0652353	.0588258	-1.11	0.273	-.1833848	.0529142
AGE2012	.1070565	.0077733	13.77	0.000	.0914439	.122669
SEX	-.3146799	.0968577	-3.25	0.002	-.5092256	-.1201342
NonWhite	0	(omitted)				
education						
2	.3555316	.198002	1.80	0.079	-.0421691	.7532323
3	.0576803	.1256701	0.46	0.648	-.1947372	.3100978
4	.137519	.1400261	0.98	0.331	-.1437419	.41878
5	-.0250704	.1598571	-0.16	0.876	-.3461695	.2960287
totwealth_2012						
2	.0869072	.0981273	0.89	0.380	-.1101897	.284004
3	-.6253573	.28145	-2.22	0.031	-1.190643	-.0600713
4	-.8571176	.8007707	-1.07	0.290	-2.465435	.7511992
5	-42.32485	.	.	.	.	.
marital_2012						
2	-.1054147	.2506049	-0.42	0.676	-.6087548	.3979253
3	.0139495	.289721	0.05	0.962	-.5679451	.5958441
4	.0120026	.2327669	0.05	0.959	-.4555052	.4795103
work_st_2012	-.0330803	.1255566	-0.26	0.793	-.2852579	.2190974
smoking_2012						
2	.2058493	.1034943	1.99	0.052	-.0020432	.4137418
3	.9726022	.1976119	4.92	0.000	.5756295	1.369575
alcohol_2012						
2	-.031769	.1408318	-0.23	0.822	-.3146479	.2511098
3	-.2665626	.1172467	-2.27	0.028	-.5028703	-.0302548
4	-.2017029	.1334225	-1.51	0.138	-.4708869	.067481
physic_act_2012	-.2265479	.0518125	-4.37	0.000	-.3306181	-.1224777
2.srh_2012	.5730275	.1000615	5.73	0.000	.3720565	.7739986
bmibr_2012						
2	-.196968	.0771825	-2.55	0.014	-.352008	-.0419281
3	-.1344554	.1278949	-1.05	0.298	-.3913288	.122418
cardiometcondbr_2012	.3767071	.0727597	5.18	0.000	.2305692	.522845
cesd_2012	.0514971	.0245573	2.10	0.041	.0021732	.100821
hei2015_total_score	-.0073474	.0042265	-1.74	0.088	-.0158364	.0011416



Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,829
Number of strata	= 52	Population size	=	25,027,035
Number of PSUs	= 104	Subpop. no. obs	=	2,302
		Subpop. size	=	21,446,905
		Average RVI	=	.
		Largest FMI	=	.
		Complete DF	=	52
DF adjustment: Small sample		DF: min	=	0.00
		avg	=	.
		max	=	.
Model F test: Equal FMI		F( 26, 50.0)	=	60.99
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnhurd_odds	.0895923	.0184238	4.86	0.000	.052588	.1265967
AGE2012	.0914856	.0081171	11.27	0.000	.0751826	.1077886
SEX	-.2886542	.0914038	-3.16	0.003	-.4722439	-.1050645
NonWhite	0 (omitted)					
education						
2	.4071485	.1824439	2.23	0.030	.0406915	.7736055
3	.1429898	.1302979	1.10	0.278	-.1187228	.4047024
4	.2166653	.1394537	1.55	0.127	-.0634555	.4967861
5	.1182909	.1646093	0.72	0.476	-.2123556	.4489374
totwealth_2012						
2	.1346729	.0953513	1.41	0.164	-.0568481	.3261938
3	-.5389948	.2718944	-1.98	0.053	-1.085089	.0070989
4	-.7518137	.80101	-0.94	0.352	-2.360612	.8569841
5	-38.66519	.	.	.	.	.
marital_2012						
2	-.1501665	.2506861	-0.60	0.552	-.653671	.3533381
3	-.037915	.2956203	-0.13	0.898	-.6316587	.5558287
4	-.0103006	.237198	-0.04	0.966	-.486707	.4661058
work_st_2012	-.0100889	.1216813	-0.08	0.934	-.2544835	.2343058
smoking_2012						
2	.2086574	.1036168	2.01	0.049	.0005089	.4168059
3	.9366946	.1943569	4.82	0.000	.5462569	1.327132
alcohol_2012						
2	.0189085	.1440958	0.13	0.896	-.2705143	.3083313
3	-.243924	.117672	-2.07	0.044	-.4810241	-.0068239
4	-.2238791	.1287259	-1.74	0.089	-.4836936	.0359355
physic_act_2012	-.1801184	.0530318	-3.40	0.001	-.2866379	-.073599
2.srh_2012	.5294319	.1047846	5.05	0.000	.3189748	.7398891
bmibr_2012						
2	-.1606322	.078237	-2.05	0.045	-.3177877	-.0034767
3	-.0649656	.1280014	-0.51	0.614	-.3220519	.1921207
cardiometcondbr_2012	.349575	.0696594	5.02	0.000	.2096633	.4894866
cesd_2012	.0320204	.0275624	1.16	0.251	-.0233397	.0873806
hei2015_total_score	-.0073242	.004173	-1.76	0.085	-.015706	.0010577

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,829
Number of strata	= 52	Population size	=	25,027,035
Number of PSUs	= 104	Subpop. no. obs	=	2,302
		Subpop. size	=	21,446,905
		Average RVI	=	.
		Largest FMI	=	.
		Complete DF	=	52
DF adjustment: Small sample		DF: min	=	0.00
		avg	=	.
		max	=	.
Model F test: Equal FMI		F( 26, 50.0)	=	54.17
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnexpert_odds	.1325195	.0253798	5.22	0.000	.0815452	.1834939
AGE2012	.0855633	.0086415	9.90	0.000	.0682072	.1029194
SEX	-.2631128	.0894421	-2.94	0.005	-.4427641	-.0834614
NonWhite	0 (omitted)					
education						
2	.5228921	.1782696	2.93	0.005	.1648085	.8809758
3	.2372666	.1400858	1.69	0.097	-.0441004	.5186336
4	.3331036	.1429156	2.33	0.024	.0460433	.6201638
5	.2344242	.1695495	1.38	0.173	-.1061294	.5749778
totwealth_2012						
2	.172356	.0966728	1.78	0.081	-.0218255	.3665374
3	-.4918783	.2742089	-1.79	0.079	-1.042624	.0588677
4	-.6868383	.8117243	-0.85	0.401	-2.31716	.9434833
5	-41.27773	.	.	.	.	.
marital_2012						
2	-.1227425	.2554896	-0.48	0.633	-.6358943	.3904093
3	-.0236356	.3036631	-0.08	0.938	-.6335332	.586262
4	-.0162104	.2392397	-0.07	0.946	-.4967175	.4642968
work_st_2012	.0151274	.119724	0.13	0.900	-.2253353	.2555902
smoking_2012						
2	.1771848	.1060501	1.67	0.101	-.0358548	.3902243
3	.8890147	.1946025	4.57	0.000	.4980863	1.279943
alcohol_2012						
2	.0519816	.1421054	0.37	0.716	-.2334639	.3374272
3	-.2108465	.1244151	-1.69	0.098	-.4620498	.0403569
4	-.1462187	.122486	-1.19	0.240	-.3937615	.1013241
physic_act_2012	-.1723412	.0526131	-3.28	0.002	-.2780216	-.0666608
2.srh_2012	.546403	.1047091	5.22	0.000	.3360973	.7567086
bmibr_2012						
2	-.1730643	.0788972	-2.19	0.033	-.3315375	-.0145912
3	-.0634337	.1291946	-0.49	0.626	-.3229164	.196049
cardiometcondbr_2012	.3179812	.0681298	4.67	0.000	.1811416	.4548208
cesd_2012	.0270383	.0272026	0.99	0.325	-.0275986	.0816752
hei2015_total_score	-.0071088	.0040944	-1.74	0.089	-.0153325	.001115

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,829
Number of strata	= 52	Population size	=	25,027,035
Number of PSUs	= 104	Subpop. no. obs	=	2,302
		Subpop. size	=	21,446,905
		Average RVI	=	.
		Largest FMI	=	.
		Complete DF	=	52
DF adjustment: Small sample		DF: min	=	0.00
		avg	=	.
		max	=	.
Model F test: Equal FMI		F( 26, 50.0)	=	60.05
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnlasso_odds	.1792475	.0287687	6.23	0.000	.1214661	.2370289
AGE2012	.0859405	.0083926	10.24	0.000	.0690842	.1027969
SEX	-.3160698	.0916858	-3.45	0.001	-.5002265	-.131913
NonWhite	0 (omitted)					
education						
2	.5345393	.1731022	3.09	0.003	.1868331	.8822454
3	.2315396	.1400702	1.65	0.105	-.0497946	.5128738
4	.3257319	.1453849	2.24	0.030	.0337166	.6177472
5	.2171579	.172906	1.26	0.215	-.1301334	.5644491
totwealth_2012						
2	.1644403	.0936058	1.76	0.085	-.0235787	.3524594
3	-.5001031	.2695085	-1.86	0.069	-1.041407	.0412011
4	-.7250728	.806481	-0.90	0.373	-2.344861	.8947158
5	-47.64088	.	.	.	.	.
marital_2012						
2	-.1436704	.2546213	-0.56	0.575	-.6550773	.3677365
3	-.0166587	.3006176	-0.06	0.956	-.6204399	.5871226
4	-.0205651	.242614	-0.08	0.933	-.5078483	.4667181
work_st_2012	.004115	.1180905	0.03	0.972	-.2330672	.2412972
smoking_2012						
2	.1877993	.1069318	1.76	0.085	-.0270139	.4026125
3	.8882975	.1951672	4.55	0.000	.4962306	1.280364
alcohol_2012						
2	.0664	.1419349	0.47	0.642	-.2187036	.3515036
3	-.189426	.126049	-1.50	0.141	-.4439709	.0651189
4	-.1093704	.1210046	-0.90	0.371	-.3538655	.1351247
physic_act_2012	-.1704715	.053233	-3.20	0.002	-.277397	-.063546
2.srh_2012	.5517592	.1038785	5.31	0.000	.3431218	.7603967
bmibr_2012						
2	-.1396133	.0777582	-1.80	0.079	-.2957961	.0165695
3	.0042513	.1297752	0.03	0.974	-.2563996	.2649021
cardiometcondbr_2012	.3246816	.0682973	4.75	0.000	.1875062	.4618571
cesd_2012	.0274075	.0275221	1.00	0.324	-.0278712	.0826861
hei2015_total_score	-.0060626	.0041303	-1.47	0.148	-.0143584	.0022332

```

152 .
153 .
154 . foreach x of varlist foodinsecurity_totbr hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(NHW): stcox `x' AGE2012 SEX NonWhite i.education i.totwealth_2012 i.marital_2012 w
      > dbr_2012 cesd_2012 hei2015_total_score
      3.
155 . }

```

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,829
Number of strata	= 52	Population size	=	25,027,035
Number of PSUs	= 104	Subpop. no. obs	=	2,302
		Subpop. size	=	21,446,905
		Average RVI	=	.
		Largest FMI	=	.
		Complete DF	=	52
DF adjustment: Small sample		DF: min	=	0.00
		avg	=	.
		max	=	.
Model F test: Equal FMI		F( 26, 50.0)	=	65.15
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_totbr	-.4655225	.2059851	-2.26	0.028	-.8792385	-.0518065
AGE2012	.1073563	.0076747	13.99	0.000	.0919417	.1227709
SEX	-.3164983	.0938638	-3.37	0.001	-.505032	-.1279647
NonWhite	0	(omitted)				
education						
2	.3441425	.1933496	1.78	0.081	-.0442168	.7325019
3	.039502	.1245859	0.32	0.753	-.2107408	.2897449
4	.1136596	.1401345	0.81	0.421	-.1678212	.3951404
5	-.0493248	.1551546	-0.32	0.752	-.3609824	.2623328
totwealth_2012						
2	.0730395	.0963043	0.76	0.452	-.1203977	.2664766
3	-.6388998	.2839453	-2.25	0.029	-1.209198	-.0686017
4	-.8701467	.803403	-1.08	0.284	-2.483751	.7434578
5	-43.3352	.	.	.	.	.
marital_2012						
2	-.0960076	.2498085	-0.38	0.702	-.5977478	.4057326
3	.0252672	.2870197	0.09	0.930	-.5512017	.6017361
4	.0141025	.2299288	0.06	0.951	-.4477053	.4759103
work_st_2012	-.0243751	.1256879	-0.19	0.847	-.2768163	.2280661
smoking_2012						
2	.2111067	.1039556	2.03	0.048	.0022885	.4199249
3	1.001781	.1927185	5.20	0.000	.614633	1.388928
alcohol_2012						
2	-.0345921	.1402691	-0.25	0.806	-.316342	.2471578
3	-.272768	.1177588	-2.32	0.025	-.5101803	-.0353557
4	-.211533	.1334378	-1.59	0.120	-.4807828	.0577167
physic_act_2012	-.2262255	.0523753	-4.32	0.000	-.331427	-.1210241
2.srh_2012	.5694476	.0996019	5.72	0.000	.3693992	.7694961

bmibr_2012						
2	-.1976295	.0794525	-2.49	0.016	-.3572285	-.0380304
3	-.1433617	.1289382	-1.11	0.272	-.4023303	.1156068
cardiometcondbr_2012	.3813524	.0735637	5.18	0.000	.2335998	.5291051
cesd_2012	.0627064	.0241206	2.60	0.012	.0142595	.1111534
hei2015_total_score	-.0071644	.0042834	-1.67	0.101	-.0157678	.001439

Multiple-imputation estimates  
Survey: Cox regression

Imputations = 5  
Number of obs = 2,829

Number of strata = 52  
Number of PSUs = 104

Population size = 25,027,035  
Subpop. no. obs = 2,302  
Subpop. size = 21,446,905  
Average RVI = 53.7987  
Largest FMI = 0.9987  
Complete DF = 52

DF adjustment: Small sample

DF: min = 0.16  
avg = 47.55  
max = 50.10

Model F test: Equal FMI  
Within VCE type: Linearized

F( 27, 912.4) = 23.46  
Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
hurldem	.4574323	.1381303	3.31	0.002	.1799984	.7348661
AGE2012	.0993241	.0080404	12.35	0.000	.0831752	.115473
SEX	-.2874867	.1005728	-2.86	0.006	-.4894949	-.0854785
NonWhite	0	(omitted)				
education						
2	.433025	.1831308	2.36	0.022	.0651877	.8008622
3	.1404071	.1296737	1.08	0.284	-.1200476	.4008618
4	.2053509	.135415	1.52	0.136	-.0666453	.4773471
5	.0707776	.169159	0.42	0.677	-.2689927	.4105479
totwealth_2012						
2	.1319699	.0982916	1.34	0.185	-.0654636	.3294033
3	-.5575601	.2749403	-2.03	0.048	-1.109775	-.0053454
4	-.8104342	.8000179	-1.01	0.316	-2.417241	.7963724
5	-39.52937	8.544949	-4.63	0.609	-2.25e+08	2.25e+08
marital_2012						
2	-.1130273	.2572935	-0.44	0.662	-.6297998	.4037452
3	.0194216	.2966153	0.07	0.948	-.5763198	.615163
4	.0100734	.24074	0.04	0.967	-.4734459	.4935927
work_st_2012	-.0554265	.1250708	-0.44	0.660	-.3066297	.1957767
smoking_2012						
2	.2082704	.1034424	2.01	0.049	.0004737	.4160671
3	.9458992	.1935468	4.89	0.000	.5570874	1.334711
alcohol_2012						
2	-.0170335	.1447979	-0.12	0.907	-.3078864	.2738193
3	-.2336229	.1239645	-1.88	0.067	-.4838851	.0166393
4	-.170065	.1295278	-1.31	0.196	-.4313924	.0912624
physic_act_2012	-.1899344	.0549346	-3.46	0.001	-.3002762	-.0795926
2.srh_2012	.5574722	.1028242	5.42	0.000	.3509509	.7639935

bmibr_2012						
2	-.1951048	.0768828	-2.54	0.014	-.349536	-.0406736
3	-.0782059	.1259728	-0.62	0.538	-.3312175	.1748057
cardiometcondbr_2012	.359159	.069569	5.16	0.000	.2194293	.4988886
cesd_2012	.036179	.026672	1.36	0.181	-.0173923	.0897502
hei2015_total_score	-.007339	.0040941	-1.79	0.079	-.0155621	.000884

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,829
Number of strata	= 52	Population size	=	25,027,035
Number of PSUs	= 104	Subpop. no. obs	=	2,302
		Subpop. size	=	21,446,905
		Average RVI	=	23.3072
		Largest FMI	=	0.9972
		Complete DF	=	52
DF adjustment: Small sample		DF: min	=	0.32
		avg	=	47.45
		max	=	50.10
Model F test: Equal FMI		F( 27, 2.7)	=	42.53
Within VCE type: Linearized		Prob > F	=	0.0085

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
expert_dem	.6360574	.1107416	5.74	0.000	.4136345	.8584804
AGE2012	.098524	.0080408	12.25	0.000	.0823743	.1146738
SEX	-.2890665	.0947303	-3.05	0.004	-.4793463	-.0987867
NonWhite	0	(omitted)				
education						
2	.4872191	.1890241	2.58	0.013	.1075335	.8669048
3	.1922996	.1368991	1.40	0.166	-.0826687	.4672679
4	.2899801	.1350442	2.15	0.037	.0187324	.5612278
5	.1421053	.1662673	0.85	0.397	-.1918539	.4760645
totwealth_2012						
2	.1360756	.100201	1.36	0.181	-.0652012	.3373525
3	-.543011	.2705608	-2.01	0.050	-1.086435	.0004128
4	-.8148948	.8149077	-1.00	0.322	-2.451616	.8218265
5	-37.53421	5.945763	-6.31	0.387	-24491.25	24416.18
marital_2012						
2	-.1920633	.2398386	-0.80	0.427	-.6737792	.2896527
3	-.0488286	.282089	-0.17	0.863	-.6153944	.5177372
4	-.06975	.2240732	-0.31	0.757	-.519796	.380296
work_st_2012	-.0205928	.1238121	-0.17	0.869	-.2692663	.2280806
smoking_2012						
2	.2124226	.10707	1.98	0.053	-.0026508	.427496
3	.936413	.1912714	4.90	0.000	.5521765	1.320649
alcohol_2012						
2	.0095287	.1353544	0.07	0.944	-.2623832	.2814407
3	-.2435596	.1286334	-1.89	0.065	-.5034504	.0163311
4	-.1947843	.1282021	-1.52	0.136	-.4537283	.0641598
physic_act_2012	-.1843843	.0559492	-3.30	0.002	-.2967637	-.072005
2.srh_2012	.5730464	.1023823	5.60	0.000	.367411	.7786817

bmibr_2012						
2	-.1806539	.0765614	-2.36	0.022	-.334441	-.0268668
3	-.0827313	.1279178	-0.65	0.521	-.339649	.1741864
cardiometcondbr_2012	.3323103	.0717328	4.63	0.000	.1882348	.4763859
cesd_2012	.0361311	.0265537	1.36	0.180	-.0172023	.0894645
hei2015_total_score	-.0076209	.004142	-1.84	0.072	-.0159404	.0006986

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,829
Number of strata	= 52	Population size	=	25,027,035
Number of PSUs	= 104	Subpop. no. obs	=	2,302
		Subpop. size	=	21,446,905
		Average RVI	=	.
		Largest FMI	=	.
		Complete DF	=	52
DF adjustment: Small sample		DF: min	=	0.00
		avg	=	.
		max	=	.
Model F test: Equal FMI		F( 26, 50.0)	=	64.80
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lasso_dem	.5854552	.114827	5.10	0.000	.3548195	.8160908
AGE2012	.0995151	.0078965	12.60	0.000	.0836553	.1153749
SEX	-.3222613	.0936444	-3.44	0.001	-.5103564	-.1341663
NonWhite	0	(omitted)				
education						
2	.4912093	.1901808	2.58	0.013	.1092127	.8732059
3	.1656339	.1407762	1.18	0.245	-.1171183	.448386
4	.2306449	.145273	1.59	0.119	-.0611471	.5224368
5	.1016869	.1729535	0.59	0.559	-.2457014	.4490752
totwealth_2012						
2	.1394873	.096047	1.45	0.153	-.0534423	.332417
3	-.5593573	.2730186	-2.05	0.046	-1.107715	-.0109997
4	-.8018452	.798168	-1.00	0.320	-2.404938	.8012476
5	-42.11888	.	.	.	.	.
marital_2012						
2	-.1189931	.2611736	-0.46	0.651	-.6435586	.4055724
3	.0274538	.3000943	0.09	0.927	-.5752748	.6301823
4	.0048253	.2439654	0.02	0.984	-.4851726	.4948231
work_st_2012	-.0345418	.1229495	-0.28	0.780	-.2814838	.2124003
smoking_2012						
2	.2179936	.1078899	2.02	0.049	.0012665	.4347206
3	.9457684	.1950996	4.85	0.000	.553843	1.337694
alcohol_2012						
2	-.0012867	.1372331	-0.01	0.993	-.2769466	.2743732
3	-.2323105	.1230427	-1.89	0.066	-.4810253	.0164043
4	-.1466255	.1290022	-1.14	0.262	-.407104	.1138531
physic_act_2012	-.1838501	.0559064	-3.29	0.002	-.2961455	-.0715547
2.srh_2012	.5598719	.0990768	5.65	0.000	.3608775	.7588663

bmibr_2012						
2	-.1559898	.0796957	-1.96	0.056	-.3160677	.0040881
3	-.0523459	.1296898	-0.40	0.688	-.3128225	.2081307
cardiometcondbr_2012	.3466939	.0709977	4.88	0.000	.2040943	.4892935
cesd_2012	.0382817	.0271775	1.41	0.165	-.0163048	.0928681
hei2015_total_score	-.0077782	.0043007	-1.81	0.077	-.0164161	.0008598

```

156 .
157 .
158 . *****NHB*****
159 .
160 .
161 . ***MODEL 1***
162 . foreach x of varlist foodinsecurity_tot lnhrud_odds lnexpert_odds lnlasso_odds {
      2. mi estimate: svy, subpop(NHB): stcox `x' AGE2012 SEX NonWhite
      3.
163 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,248
Number of strata =	39	Population size =	19,864,064
Number of PSUs =	78	Subpop. no. obs =	332
		Subpop. size =	2,104,845
		Average RVI =	0.0000
		Largest FMI =	0.0000
		Complete DF =	39
DF adjustment: Small sample	DF: min	=	37.14
	avg	=	37.14
	max	=	37.14
Model F test: Equal FMI	F( 3, 37.1)	=	12.87
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_tot	.0053809	.1047652	0.05	0.959	-.2068661	.2176279
AGE2012	.1000726	.0169404	5.91	0.000	.0657526	.1343927
SEX	-.4660615	.2129762	-2.19	0.035	-.8975364	-.0345867
NonWhite	0 (omitted)					

Note: 13 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,248
Number of strata =	39	Population size =	19,864,064
Number of PSUs =	78	Subpop. no. obs =	332
		Subpop. size =	2,104,845
		Average RVI =	0.0000
		Largest FMI =	0.0000
		Complete DF =	39
DF adjustment: Small sample	DF: min	=	37.14
	avg	=	37.14
	max	=	37.14
Model F test: Equal FMI	F( 3, 37.1)	=	17.31
Within VCE type: Linearized	Prob > F	=	0.0000



_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
Inhurd_odds	.1911185	.0669501	2.85	0.007	.0554824	.3267546
AGE2012	.0573011	.026985	2.12	0.040	.0026313	.1119708
SEX	-.4975319	.238318	-2.09	0.044	-.9803475	-.0147164
NonWhite	0 (omitted)					

Note: 13 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	=	5	
Survey: Cox regression		Number of obs	=	2,248	
Number of strata	=	39	Population size	=	19,864,064
Number of PSUs	=	78	Subpop. no. obs	=	332
			Subpop. size	=	2,104,845
			Average RVI	=	0.0000
			Largest FMI	=	0.0000
			Complete DF	=	39
DF adjustment:	Small sample	DF: min	=	37.14	
		avg	=	37.14	
		max	=	37.14	
Model F test:	Equal FMI	F( 3, 37.1)	=	14.65	
Within VCE type:	Linearized	Prob > F	=	0.0000	

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
Inexpert_odds	.17031	.0762933	2.23	0.032	.0157452	.3248749
AGE2012	.0574242	.0317922	1.81	0.079	-.0069844	.1218329
SEX	-.5698991	.2413379	-2.36	0.024	-1.058833	-.0809656
NonWhite	0 (omitted)					

Note: 13 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	=	5	
Survey: Cox regression		Number of obs	=	2,248	
Number of strata	=	39	Population size	=	19,864,064
Number of PSUs	=	78	Subpop. no. obs	=	332
			Subpop. size	=	2,104,845
			Average RVI	=	0.0000
			Largest FMI	=	0.0000
			Complete DF	=	39
DF adjustment:	Small sample	DF: min	=	37.14	
		avg	=	37.14	
		max	=	37.14	
Model F test:	Equal FMI	F( 3, 37.1)	=	17.03	
Within VCE type:	Linearized	Prob > F	=	0.0000	

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
Inlasso_odds	.2172082	.0985284	2.20	0.034	.0175965	.4168198
AGE2012	.0601573	.0298181	2.02	0.051	-.0002521	.1205666
SEX	-.5435671	.2388157	-2.28	0.029	-1.027391	-.0597433
NonWhite	0 (omitted)					

Note: 13 strata omitted because they contain no subpopulation members.

```

164 .
165 .
166 .
167 . foreach x of varlist foodinsecurity_totbr hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(NHB): stcox `x' AGE2012 SEX NonWhite
      3.
168 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,248
Number of strata =	39	Population size =	19,864,064
Number of PSUs =	78	Subpop. no. obs =	332
		Subpop. size =	2,104,845
		Average RVI =	0.0000
		Largest FMI =	0.0000
		Complete DF =	39
DF adjustment: Small sample	DF: min	=	37.14
	avg	=	37.14
	max	=	37.14
Model F test: Equal FMI	F( 3, 37.1)	=	14.38
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_totbr	-.138751	.3730081	-0.37	0.712	-.8944391	.6169372
AGE2012	.0987482	.0171602	5.75	0.000	.0639829	.1335136
SEX	-.4549481	.2172477	-2.09	0.043	-.8950767	-.0148195
NonWhite	0	(omitted)				

Note: 13 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,248
Number of strata =	39	Population size =	19,864,064
Number of PSUs =	78	Subpop. no. obs =	332
		Subpop. size =	2,104,845
		Average RVI =	0.0000
		Largest FMI =	0.0000
		Complete DF =	39
DF adjustment: Small sample	DF: min	=	37.14
	avg	=	37.14
	max	=	37.14
Model F test: Equal FMI	F( 3, 37.1)	=	18.58
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
hurd_dem	.6931222	.3492751	1.98	0.055	-.0144845	1.400729
AGE2012	.0797281	.0231182	3.45	0.001	.0328923	.1265639
SEX	-.4989521	.2341454	-2.13	0.040	-.9733142	-.0245901
NonWhite	0	(omitted)				

Note: 13 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,248

Number of strata =	39	Population size =	19,864,064
Number of PSUs =	78	Subpop. no. obs =	332
		Subpop. size =	2,104,845
		Average RVI =	0.0000
		Largest FMI =	0.0000
		Complete DF =	39
DF adjustment: Small sample		DF: min =	37.14
		avg =	37.14
		max =	37.14
Model F test: Equal FMI		F( 3, 37.1) =	16.78
Within VCE type: Linearized		Prob > F =	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
expert_dem	1.003036	.3301301	3.04	0.004	.334216	1.671857
AGE2012	.0690464	.02396	2.88	0.007	.0205052	.1175877
SEX	-.6040612	.234872	-2.57	0.014	-1.079895	-.1282271
NonWhite	0	(omitted)				

Note: 13 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates	Imputations =	5	
Survey: Cox regression	Number of obs =	2,248	
Number of strata =	39	Population size =	19,864,064
Number of PSUs =	78	Subpop. no. obs =	332
		Subpop. size =	2,104,845
		Average RVI =	0.0000
		Largest FMI =	0.0000
		Complete DF =	39
DF adjustment: Small sample	DF: min =	37.14	
	avg =	37.14	
	max =	37.14	
Model F test: Equal FMI	F( 3, 37.1) =	18.53	
Within VCE type: Linearized	Prob > F =	0.0000	

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lasso_dem	.7755506	.3233117	2.40	0.022	.120544	1.430557
AGE2012	.0779861	.0226856	3.44	0.001	.0320266	.1239455
SEX	-.5653507	.2340388	-2.42	0.021	-1.039497	-.0912047
NonWhite	0	(omitted)				

Note: 13 strata omitted because they contain no subpopulation members.

169 .

170 . \*\*\*MODEL 2\*\*\*

171 . foreach x of varlist foodinsecurity\_tot ln\_hurd\_odds lnexpert\_odds lnlasso\_odds {  
2. mi estimate: svy, subpop(NHB): stcox `x' AGE2012 SEX NonWhite i.education i.totwealth\_2012 i.marital\_2012 w  
> dbr\_2012 cesd\_2012 hei2015\_total\_score  
3.

172 . }

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,232
Number of strata =	39	Population size =	19,745,426
Number of PSUs =	78	Subpop. no. obs =	316
		Subpop. size =	1,986,207
		Average RVI =	0.0044
		Largest FMI =	0.0160
		Complete DF =	39
DF adjustment: Small sample	DF: min	=	36.60
	avg	=	37.10
	max	=	37.14
Model F test: Equal FMI	F( 25, 37.1)	=	40.24
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_tot	-.0821461	.1496445	-0.55	0.586	-.3853177	.2210255
AGE2012	.1079734	.0260506	4.14	0.000	.055196	.1607508
SEX	-.0667687	.2974595	-0.22	0.824	-.6694229	.5358855
NonWhite	0 (omitted)					
education						
2	-1.419811	1.101552	-1.29	0.205	-3.651539	.8119165
3	-.0996952	.3132438	-0.32	0.752	-.7343355	.5349452
4	-.2213482	.348903	-0.63	0.530	-.9282073	.485511
5	.0401895	.3735067	0.11	0.915	-.7165301	.796909
totwealth_2012						
2	-.1916476	.3017606	-0.64	0.529	-.8029977	.4197024
3	-.7349837	1.087431	-0.68	0.503	-2.938049	1.468082
marital_2012						
2	.0945154	.4546923	0.21	0.836	-.8266767	1.015708
3	-.0886945	.4132237	-0.21	0.831	-.9258658	.7484769
4	-.3902745	.439429	-0.89	0.380	-1.280529	.4999801
work_st_2012	.0181772	.4150197	0.04	0.965	-.8226391	.8589934
smoking_2012						
2	.3360229	.2315728	1.45	0.155	-.1331303	.8051761
3	.1228168	.4012919	0.31	0.761	-.6901857	.9358194
alcohol_2012						
2	-.3924313	.3803379	-1.03	0.309	-1.16298	.378117
3	-.5621318	.4492556	-1.25	0.219	-1.472745	.3484819
4	-.0327947	.5399513	-0.06	0.952	-1.126752	1.061162
physic_act_2012	-.5493119	.1821129	-3.02	0.005	-.9182639	-.1803599
2.srh_2012	-.210915	.3422597	-0.62	0.541	-.9043108	.4824809
bmibr_2012						
2	-.721002	.2754374	-2.62	0.013	-1.279047	-.1629571
3	-.6049375	.2852567	-2.12	0.041	-1.182935	-.0269404
cardiometcondbr_2012	.1528778	.3064083	0.50	0.621	-.4678896	.7736452
cesd_2012	-.004926	.0706651	-0.07	0.945	-.1480904	.1382384
hei2015_total_score	-.0097994	.0116043	-0.84	0.404	-.0333092	.0137104

Note: 13 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,232
Number of strata	= 39	Population size	=	19,745,426
Number of PSUs	= 78	Subpop. no. obs	=	316
		Subpop. size	=	1,986,207
		Average RVI	=	0.0025
		Largest FMI	=	0.0111
		Complete DF	=	39
DF adjustment: Small sample		DF: min	=	36.81
		avg	=	37.10
		max	=	37.14
Model F test: Equal FMI		F( 25, 37.1)	=	16.73
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnhurd_odds	.1781667	.0863809	2.06	0.046	.0031635	.3531699
AGE2012	.0802517	.0289999	2.77	0.009	.0214993	.139004
SEX	-.1854846	.3254761	-0.57	0.572	-.8448867	.4739175
NonWhite	0 (omitted)					
education						
2	-1.214881	1.115281	-1.09	0.283	-3.47439	1.044627
3	.0027594	.2536371	0.01	0.991	-.5111023	.516621
4	-.0971428	.3166015	-0.31	0.761	-.7385589	.5442732
5	.3525352	.3479615	1.01	0.318	-.3524357	1.057506
totwealth_2012						
2	-.0873093	.3335204	-0.26	0.795	-.763001	.5883825
3	-.3730807	1.10087	-0.34	0.737	-2.60337	1.857208
marital_2012						
2	.0325543	.4192465	0.08	0.939	-.816834	.8819427
3	-.032862	.4114314	-0.08	0.937	-.8664009	.8006769
4	-.311849	.4381714	-0.71	0.481	-1.199556	.5758581
work_st_2012	.130664	.4186937	0.31	0.757	-.7175873	.9789154
smoking_2012						
2	.3021713	.2238852	1.35	0.185	-.151408	.7557505
3	-.1829058	.4730294	-0.39	0.701	-1.141236	.7754247
alcohol_2012						
2	-.2238334	.3329922	-0.67	0.506	-.8984739	.4508071
3	-.5721864	.4728114	-1.21	0.234	-1.530357	.3859842
4	.2071445	.5234274	0.40	0.695	-.8533082	1.267597
physic_act_2012	-.6077859	.2088355	-2.91	0.006	-1.030875	-.184697
2.srh_2012	-.2178478	.3632562	-0.60	0.552	-.9537848	.5180892
bmibr_2012						
2	-.5515365	.2795105	-1.97	0.056	-1.117869	.014796
3	-.3722641	.284261	-1.31	0.198	-.9483337	.2038055
cardiometcondbr_2012	.2134312	.2823383	0.76	0.454	-.3585751	.7854376
cesd_2012	-.0624231	.0543229	-1.15	0.258	-.1724789	.0476327
hei2015_total_score	-.0080417	.0111993	-0.72	0.477	-.0307308	.0146474

Note: 13 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,232
Number of strata	= 39	Population size	=	19,745,426
Number of PSUs	= 78	Subpop. no. obs	=	316
		Subpop. size	=	1,986,207
		Average RVI	=	0.0040
		Largest FMI	=	0.0199
		Complete DF	=	39
DF adjustment: Small sample		DF: min	=	36.43
		avg	=	37.07
		max	=	37.14
Model F test: Equal FMI		F( 25, 37.1)	=	21.82
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnexpert_odds	.2090925	.0668592	3.13	0.003	.0736398	.3445453
AGE2012	.0796505	.0301832	2.64	0.012	.0184999	.140801
SEX	-.2151516	.329597	-0.65	0.518	-.8828981	.4525949
NonWhite	0 (omitted)					
education						
2	-1.150537	1.04406	-1.10	0.278	-3.265759	.9646842
3	-.1264899	.2535263	-0.50	0.621	-.6401273	.3871476
4	-.2967894	.3498792	-0.85	0.402	-1.005625	.4120461
5	.2507308	.3457642	0.73	0.473	-.4497889	.9512504
totwealth_2012						
2	-.1567066	.3070078	-0.51	0.613	-.7786901	.4652769
3	-.2104177	1.102701	-0.19	0.850	-2.444417	2.023582
marital_2012						
2	.1477524	.419481	0.35	0.727	-.7021339	.9976387
3	.0848446	.4261296	0.20	0.843	-.778484	.9481732
4	-.1964225	.4375758	-0.45	0.656	-1.082929	.6900844
work_st_2012	.0673628	.4423054	0.15	0.880	-.8287224	.963448
smoking_2012						
2	.275885	.2249998	1.23	0.228	-.1799606	.7317305
3	-.2805129	.4654857	-0.60	0.550	-1.22356	.6625344
alcohol_2012						
2	-.0896109	.3522689	-0.25	0.801	-.8033135	.6240917
3	-.5743447	.5109522	-1.12	0.268	-1.609763	.4610737
4	.3918792	.5260371	0.74	0.461	-.67387	1.457628
physic_act_2012	-.6750543	.2132348	-3.17	0.003	-1.107063	-.2430453
2.srh_2012	-.3078782	.3863772	-0.80	0.431	-1.090656	.4748992
bmibr_2012						
2	-.5821108	.2936063	-1.98	0.055	-1.177077	.0128558
3	-.3598798	.2895971	-1.24	0.222	-.9469687	.2272092
cardiometcondbr_2012	.222008	.262205	0.85	0.403	-.3092341	.75325
cesd_2012	-.086057	.0527689	-1.63	0.111	-.1929642	.0208502
hei2015_total_score	-.0074201	.0112916	-0.66	0.515	-.0302962	.0154561

Note: 13 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,232
Number of strata	= 39	Population size	=	19,745,426
Number of PSUs	= 78	Subpop. no. obs	=	316
		Subpop. size	=	1,986,207
		Average RVI	=	0.0024
		Largest FMI	=	0.0092
		Complete DF	=	39
DF adjustment: Small sample		DF: min	=	36.89
		avg	=	37.11
		max	=	37.14
Model F test: Equal FMI		F( 25, 37.1)	=	15.36
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnlasso_odds	.22988	.1132134	2.03	0.050	.0005157	.4592443
AGE2012	.0885951	.028604	3.10	0.004	.0306448	.1465455
SEX	-.2423944	.3377479	-0.72	0.477	-.926657	.4418682
NonWhite	0 (omitted)					
education						
2	-1.106776	1.09095	-1.01	0.317	-3.317018	1.103466
3	-.0975924	.2583075	-0.38	0.708	-.6209187	.4257338
4	-.1676601	.3189971	-0.53	0.602	-.8139301	.4786098
5	.2248238	.3491398	0.64	0.524	-.4825284	.932176
totwealth_2012						
2	-.0173711	.3672963	-0.05	0.963	-.7614898	.7267475
3	-.3485608	1.133467	-0.31	0.760	-2.644889	1.947768
marital_2012						
2	.0287241	.4150372	0.07	0.945	-.8121326	.8695808
3	-.1178929	.4006107	-0.29	0.770	-.9295082	.6937224
4	-.3570598	.4242089	-0.84	0.405	-1.21648	.5023603
work_st_2012	.0850784	.4285513	0.20	0.844	-.7831424	.9532992
smoking_2012						
2	.3067566	.226652	1.35	0.184	-.1524273	.7659405
3	-.1731929	.462252	-0.37	0.710	-1.10969	.7633039
alcohol_2012						
2	-.2200468	.3205636	-0.69	0.497	-.8695057	.429412
3	-.5678579	.4917759	-1.15	0.256	-1.564394	.4286785
4	.2306141	.5216908	0.44	0.661	-.8263336	1.287562
physic_act_2012	-.6012597	.2058624	-2.92	0.006	-1.018325	-.1841945
2.srh_2012	-.1795319	.3645719	-0.49	0.625	-.9181338	.55907
bmibr_2012						
2	-.5429285	.2848126	-1.91	0.064	-1.119994	.0341366
3	-.3182322	.3057607	-1.04	0.305	-.937827	.3013627
cardiometcondbr_2012	.2459009	.3022634	0.81	0.421	-.3664701	.8582718
cesd_2012	-.0490518	.0516991	-0.95	0.349	-.1537917	.055688
hei2015_total_score	-.0096561	.0107392	-0.90	0.374	-.0314131	.0121008

Note: 13 strata omitted because they contain no subpopulation members.

```

173 .
174 . foreach x of varlist foodinsecurity_totbr hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(NHB): stcox `x' AGE2012 SEX NonWhite i.education i.totwealth_2012 i.marital_2012 w
      > dbr_2012 cesd_2012 hei2015_total_score
      3.
175 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,232
Number of strata =	39	Population size =	19,745,426
Number of PSUs =	78	Subpop. no. obs =	316
		Subpop. size =	1,986,207
		Average RVI =	0.0040
		Largest FMI =	0.0143
		Complete DF =	39
DF adjustment: Small sample	DF: min	=	36.68
	avg	=	37.10
	max	=	37.14
Model F test: Equal FMI	F( 25, 37.1)	=	37.20
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_totbr	-.6183207	.5491762	-1.13	0.267	-1.730917	.4942761
AGE2012	.1030199	.0271229	3.80	0.001	.0480699	.15797
SEX	-.0783452	.3014265	-0.26	0.796	-.689037	.5323465
NonWhite	0	(omitted)				
education						
2	-1.448265	1.099709	-1.32	0.196	-3.676267	.7797376
3	-.1546551	.3198557	-0.48	0.632	-.8026875	.4933773
4	-.2672889	.3478714	-0.77	0.447	-.9720571	.4374794
5	.065187	.3555943	0.18	0.856	-.6552477	.7856217
totwealth_2012						
2	-.256039	.3015283	-0.85	0.401	-.866919	.3548409
3	-.8051869	1.104861	-0.73	0.471	-3.043564	1.43319
marital_2012						
2	.1273061	.4461711	0.29	0.777	-.7766242	1.031236
3	-.0622141	.4038288	-0.15	0.878	-.880355	.7559268
4	-.3129226	.4404854	-0.71	0.482	-1.205319	.5794739
work_st_2012	.0433554	.4112386	0.11	0.917	-.7898	.8765108
smoking_2012						
2	.3333559	.2306546	1.45	0.157	-.1339388	.8006507
3	.1826744	.3888725	0.47	0.641	-.6051565	.9705052
alcohol_2012						
2	-.3825804	.3691608	-1.04	0.307	-1.130489	.3653279
3	-.5910338	.4603123	-1.28	0.207	-1.523993	.3419256
4	-.1077736	.5449503	-0.20	0.844	-1.211864	.9963165
physic_act_2012	-.5721953	.1990117	-2.88	0.007	-.9753848	-.1690057
2.srh_2012	-.219143	.3495158	-0.63	0.535	-.9272385	.4889525
bmibr_2012						
2	-.7901511	.2956827	-2.67	0.011	-1.389211	-.1910908
3	-.6499291	.293038	-2.22	0.033	-1.243684	-.0561743



cardiometcondbr_2012	.1929005	.2940556	0.66	0.516	-.4028417	.7886427
cesd_2012	-.0105608	.0576552	-0.18	0.856	-.1273676	.1062461
hei2015_total_score	-.0094775	.0121135	-0.78	0.439	-.0340189	.0150639

Note: 13 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,232
Number of strata	=	39		
Number of PSUs	=	78		
		Population size	=	19,745,426
		Subpop. no. obs	=	316
		Subpop. size	=	1,986,207
		Average RVI	=	0.0036
		Largest FMI	=	0.0109
		Complete DF	=	39
DF adjustment: Small sample		DF: min	=	36.82
		avg	=	37.10
		max	=	37.14
Model F test: Equal FMI		F( 25, 37.1)	=	23.09
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
hurld_dem	.7698626	.3708312	2.08	0.045	.018568	1.521157
AGE2012	.0993479	.0252159	3.94	0.000	.0482615	.1504343
SEX	-.1802085	.3365533	-0.54	0.596	-.8620565	.5016395
NonWhite	0	(omitted)				
education						
2	-1.19837	1.068957	-1.12	0.269	-3.364081	.9673406
3	.0484491	.2428118	0.20	0.843	-.4434945	.5403927
4	-.0449466	.3181133	-0.14	0.888	-.6894293	.5995362
5	.1832447	.3268681	0.56	0.578	-.4789933	.8454826
totwealth_2012						
2	-.0675734	.3406985	-0.20	0.844	-.7578074	.6226605
3	-.5050341	1.105762	-0.46	0.651	-2.745236	1.735168
marital_2012						
2	-.083203	.4715632	-0.18	0.861	-1.038581	.8721749
3	-.0778006	.3927166	-0.20	0.844	-.8734257	.7178246
4	-.3964484	.4295804	-0.92	0.362	-1.266751	.4738542
work_st_2012	-.0826932	.4313651	-0.19	0.849	-.9566269	.7912404
smoking_2012						
2	.3424841	.2268402	1.51	0.140	-.1170806	.8020487
3	-.1261534	.4410012	-0.29	0.776	-1.019652	.7673456
alcohol_2012						
2	-.2818309	.3679151	-0.77	0.449	-1.027213	.4635516
3	-.5943874	.4738261	-1.25	0.218	-1.554613	.3658382
4	.2170028	.4978228	0.44	0.665	-.7915963	1.225602
physic_act_2012	-.5646709	.2019883	-2.80	0.008	-.9738863	-.1554555
2.srh_2012	-.1768922	.3670114	-0.48	0.633	-.9204378	.5666534
bmibr_2012						
2	-.6350804	.2834977	-2.24	0.031	-1.209462	-.0606988
3	-.4397336	.2846781	-1.54	0.131	-1.016598	.1371313
cardiometcondbr_2012	.1873701	.2844065	0.66	0.514	-.388822	.7635622

cesd_2012	-.0376497	.0508941	-0.74	0.464	-.1407589	.0654596
hei2015_total_score	-.0167396	.0111937	-1.50	0.143	-.0394177	.0059385

Note: 13 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,232
Number of strata =	39	Population size	= 19,745,426
Number of PSUs =	78	Subpop. no. obs	= 316
		Subpop. size	= 1,986,207
		Average RVI	= 0.0051
		Largest FMI	= 0.0207
		Complete DF	= 39
DF adjustment: Small sample	DF: min	=	36.39
	avg	=	37.05
	max	=	37.14
Model F test: Equal FMI	F( 25, 37.1)	=	36.45
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
expert_dem	1.181425	.2680917	4.41	0.000	.6382856	1.724565
AGE2012	.0956326	.027407	3.49	0.001	.0401051	.1511601
SEX	-.253471	.316663	-0.80	0.429	-.895031	.388089
NonWhite	0	(omitted)				
education						
2	-1.042101	1.028363	-1.01	0.317	-3.125637	1.041436
3	.0136597	.2462436	0.06	0.956	-.4852328	.5125522
4	-.1181886	.3150756	-0.38	0.710	-.7565175	.5201403
5	.1087348	.349734	0.31	0.758	-.5998334	.817303
totwealth_2012						
2	-.1475666	.2901294	-0.51	0.614	-.7353528	.4402197
3	-.5520745	1.093867	-0.50	0.617	-2.768177	1.664028
marital_2012						
2	.0909737	.4213899	0.22	0.830	-.7627796	.9447269
3	-.0180837	.3887804	-0.05	0.963	-.8057436	.7695762
4	-.1879524	.4476745	-0.42	0.677	-1.094917	.7190118
work_st_2012	-.0000843	.4515082	-0.00	1.000	-.9148164	.9146477
smoking_2012						
2	.2568881	.2382977	1.08	0.288	-.2259125	.7396887
3	-.0090042	.3890188	-0.02	0.982	-.7972461	.7792377
alcohol_2012						
2	-.1409619	.3494186	-0.40	0.689	-.8488854	.5669617
3	-.3513881	.50531	-0.70	0.491	-1.375481	.6727049
4	.3816394	.51315	0.74	0.462	-.6580212	1.4213
physic_act_2012	-.6792623	.1933364	-3.51	0.001	-1.070973	-.287552
2.srh_2012	-.3394248	.3557949	-0.95	0.346	-1.06024	.3813908
bmibr_2012						
2	-.6121181	.2811927	-2.18	0.036	-1.181925	-.0423113
3	-.3891569	.3116702	-1.25	0.220	-1.021016	.2427023
cardiometcondbr_2012	.1953522	.2334622	0.84	0.408	-.2776538	.6683583
cesd_2012	-.0626392	.0539462	-1.16	0.253	-.1719312	.0466528

hei2015_total_score	-.0071315	.0119172	-0.60	0.553	-.0312753	.0170122
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Note: 13 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,232
Number of strata	= 39	Population size	=	19,745,426
Number of PSUs	= 78	Subpop. no. obs	=	316
		Subpop. size	=	1,986,207
		Average RVI	=	0.0031
		Largest FMI	=	0.0064
		Complete DF	=	39
DF adjustment: Small sample		DF: min	=	36.99
		avg	=	37.11
		max	=	37.14
Model F test: Equal FMI		F( 25, 37.1)	=	18.27
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lasso_dem	.9012094	.3966705	2.27	0.029	.0975637	1.704855
AGE2012	.0972489	.0267065	3.64	0.001	.0431429	.1513548
SEX	-.3110085	.3625384	-0.86	0.396	-1.045496	.4234787
NonWhite	0 (omitted)					
education						
2	-1.184432	1.085703	-1.09	0.282	-3.384103	1.015239
3	.0068733	.2564856	0.03	0.979	-.512764	.5265105
4	-.0325577	.3152336	-0.10	0.918	-.6712088	.6060934
5	.1941297	.3354314	0.58	0.566	-.4854574	.8737168
totwealth_2012						
2	-.1056261	.3355518	-0.31	0.755	-.7854319	.5741796
3	-.5859283	1.130456	-0.52	0.607	-2.876156	1.704299
marital_2012						
2	.0165836	.4309878	0.04	0.970	-.8565809	.8897481
3	-.1304243	.3612515	-0.36	0.720	-.8622995	.601451
4	-.2476227	.4249534	-0.58	0.564	-1.10855	.6133049
work_st_2012	.0256685	.4360368	0.06	0.953	-.8577257	.9090626
smoking_2012						
2	.3297721	.2270345	1.45	0.155	-.1301863	.7897305
3	-.2285289	.4676701	-0.49	0.628	-1.176063	.7190047
alcohol_2012						
2	-.2868524	.3531766	-0.81	0.422	-1.00238	.4286748
3	-.6579414	.5167328	-1.27	0.211	-1.704948	.3890652
4	.2550457	.4967035	0.51	0.611	-.7512942	1.261386
physic_act_2012	-.584474	.2006914	-2.91	0.006	-.9910615	-.1778865
2.srh_2012	-.179756	.3611862	-0.50	0.622	-.9115007	.5519887
bmibr_2012						
2	-.5559873	.2844124	-1.95	0.058	-1.132212	.0202376
3	-.3158197	.3155399	-1.00	0.323	-.9551409	.3235014
cardiometcondbr_2012	.198116	.2864999	0.69	0.494	-.3823169	.7785489
cesd_2012	-.0291762	.0488395	-0.60	0.554	-.1281224	.0697699
hei2015_total_score	-.0174045	.010508	-1.66	0.106	-.0386933	.0038843

Note: 13 strata omitted because they contain no subpopulation members.

```

176 .
177 .
178 .
179 . *****HISP*****
180 .
181 .
182 .
183 . ***MODEL 1***
184 . foreach x of varlist foodinsecurity_tot lnhrud_odds lnexpert_odds lnlasso_odds {
      2. mi estimate: svy, subpop(HISP): stcox `x' AGE2012 SEX NonWhite
      3.
185 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,094
Number of strata =	36	Population size =	19,099,194
Number of PSUs =	72	Subpop. no. obs =	194
		Subpop. size =	1,467,101
		Average RVI =	0.0000
		Largest FMI =	0.0000
		Complete DF =	36
DF adjustment: Small sample	DF: min	=	34.15
	avg	=	34.15
	max	=	34.15
Model F test: Equal FMI	F( 3, 34.2)	=	8.55
Within VCE type: Linearized	Prob > F	=	0.0002

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_tot	.0796413	.1077971	0.74	0.465	-.1393925	.2986751
AGE2012	.1346263	.0269493	5.00	0.000	.0798678	.1893847
SEX	-.591905	.3725998	-1.59	0.121	-1.348993	.1651834
NonWhite	0	(omitted)				

Note: 16 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,094
Number of strata =	36	Population size =	19,099,194
Number of PSUs =	72	Subpop. no. obs =	194
		Subpop. size =	1,467,101
		Average RVI =	0.0000
		Largest FMI =	0.0000
		Complete DF =	36
DF adjustment: Small sample	DF: min	=	34.15
	avg	=	34.15
	max	=	34.15
Model F test: Equal FMI	F( 3, 34.2)	=	18.48
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
Inhurd_odds	.1925796	.0424929	4.53	0.000	.1062381	.2789212
AGE2012	.0997569	.0289156	3.45	0.002	.041003	.1585107
SEX	-.6523672	.4001507	-1.63	0.112	-1.465436	.1607019
NonWhite	0	(omitted)				

Note: 16 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,094
Number of strata	= 36	Population size	=	19,099,194
Number of PSUs	= 72	Subpop. no. obs	=	194
		Subpop. size	=	1,467,101
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	36
DF adjustment: Small sample		DF: min	=	34.15
		avg	=	34.15
		max	=	34.15
Model F test: Equal FMI		F( 3, 34.2)	=	8.83
Within VCE type: Linearized		Prob > F	=	0.0002

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
Inexpert_odds	.2012801	.0956948	2.10	0.043	.0068371	.395723
AGE2012	.094584	.0313145	3.02	0.005	.0309559	.1582121
SEX	-.6884618	.4257351	-1.62	0.115	-1.553516	.1765925
NonWhite	0	(omitted)				

Note: 16 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,094
Number of strata	= 36	Population size	=	19,099,194
Number of PSUs	= 72	Subpop. no. obs	=	194
		Subpop. size	=	1,467,101
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	36
DF adjustment: Small sample		DF: min	=	34.15
		avg	=	34.15
		max	=	34.15
Model F test: Equal FMI		F( 3, 34.2)	=	8.07
Within VCE type: Linearized		Prob > F	=	0.0003

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
Inlasso_odds	.2814644	.1116239	2.52	0.017	.0546549	.5082739
AGE2012	.0914938	.0314351	2.91	0.006	.0276206	.155367
SEX	-.7475327	.4316115	-1.73	0.092	-1.624527	.1294619
NonWhite	0	(omitted)				

Note: 16 strata omitted because they contain no subpopulation members.

```

186 .
187 .
188 . foreach x of varlist foodinsecurity_totbr hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(HISP): stcox `x' AGE2012 SEX NonWhite
      3.
189 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,094
Number of strata =	36	Population size =	19,099,194
Number of PSUs =	72	Subpop. no. obs =	194
		Subpop. size =	1,467,101
		Average RVI =	0.0000
		Largest FMI =	0.0000
		Complete DF =	36
DF adjustment: Small sample	DF: min	=	34.15
	avg	=	34.15
	max	=	34.15
Model F test: Equal FMI	F( 3, 34.2)	=	9.42
Within VCE type: Linearized	Prob > F	=	0.0001

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_totbr	.3449098	.5026171	0.69	0.497	-.6763615	1.366181
AGE2012	.134639	.0254409	5.29	0.000	.0829454	.1863326
SEX	-.5927956	.3645772	-1.63	0.113	-1.333583	.1479916
NonWhite	0 (omitted)					

Note: 16 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,094
Number of strata =	36	Population size =	19,099,194
Number of PSUs =	72	Subpop. no. obs =	194
		Subpop. size =	1,467,101
		Average RVI =	0.0000
		Largest FMI =	0.0000
		Complete DF =	36
DF adjustment: Small sample	DF: min	=	34.15
	avg	=	34.15
	max	=	34.15
Model F test: Equal FMI	F( 3, 34.2)	=	8.22
Within VCE type: Linearized	Prob > F	=	0.0003

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
hurd_dem	.4557533	.5523896	0.83	0.415	-.6666512	1.578158
AGE2012	.1194944	.0281903	4.24	0.000	.0622143	.1767746
SEX	-.6226896	.3860913	-1.61	0.116	-1.407191	.1618123
NonWhite	0 (omitted)					

Note: 16 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,094

Number of strata =	36	Population size =	19,099,194
Number of PSUs =	72	Subpop. no. obs =	194
		Subpop. size =	1,467,101
		Average RVI =	0.0000
		Largest FMI =	0.0000
		Complete DF =	36
DF adjustment:	Small sample	DF: min =	34.15
		avg =	34.15
		max =	34.15
Model F test:	Equal FMI	F( 3, 34.2) =	13.70
Within VCE type:	Linearized	Prob > F =	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
expert_dem	1.217682	.4416809	2.76	0.009	.3202269	2.115136
AGE2012	.1168612	.0269132	4.34	0.000	.0621761	.1715464
SEX	-.7319871	.3896499	-1.88	0.069	-1.52372	.0597455
NonWhite	0	(omitted)				

Note: 16 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates	Imputations =	5	
Survey: Cox regression	Number of obs =	2,094	
Number of strata =	36	Population size =	19,099,194
Number of PSUs =	72	Subpop. no. obs =	194
		Subpop. size =	1,467,101
		Average RVI =	0.0000
		Largest FMI =	0.0000
		Complete DF =	36
DF adjustment:	Small sample	DF: min =	34.15
		avg =	34.15
		max =	34.15
Model F test:	Equal FMI	F( 3, 34.2) =	7.54
Within VCE type:	Linearized	Prob > F =	0.0005

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lasso_dem	.6276833	.4231675	1.48	0.147	-.2321539	1.487521
AGE2012	.1121316	.0263265	4.26	0.000	.0586385	.1656246
SEX	-.644841	.4155071	-1.55	0.130	-1.489113	.1994309
NonWhite	0	(omitted)				

Note: 16 strata omitted because they contain no subpopulation members.

```

190 .
191 . ***MODEL 2***
192 . foreach x of varlist foodinsecurity_tot ln_hurd_odds ln_expert_odds ln_lasso_odds {
      2. mi estimate: svy, subpop(HISP): stcox `x' AGE2012 SEX NonWhite i.education i.totwealth_2012 i.marital_2012
      > ndbr_2012 cesd_2012 hei2015_total_score
      3.

```

193 . }

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,008
Number of strata =	35	Population size =	18,187,874
Number of PSUs =	70	Subpop. no. obs =	186
		Subpop. size =	1,374,492
		Average RVI =	0.2045
		Largest FMI =	0.1208
		Complete DF =	35
DF adjustment: Small sample	DF: min	=	27.23
	avg	=	32.68
	max	=	33.11
Model F test: Equal FMI	F( 25, 31.9)	=	34.35
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_tot	-.0708398	.1134029	-0.62	0.536	-.301553	.1598733
AGE2012	.2205157	.0529908	4.16	0.000	.1127185	.3283129
SEX	-.7154739	.6360765	-1.12	0.269	-2.009529	.5785816
NonWhite	0 (omitted)					
education						
2	-.1375877	.7358348	-0.19	0.853	-1.634573	1.359398
3	-1.95152	.7672739	-2.54	0.016	-3.512483	-.3905578
4	-1.273637	1.423024	-0.90	0.377	-4.168511	1.621236
5	-.565501	.6055108	-0.93	0.359	-1.807424	.6764218
totwealth_2012						
2	.3938101	.4114756	0.96	0.345	-.4432501	1.23087
3	3.207528	1.435624	2.23	0.032	.2863531	6.128704
marital_2012						
2	-3.201869	1.027309	-3.12	0.004	-5.292119	-1.111619
3	-3.721018	1.292049	-2.88	0.007	-6.3494	-1.092636
4	-3.79896	1.191846	-3.19	0.003	-6.223621	-1.374298
work_st_2012	-.3639847	.4353455	-0.84	0.409	-1.249799	.5218299
smoking_2012						
2	1.214976	.4563409	2.66	0.012	.2855361	2.144416
3	-1.023322	1.530249	-0.67	0.508	-4.136619	2.089976
alcohol_2012						
2	-.0848275	.4988981	-0.17	0.866	-1.100193	.9305379
3	-.2702296	.8472294	-0.32	0.752	-1.996705	1.456246
4	-1.457829	.7516285	-1.94	0.061	-2.987519	.0718613
physic_act_2012	-.0609586	.2712253	-0.22	0.824	-.6127672	.49085
2.srh_2012	-.7110443	.4242863	-1.68	0.103	-1.574177	.152088
bmibr_2012						
2	-1.11462	.6850485	-1.63	0.113	-2.508182	.2789431
3	.3442794	.6210184	0.55	0.583	-.9191775	1.607736
cardiometcondbr_2012	1.160224	.513266	2.26	0.031	.116001	2.204447
cesd_2012	.1118119	.1283636	0.87	0.390	-.1493198	.3729436
hei2015_total_score	.0153964	.0257742	0.60	0.554	-.0370432	.0678359

Note: 17 strata omitted because they contain no subpopulation members.



Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,008
Number of strata	= 35	Population size	=	18,187,874
Number of PSUs	= 70	Subpop. no. obs	=	186
		Subpop. size	=	1,374,492
		Average RVI	=	0.3145
		Largest FMI	=	0.2326
		Complete DF	=	35
DF adjustment: Small sample		DF: min	=	20.60
		avg	=	32.06
		max	=	33.14
Model F test: Equal FMI		F( 25, 31.1)	=	24.86
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnhurd_odds	.2020036	.1268154	1.59	0.121	-.0562868	.460294
AGE2012	.184017	.051517	3.57	0.001	.0792212	.2888128
SEX	-.8250456	.6476241	-1.27	0.212	-2.142836	.4927451
NonWhite	0 (omitted)					
education						
2	-.0963915	.705092	-0.14	0.892	-1.530966	1.338183
3	-1.526373	.7280538	-2.10	0.044	-3.007427	-.0453191
4	-1.272975	1.583545	-0.80	0.427	-4.494428	1.948478
5	-.3919593	.667191	-0.59	0.563	-1.7811	.9971817
totwealth_2012						
2	.6980732	.4498405	1.55	0.130	-.2174811	1.613628
3	3.093379	1.451723	2.13	0.041	.1383279	6.04843
marital_2012						
2	-3.296795	1.159039	-2.84	0.008	-5.655334	-.9382566
3	-3.560822	1.323699	-2.69	0.011	-6.253633	-.8680113
4	-3.758513	1.189678	-3.16	0.003	-6.179171	-1.337855
work_st_2012	.0845956	.5576105	0.15	0.880	-1.049731	1.218922
smoking_2012						
2	1.098485	.4041567	2.72	0.011	.2698521	1.927118
3	-1.131664	1.486221	-0.76	0.452	-4.155948	1.89262
alcohol_2012						
2	-.0430746	.5623315	-0.08	0.939	-1.187666	1.101517
3	-.1032672	.9882533	-0.10	0.917	-2.120765	1.91423
4	-1.17152	.8198166	-1.43	0.163	-2.840492	.4974526
physic_act_2012	-.0300486	.2590106	-0.12	0.908	-.5570889	.4969917
2.srh_2012	-.6095054	.4968028	-1.23	0.229	-1.620221	.4012105
bmibr_2012						
2	-1.082089	.7193824	-1.50	0.142	-2.54548	.3813008
3	.2054767	.5626095	0.37	0.717	-.9390673	1.350021
cardiometcondbr_2012	1.194389	.5873474	2.03	0.050	-.0006074	2.389386
cesd_2012	.082108	.1202148	0.68	0.499	-.1625046	.3267206
hei2015_total_score	.0165884	.0280511	0.59	0.558	-.0404841	.0736609

Note: 17 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,008
Number of strata	= 35	Population size	=	18,187,874
Number of PSUs	= 70	Subpop. no. obs	=	186
		Subpop. size	=	1,374,492
		Average RVI	=	0.2812
		Largest FMI	=	0.2629
		Complete DF	=	35
DF adjustment: Small sample		DF: min	=	18.98
		avg	=	32.09
		max	=	33.12
Model F test: Equal FMI		F( 25, 31.3)	=	26.71
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnexpert_odds	.1278302	.1094873	1.17	0.252	-.0951433	.3508037
AGE2012	.1946745	.0515886	3.77	0.001	.0897311	.2996179
SEX	-.8751411	.6365676	-1.37	0.178	-2.170219	.4199364
NonWhite	0	(omitted)				
education						
2	-.0207914	.6990756	-0.03	0.976	-1.443084	1.401501
3	-1.490278	.7228461	-2.06	0.047	-2.96075	-.019805
4	-1.122144	1.511009	-0.74	0.463	-4.196251	1.951964
5	-.30332	.6226849	-0.49	0.632	-1.606707	1.000067
totwealth_2012						
2	.5290249	.4445109	1.19	0.243	-.3754294	1.433479
3	2.984261	1.334287	2.24	0.032	.2671788	5.701343
marital_2012						
2	-3.325532	1.311382	-2.54	0.016	-5.993822	-.6572418
3	-3.649371	1.416903	-2.58	0.015	-6.531793	-.7669495
4	-3.776268	1.273571	-2.97	0.006	-6.367424	-1.185112
work_st_2012	.0181536	.5665799	0.03	0.975	-1.134419	1.170726
smoking_2012						
2	1.189277	.4108432	2.89	0.007	.3492024	2.029352
3	-.9240387	1.480328	-0.62	0.537	-3.936401	2.088323
alcohol_2012						
2	-.1704657	.5012412	-0.34	0.736	-1.190893	.8499621
3	-.1933095	.9362713	-0.21	0.838	-2.103487	1.716868
4	-1.23024	.8127281	-1.51	0.140	-2.884554	.4240741
physic_act_2012	-.0626755	.2581073	-0.24	0.810	-.587852	.4625011
2.srh_2012	-.6198219	.4722909	-1.31	0.198	-1.580701	.3410576
bmibr_2012						
2	-1.069709	.669528	-1.60	0.120	-2.431727	.2923082
3	.2421747	.575506	0.42	0.677	-.9286033	1.412953
cardiometcondbr_2012	1.1876	.5789512	2.05	0.048	.0096999	2.365501
cesd_2012	.097119	.114186	0.85	0.401	-.1352083	.3294463
hei2015_total_score	.0161195	.0267423	0.60	0.551	-.0382931	.0705321

Note: 17 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,008
Number of strata	= 35	Population size	=	18,187,874
Number of PSUs	= 70	Subpop. no. obs	=	186
		Subpop. size	=	1,374,492
		Average RVI	=	0.4851
		Largest FMI	=	0.2345
		Complete DF	=	35
DF adjustment: Small sample		DF: min	=	20.49
		avg	=	31.77
		max	=	33.15
Model F test: Equal FMI		F( 25, 29.7)	=	25.26
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnlasso_odds	.3330634	.1774103	1.88	0.070	-.0285169	.6946437
AGE2012	.1872564	.0549785	3.41	0.002	.0754205	.2990923
SEX	-.9287158	.70613	-1.32	0.198	-2.365455	.5080235
NonWhite	0	(omitted)				
education						
2	.1122519	.7063933	0.16	0.875	-1.325135	1.549639
3	-1.172352	.7066768	-1.66	0.107	-2.609934	.2652294
4	-1.018376	1.508515	-0.68	0.504	-4.087523	2.050771
5	-.3646762	.8485478	-0.43	0.672	-2.131981	1.402629
totwealth_2012						
2	.6624639	.489058	1.35	0.185	-.3327932	1.657721
3	2.869113	1.314322	2.18	0.037	.1906544	5.547572
marital_2012						
2	-3.689673	1.169419	-3.16	0.003	-6.070036	-1.30931
3	-3.797465	1.231227	-3.08	0.004	-6.302563	-1.292367
4	-4.183088	1.171877	-3.57	0.001	-6.568567	-1.797608
work_st_2012	.2314833	.6400485	0.36	0.720	-1.070753	1.533719
smoking_2012						
2	1.279458	.4180248	3.06	0.006	.4148825	2.144034
3	-.9088005	1.463302	-0.62	0.539	-3.887056	2.069455
alcohol_2012						
2	.0807182	.5673438	0.14	0.888	-1.07412	1.235556
3	.0839365	1.027293	0.08	0.935	-2.012965	2.180838
4	-.9185372	.8399498	-1.09	0.282	-2.628419	.7913451
physic_act_2012	-.0376489	.2565109	-0.15	0.884	-.5595931	.4842954
2.srh_2012	-.5549404	.4855324	-1.14	0.261	-1.542835	.4329544
bmibr_2012						
2	-.8497046	.7359928	-1.15	0.257	-2.346937	.6475278
3	.4123496	.5988563	0.69	0.496	-.8060869	1.630786
cardiometcondbr_2012	1.290332	.5920065	2.18	0.037	.0859352	2.494729
cesd_2012	.074062	.123116	0.60	0.552	-.1764876	.3246116
hei2015_total_score	.0221745	.0276659	0.80	0.429	-.0341286	.0784776

Note: 17 strata omitted because they contain no subpopulation members.

```

194 .
195 .
196 . foreach x of varlist foodinsecurity_totbr hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(HISP): stcox `x' AGE2012 SEX NonWhite i.education i.totwealth_2012 i.marital_2012
      > ndbr_2012 cesd_2012 hei2015_total_score
      3.
197 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,008
Number of strata =	35	Population size =	18,187,874
Number of PSUs =	70	Subpop. no. obs =	186
		Subpop. size =	1,374,492
		Average RVI =	0.1884
		Largest FMI =	0.1260
		Complete DF =	35
DF adjustment: Small sample	DF: min	=	26.91
	avg	=	32.67
	max	=	33.14
Model F test: Equal FMI	F( 25, 32.0)	=	31.90
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_totbr	-.1132679	.4821315	-0.23	0.816	-1.094048	.8675119
AGE2012	.2221839	.0528119	4.21	0.000	.1147504	.3296174
SEX	-.7660413	.6299215	-1.22	0.233	-2.04756	.5154775
NonWhite	0	(omitted)				
education						
2	-.1320032	.7260393	-0.18	0.857	-1.609061	1.345054
3	-1.908495	.7611339	-2.51	0.017	-3.456935	-.3600541
4	-1.264872	1.45678	-0.87	0.392	-4.22852	1.698775
5	-.5532966	.5800896	-0.95	0.349	-1.743728	.6371353
totwealth_2012						
2	.4030937	.3966614	1.02	0.317	-.4038353	1.210023
3	3.203282	1.45653	2.20	0.035	.2395279	6.167036
marital_2012						
2	-2.973977	1.037459	-2.87	0.007	-5.08471	-.8632441
3	-3.503385	1.388814	-2.52	0.017	-6.328498	-.6782724
4	-3.570261	1.228682	-2.91	0.006	-6.069714	-1.070808
work_st_2012	-.2918925	.4120644	-0.71	0.484	-1.130318	.5465326
smoking_2012						
2	1.172894	.455125	2.58	0.015	.2459886	2.0998
3	-1.000515	1.566456	-0.64	0.527	-4.187472	2.186442
alcohol_2012						
2	-.1352432	.4966809	-0.27	0.787	-1.146193	.8757072
3	-.2867893	.8538496	-0.34	0.739	-2.02684	1.453261
4	-1.442378	.7713367	-1.87	0.070	-3.012243	.1274865
physic_act_2012	-.0492943	.2812328	-0.18	0.862	-.6214519	.5228633
2.srh_2012	-.6641056	.469389	-1.41	0.166	-1.618998	.290787
bmibr_2012						
2	-1.14475	.708325	-1.62	0.116	-2.58566	.2961605
3	.3434864	.6299603	0.55	0.589	-.938146	1.625119

cardiometcondbr_2012	1.155125	.5227467	2.21	0.034	.0916054	2.218645
cesd_2012	.1109338	.1291532	0.86	0.397	-.1518034	.3736709
hei2015_total_score	.0152086	.0247914	0.61	0.544	-.0352321	.0656493

Note: 17 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	=	5	
Survey: Cox regression		Number of obs	=	2,008	
Number of strata	=	35	Population size	=	18,187,874
Number of PSUs	=	70	Subpop. no. obs	=	186
			Subpop. size	=	1,374,492
			Average RVI	=	0.1867
			Largest FMI	=	0.0849
			Complete DF	=	35
DF adjustment:	Small sample	DF: min	=	29.35	
		avg	=	32.78	
		max	=	33.15	
Model F test:	Equal FMI	F( 25, 32.0)	=	31.56	
Within VCE type:	Linearized	Prob > F	=	0.0000	

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
hurldem	-.0287198	.6956357	-0.04	0.967	-1.444426	1.386986
AGE2012	.2240697	.060228	3.72	0.001	.1015527	.3465866
SEX	-.7829268	.6766265	-1.16	0.256	-2.15935	.5934963
NonWhite	0	(omitted)				
education						
2	-.1199348	.768631	-0.16	0.877	-1.683621	1.443752
3	-1.900059	.7933078	-2.40	0.022	-3.513845	-.2862716
4	-1.243757	1.398447	-0.89	0.380	-4.088777	1.601263
5	-.5379283	.6303641	-0.85	0.400	-1.826506	.7506493
totwealth_2012						
2	.4123084	.3472433	1.19	0.244	-.2944102	1.119027
3	3.192272	1.39164	2.29	0.028	.3607291	6.023814
marital_2012						
2	-2.867719	1.318881	-2.17	0.037	-5.550798	-.1846393
3	-3.434808	1.471676	-2.33	0.026	-6.428447	-.4411697
4	-3.466422	1.3665	-2.54	0.016	-6.246159	-.6866856
work_st_2012	-.2645851	.4421019	-0.60	0.554	-1.164138	.6349674
smoking_2012						
2	1.153087	.457086	2.52	0.017	.2227201	2.083455
3	-1.032953	1.537108	-0.67	0.506	-4.160063	2.094157
alcohol_2012						
2	-.1657755	.5407758	-0.31	0.761	-1.266391	.9348402
3	-.294168	.9317213	-0.32	0.754	-2.192355	1.604019
4	-1.448636	.800782	-1.81	0.080	-3.078342	.181071
physic_act_2012	-.0386635	.2807345	-0.14	0.891	-.6097985	.5324716
2.srh_2012	-.6698476	.4649892	-1.44	0.159	-1.615766	.276071
bmibr_2012						
2	-1.181395	.6706438	-1.76	0.087	-2.54568	.1828907
3	.3258648	.6212319	0.52	0.603	-.9380433	1.589773

cardiometcondbr_2012	1.163679	.5370567	2.17	0.038	.0710432	2.256314
cesd_2012	.1123383	.1200246	0.94	0.356	-.1318341	.3565108
hei2015_total_score	.0155961	.0245097	0.64	0.529	-.0342767	.065469

Note: 17 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,008
Number of strata	=	35		
Number of PSUs	=	70		
		Population size	=	18,187,874
		Subpop. no. obs	=	186
		Subpop. size	=	1,374,492
		Average RVI	=	0.2949
		Largest FMI	=	0.2365
		Complete DF	=	35
DF adjustment: Small sample		DF: min	=	20.39
		avg	=	32.25
		max	=	33.15
Model F test: Equal FMI		F( 25, 31.2)	=	46.00
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
expert_dem	.8566113	.5101946	1.68	0.103	-.1815938	1.894816
AGE2012	.1942976	.0517591	3.75	0.001	.0890092	.299586
SEX	-.9962761	.7143105	-1.39	0.172	-2.449471	.4569187
NonWhite	0	(omitted)				
education						
2	-.0199139	.6262936	-0.03	0.975	-1.294172	1.254344
3	-1.444709	.749436	-1.93	0.063	-2.969258	.0798395
4	-1.2507	1.446376	-0.86	0.393	-4.193461	1.69206
5	-.5286468	.5894611	-0.90	0.380	-1.756753	.6994591
totwealth_2012						
2	.4488843	.5178427	0.87	0.392	-.6045319	1.5023
3	3.095199	1.403656	2.21	0.035	.2372623	5.953135
marital_2012						
2	-3.163848	1.329261	-2.38	0.023	-5.867991	-.459704
3	-3.62901	1.528365	-2.37	0.024	-6.738021	-.5199987
4	-3.573284	1.324513	-2.70	0.011	-6.267677	-.8788917
work_st_2012	-.0619721	.5090028	-0.12	0.904	-1.097367	.973423
smoking_2012						
2	1.102277	.4032928	2.73	0.011	.2777854	1.926769
3	-1.11391	1.603217	-0.69	0.492	-4.376067	2.148246
alcohol_2012						
2	-.2461409	.5258323	-0.47	0.643	-1.316554	.8242726
3	-.1588829	.9022701	-0.18	0.861	-1.997914	1.680148
4	-1.357575	.7946407	-1.71	0.097	-2.975227	.2600771
physic_act_2012	-.0906847	.2940209	-0.31	0.760	-.6888294	.5074601
2.srh_2012	-.4214362	.4695731	-0.90	0.376	-1.376872	.5339995
bmibr_2012						
2	-1.096335	.601355	-1.82	0.077	-2.31964	.1269704
3	.1581125	.5998515	0.26	0.794	-1.062161	1.378386
cardiometcondbr_2012	1.125923	.5824187	1.93	0.062	-.0589714	2.310818

cesd_2012	.0962373	.1241435	0.78	0.444	-.1563081	.3487828
hei2015_total_score	.0146314	.0267229	0.55	0.588	-.0397407	.0690034

Note: 17 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,008
Number of strata	= 35	Population size	=	18,187,874
Number of PSUs	= 70	Subpop. no. obs	=	186
		Subpop. size	=	1,374,492
		Average RVI	=	0.4011
		Largest FMI	=	0.1305
		Complete DF	=	35
DF adjustment: Small sample		DF: min	=	26.63
		avg	=	32.38
		max	=	33.15
Model F test: Equal FMI		F( 25, 30.4)	=	31.16
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lasso_dem	1.104759	.5071883	2.18	0.037	.070928	2.138589
AGE2012	.1973148	.0530201	3.72	0.001	.0894628	.3051667
SEX	-.9486579	.7395094	-1.28	0.208	-2.453119	.5558029
NonWhite	0	(omitted)				
education						
2	-.0610923	.6380584	-0.10	0.924	-1.359312	1.237128
3	-1.457935	.7406874	-1.97	0.057	-2.964661	.0487914
4	-1.30305	1.382016	-0.94	0.353	-4.114719	1.508619
5	-.6770733	.8515979	-0.80	0.434	-2.42553	1.071383
totwealth_2012						
2	.6181908	.5366197	1.15	0.258	-.4735847	1.709966
3	3.235206	1.37261	2.36	0.025	.4411703	6.029242
marital_2012						
2	-3.247231	1.356396	-2.39	0.022	-6.006666	-.4877959
3	-3.429849	1.511513	-2.27	0.030	-6.504557	-.3551417
4	-3.697965	1.352066	-2.74	0.010	-6.448459	-.9474702
work_st_2012	-.2841133	.5095104	-0.56	0.581	-1.321123	.7528962
smoking_2012						
2	1.224977	.4391026	2.79	0.009	.3263064	2.123648
3	-.793074	1.537639	-0.52	0.609	-3.922395	2.336247
alcohol_2012						
2	.1446078	.5332906	0.27	0.788	-.940891	1.230107
3	.0148452	.9854314	0.02	0.988	-1.993672	2.023363
4	-1.299452	.8049982	-1.61	0.116	-2.937992	.3390884
physic_act_2012	-.0307155	.2706934	-0.11	0.910	-.5814335	.5200025
2.srh_2012	-.6254127	.5009057	-1.25	0.221	-1.64447	.3936446
bmibr_2012						
2	-.6907981	.7755234	-0.89	0.380	-2.26862	.8870239
3	.5272304	.6011369	0.88	0.387	-.6959986	1.750459
cardiometcondbr_2012	1.174964	.6131454	1.92	0.064	-.0724498	2.422378
cesd_2012	.0835257	.1324156	0.63	0.533	-.1858788	.3529301

hei2015_total_score	.0273481	.0280619	0.97	0.337	-.0297642	.0844605
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Note: 17 strata omitted because they contain no subpopulation members.

```

198 .
199 .
200 . *****NonWhite*****
201 .
202 . ***MODEL 1***
203 . foreach x of varlist foodinsecurity_tot lnhrd_odds lnexpert_odds lnlasso_odds {
      2. mi estimate: svy, subpop(NonWhite): stcox `x' AGE2012 SEX NonWhite
      3.
204 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,791
Number of strata =	48	Population size =	24,834,516
Number of PSUs =	96	Subpop. no. obs =	526
		Subpop. size =	3,571,946
		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)	=	22.07
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_tot	.0122531	.0735719	0.17	0.868	-.1358292	.1603353
AGE2012	.108637	.0143328	7.58	0.000	.0797886	.1374854
SEX	-.4227118	.1929724	-2.19	0.034	-.8111184	-.0343051
NonWhite	0	(omitted)				

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

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,791
Number of strata =	48	Population size =	24,834,516
Number of PSUs =	96	Subpop. no. obs =	526
		Subpop. size =	3,571,946
		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)	=	32.24
Within VCE type: Linearized	Prob > F	=	0.0000



_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
Inhurd_odds	.1680043	.0327635	5.13	0.000	.1020593	.2339492
AGE2012	.0740471	.0177355	4.18	0.000	.0383499	.1097444
SEX	-.4545961	.1841113	-2.47	0.017	-.8251675	-.0840247
NonWhite	0 (omitted)					

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

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,791
Number of strata =	48	Population size =	24,834,516
Number of PSUs =	96	Subpop. no. obs =	526
		Subpop. size =	3,571,946
		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)	=	25.34
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
Inexpert_odds	.187808	.061936	3.03	0.004	.063146	.3124701
AGE2012	.0662943	.0228558	2.90	0.006	.0202911	.1122975
SEX	-.5623582	.1917701	-2.93	0.005	-.9483448	-.1763716
NonWhite	0 (omitted)					

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

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,791
Number of strata =	48	Population size =	24,834,516
Number of PSUs =	96	Subpop. no. obs =	526
		Subpop. size =	3,571,946
		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)	=	28.11
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
Inlasso_odds	.2146049	.081759	2.62	0.012	.050044	.3791658
AGE2012	.0721231	.022782	3.17	0.003	.0262684	.1179777
SEX	-.5161686	.1914456	-2.70	0.010	-.9015021	-.1308352
NonWhite	0 (omitted)					

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

```

205 .
206 .
207 . foreach x of varlist foodinsecurity_totbr hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(NonWhite): stcox `x' AGE2012 SEX NonWhite
      3.
208 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,791
Number of strata =	48	Population size =	24,834,516
Number of PSUs =	96	Subpop. no. obs =	526
		Subpop. size =	3,571,946
		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)	=	22.40
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_totbr	-.0562347	.2744004	-0.20	0.839	-.6085362	.4960667
AGE2012	.1076209	.0143499	7.50	0.000	.0787382	.1365037
SEX	-.4148413	.1937263	-2.14	0.038	-.8047653	-.0249172
NonWhite	0 (omitted)					

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

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,791
Number of strata =	48	Population size =	24,834,516
Number of PSUs =	96	Subpop. no. obs =	526
		Subpop. size =	3,571,946
		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)	=	26.77
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
hurd_dem	.5528169	.3185117	1.74	0.089	-.0882698	1.193904
AGE2012	.0927712	.019156	4.84	0.000	.0542147	.1313276
SEX	-.4590851	.1866533	-2.46	0.018	-.8347729	-.0833973
NonWhite	0 (omitted)					

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

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,791

Number of strata =	48	Population size =	24,834,516
Number of PSUs =	96	Subpop. no. obs =	526
		Subpop. size =	3,571,946
		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) =	28.09
Within VCE type: Linearized		Prob > F =	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
expert_dem	1.087676	.2973163	3.66	0.001	.4892502	1.686101
AGE2012	.0816311	.018823	4.34	0.000	.0437451	.1195172
SEX	-.5845602	.1843703	-3.17	0.003	-.9556529	-.2134675
NonWhite	0 (omitted)					

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

Multiple-imputation estimates	Imputations =	5	
Survey: Cox regression	Number of obs =	2,791	
Number of strata =	48	Population size =	24,834,516
Number of PSUs =	96	Subpop. no. obs =	526
		Subpop. size =	3,571,946
		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) =	25.67	
Within VCE type: Linearized	Prob > F =	0.0000	

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lasso_dem	.722468	.303509	2.38	0.021	.1115781	1.333358
AGE2012	.0868323	.0189763	4.58	0.000	.0486376	.125027
SEX	-.510559	.2038099	-2.51	0.016	-.9207789	-.1003391
NonWhite	0 (omitted)					

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

209 .

210 . \*\*\*MODEL 2\*\*\*

211 . foreach x of varlist foodinsecurity\_tot ln\_hurd\_odds lnexpert\_odds lnlasso\_odds {  
2. mi estimate: svy, subpop(NonWhite): stcox `x' AGE2012 SEX NonWhite i.education i.totwealth\_2012 i.marital\_2  
> etcondbr\_2012 cesd\_2012 hei2015\_total\_score  
3.

212 . }

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,689
Number of strata =	47	Population size =	23,804,558
Number of PSUs =	94	Subpop. no. obs =	502
		Subpop. size =	3,360,699
		Average RVI =	0.0086
		Largest FMI =	0.0262
		Complete DF =	47
DF adjustment: Small sample	DF: min	=	43.80
	avg	=	44.99
	max	=	45.12
Model F test: Equal FMI	F( 25, 45.1)	=	18.96
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_tot	-.0183925	.0921985	-0.20	0.843	-.2040765	.1672916
AGE2012	.1288507	.0183756	7.01	0.000	.0918419	.1658594
SEX	-.2105554	.2382928	-0.88	0.382	-.6904922	.2693814
NonWhite	0 (omitted)					
education						
2	-.4415577	.4836514	-0.91	0.366	-1.415663	.5325476
3	-.1902832	.2720852	-0.70	0.488	-.7382577	.3576914
4	-.0714703	.3281041	-0.22	0.829	-.7322693	.5893287
5	.2690206	.3408035	0.79	0.434	-.4174522	.9554934
totwealth_2012						
2	-.0393777	.2729809	-0.14	0.886	-.5891541	.5103986
3	.1470951	.8505481	0.17	0.863	-1.565879	1.860069
marital_2012						
2	-.3583274	.3827769	-0.94	0.354	-1.129237	.4125824
3	-.4758491	.4135042	-1.15	0.256	-1.308632	.3569337
4	-.781698	.4079432	-1.92	0.062	-1.603281	.0398848
work_st_2012	.1310733	.3192411	0.41	0.683	-.5118692	.7740159
smoking_2012						
2	.5817437	.2007274	2.90	0.006	.177424	.9860635
3	.1682458	.406184	0.41	0.681	-.6498045	.986296
alcohol_2012						
2	-.2801229	.2633785	-1.06	0.293	-.8106006	.2503549
3	-.6500988	.3562399	-1.82	0.075	-1.368145	.0679475
4	-.231373	.4138373	-0.56	0.579	-1.065175	.6024289
physic_act_2012	-.4109468	.1385134	-2.97	0.005	-.6899153	-.1319783
2.srh_2012	-.3208202	.2443257	-1.31	0.196	-.8128855	.1712452
bmibr_2012						
2	-.6023249	.2246332	-2.68	0.010	-1.054743	-.149907
3	-.3204555	.2504018	-1.28	0.207	-.8247792	.1838681
cardiometcondbr_2012	.4332366	.228421	1.90	0.064	-.0268035	.8932768
cesd_2012	.0081885	.0509158	0.16	0.873	-.0943548	.1107318
hei2015_total_score	-.0100178	.0126364	-0.79	0.432	-.0354674	.0154318

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

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,689
Number of strata	=	47		
Number of PSUs	=	94		
		Population size	=	23,804,558
		Subpop. no. obs	=	502
		Subpop. size	=	3,360,699
		Average RVI	=	0.0121
		Largest FMI	=	0.0417
		Complete DF	=	47
DF adjustment: Small sample		DF: min	=	42.74
		avg	=	44.84
		max	=	45.12
Model F test: Equal FMI		F( 25, 45.1)	=	15.11
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnhurd_odds	.2053743	.0733407	2.80	0.007	.0576597	.353089
AGE2012	.0944742	.021475	4.40	0.000	.0512221	.1377263
SEX	-.2466101	.2386854	-1.03	0.307	-.7273619	.2341417
NonWhite	0 (omitted)					
education						
2	-.3670944	.4579221	-0.80	0.427	-1.289373	.5551837
3	-.0570144	.2457003	-0.23	0.818	-.5518616	.4378329
4	.0356368	.3099019	0.11	0.909	-.588497	.6597705
5	.5094819	.3659147	1.39	0.171	-.2277723	1.246736
totwealth_2012						
2	.1121768	.2897533	0.39	0.700	-.4713853	.6957389
3	.4909709	.8624407	0.57	0.572	-1.245951	2.227893
marital_2012						
2	-.3519456	.3972918	-0.89	0.380	-1.152102	.4482106
3	-.3821367	.4725852	-0.81	0.423	-1.33391	.5696364
4	-.6612049	.4311747	-1.53	0.132	-1.529576	.2071664
work_st_2012	.1801624	.3469739	0.52	0.606	-.5186396	.8789644
smoking_2012						
2	.5603526	.1888906	2.97	0.005	.1793515	.9413537
3	-.0120039	.4148387	-0.03	0.977	-.8475035	.8234958
alcohol_2012						
2	-.1404531	.2518351	-0.56	0.580	-.6476818	.3667757
3	-.5082596	.3901834	-1.30	0.200	-1.294856	.2783364
4	-.0824684	.4381749	-0.19	0.852	-.9654051	.8004684
physic_act_2012	-.4144618	.1519644	-2.73	0.009	-.7205202	-.1084034
2.srh_2012	-.3201952	.2499482	-1.28	0.207	-.8235861	.1831957
bmibr_2012						
2	-.4439451	.2501412	-1.77	0.083	-.9477474	.0598573
3	-.2006437	.2527014	-0.79	0.431	-.7096301	.3083428
cardiometcondbr_2012	.4843587	.2332762	2.08	0.044	.0145369	.9541806
cesd_2012	-.0369295	.048993	-0.75	0.455	-.1356033	.0617444
hei2015_total_score	-.0094208	.0128063	-0.74	0.466	-.0352129	.0163712

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

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,689
Number of strata	=	47		
Number of PSUs	=	94		
		Population size	=	23,804,558
		Subpop. no. obs	=	502
		Subpop. size	=	3,360,699
		Average RVI	=	0.0128
		Largest FMI	=	0.0343
		Complete DF	=	47
DF adjustment: Small sample		DF: min	=	43.26
		avg	=	44.87
		max	=	45.11
Model F test: Equal FMI		F( 25, 45.1)	=	15.34
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnexpert_odds	.2037521	.0530587	3.84	0.000	.0968917	.3106126
AGE2012	.0991855	.0230532	4.30	0.000	.0527548	.1456162
SEX	-.2989542	.2401264	-1.24	0.220	-.7826216	.1847132
NonWhite	0	(omitted)				
education						
2	-.2853864	.4415034	-0.65	0.521	-1.17459	.6038167
3	-.1094821	.2433862	-0.45	0.655	-.5996695	.3807052
4	-.0898776	.3191329	-0.28	0.780	-.7326024	.5528472
5	.4292013	.3533173	1.21	0.231	-.2826205	1.141023
totwealth_2012						
2	.0790429	.2612939	0.30	0.764	-.4472028	.6052886
3	.6977733	.8267839	0.84	0.403	-.9673392	2.362886
marital_2012						
2	-.2395867	.4019859	-0.60	0.554	-1.049203	.5700296
3	-.2547255	.4867406	-0.52	0.603	-1.235009	.7255582
4	-.5362145	.4258623	-1.26	0.214	-1.393891	.3214616
work_st_2012	.0339866	.3720638	0.09	0.928	-.7153502	.7833235
smoking_2012						
2	.575555	.1910468	3.01	0.004	.1903396	.9607703
3	-.0061873	.4109965	-0.02	0.988	-.8339668	.8215922
alcohol_2012						
2	-.1274814	.2552372	-0.50	0.620	-.6415828	.38662
3	-.443716	.4024351	-1.10	0.276	-1.254824	.3673919
4	.0292384	.4482097	0.07	0.948	-.8738886	.9323655
physic_act_2012	-.4520031	.1558793	-2.90	0.006	-.7659487	-.1380575
2.srh_2012	-.375977	.2554337	-1.47	0.148	-.8904161	.1384621
bmibr_2012						
2	-.48525	.2498039	-1.94	0.058	-.9884005	.0179005
3	-.2115456	.2554663	-0.83	0.412	-.7261489	.3030577
cardiometcondbr_2012	.470884	.2259088	2.08	0.043	.0158823	.9258856
cesd_2012	-.0490998	.0485818	-1.01	0.318	-.1469445	.048745
hei2015_total_score	-.0098477	.0134247	-0.73	0.467	-.0368851	.0171898

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

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,689
Number of strata	= 47	Population size	=	23,804,558
Number of PSUs	= 94	Subpop. no. obs	=	502
		Subpop. size	=	3,360,699
		Average RVI	=	0.0128
		Largest FMI	=	0.0522
		Complete DF	=	47
DF adjustment: Small sample		DF: min	=	41.94
		avg	=	44.79
		max	=	45.12
Model F test: Equal FMI		F( 25, 45.1)	=	12.98
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnlasso_odds	.2509256	.0902308	2.78	0.008	.0691846	.4326665
AGE2012	.1058803	.0214647	4.93	0.000	.062649	.1491116
SEX	-.3326608	.2451665	-1.36	0.182	-.8264583	.1611368
NonWhite	0	(omitted)				
education						
2	-.2460034	.4529727	-0.54	0.590	-1.158319	.6663121
3	-.0762893	.2432696	-0.31	0.755	-.5662516	.413673
4	.0454885	.3106104	0.15	0.884	-.5800731	.67105
5	.4360771	.3707782	1.18	0.246	-.3110302	1.183184
totwealth_2012						
2	.1507463	.3011773	0.50	0.619	-.4558289	.7573215
3	.4966047	.8588816	0.58	0.566	-1.233149	2.226358
marital_2012						
2	-.4055441	.3979676	-1.02	0.314	-1.207067	.3959788
3	-.4961155	.4646583	-1.07	0.291	-1.431922	.4396914
4	-.7584071	.4115937	-1.84	0.072	-1.587344	.0705295
work_st_2012	.1404888	.3523632	0.40	0.692	-.5691708	.8501483
smoking_2012						
2	.5968998	.1930359	3.09	0.004	.2073206	.9864791
3	.1000301	.4051934	0.25	0.806	-.7160571	.9161173
alcohol_2012						
2	-.1285493	.2480551	-0.52	0.607	-.6281688	.3710702
3	-.4862288	.4032201	-1.21	0.234	-1.299127	.3266694
4	.0044272	.4341516	0.01	0.992	-.8705047	.879359
physic_act_2012	-.3975288	.1563855	-2.54	0.015	-.7124906	-.0825669
2.srh_2012	-.3022478	.2330584	-1.30	0.201	-.7716223	.1671267
bmibr_2012						
2	-.3831952	.263861	-1.45	0.153	-.9146261	.1482358
3	-.0941929	.278769	-0.34	0.737	-.6556723	.4672865
cardiometcondbr_2012	.5383948	.2412875	2.23	0.031	.0524443	1.024345
cesd_2012	-.0303157	.0484332	-0.63	0.535	-.1278631	.0672318
hei2015_total_score	-.0105384	.0132283	-0.80	0.430	-.0371805	.0161037

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

```

213 .
214 .
215 .
216 . foreach x of varlist foodinsecurity_totbr hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(NonWhite): stcox `x' AGE2012 SEX NonWhite i.education i.totwealth_2012 i.marital_2
      > etcondbr_2012 cesd_2012 hei2015_total_score
      3.
217 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,689
Number of strata =	47	Population size =	23,804,558
Number of PSUs =	94	Subpop. no. obs =	502
		Subpop. size =	3,360,699
		Average RVI =	0.0079
		Largest FMI =	0.0250
		Complete DF =	47
DF adjustment: Small sample	DF: min	=	43.87
	avg	=	44.99
	max	=	45.11
Model F test: Equal FMI	F( 25, 45.1)	=	20.23
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_totbr	-.2899924	.3483013	-0.83	0.409	-.9914593	.4114744
AGE2012	.1258677	.0185988	6.77	0.000	.0884091	.1633263
SEX	-.2055878	.2354122	-0.87	0.387	-.6797243	.2685487
NonWhite	0	(omitted)				
education						
2	-.4907972	.4700971	-1.04	0.302	-1.437608	.4560138
3	-.227765	.2788598	-0.82	0.418	-.7893843	.3338543
4	-.1145814	.3321748	-0.34	0.732	-.7835769	.5544142
5	.2618022	.3314746	0.79	0.434	-.405895	.9294994
totwealth_2012						
2	-.0810071	.2728089	-0.30	0.768	-.6304353	.4684212
3	.0973513	.8477746	0.11	0.909	-1.610037	1.80474
marital_2012						
2	-.3216771	.3859139	-0.83	0.409	-1.098904	.4555497
3	-.4570562	.4087521	-1.12	0.269	-1.280268	.366156
4	-.7435442	.4095206	-1.82	0.076	-1.568305	.0812167
work_st_2012	.1264577	.3163426	0.40	0.691	-.5106475	.763563
smoking_2012						
2	.5852352	.2020046	2.90	0.006	.1783419	.9921284
3	.2227616	.4147474	0.54	0.594	-.6125338	1.058057
alcohol_2012						
2	-.2667864	.2599565	-1.03	0.310	-.790369	.2567963
3	-.6757314	.3642649	-1.86	0.070	-1.409919	.0584565
4	-.2479186	.4119759	-0.60	0.550	-1.077925	.5820882
physic_act_2012	-.4159529	.1438564	-2.89	0.006	-.7056834	-.1262223
2.srh_2012	-.3111471	.2388515	-1.30	0.199	-.7921874	.1698932
bmibr_2012						
2	-.6055298	.2318365	-2.61	0.012	-1.072453	-.1386067



3	-.3294613	.2573606	-1.28	0.207	-.8478005	.1888779
cardiometcondbr_2012	.4403713	.2227686	1.98	0.054	-.0082875	.8890301
cesd_2012	.0087622	.0506279	0.17	0.863	-.0932012	.1107256
hei2015_total_score	-.0109088	.0125334	-0.87	0.389	-.0361509	.0143333

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

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,689
Number of strata	= 47	Population size	=	23,804,558
Number of PSUs	= 94	Subpop. no. obs	=	502
		Subpop. size	=	3,360,699
		Average RVI	=	0.0113
		Largest FMI	=	0.0285
		Complete DF	=	47
DF adjustment: Small sample		DF: min	=	43.65
		avg	=	44.93
		max	=	45.11
Model F test: Equal FMI		F( 25, 45.1)	=	19.98
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
hurldem	.5870054	.3352659	1.75	0.087	-.0882341	1.262245
AGE2012	.1186572	.020196	5.88	0.000	.0779821	.1593323
SEX	-.2636993	.2358662	-1.12	0.269	-.7387541	.2113556
NonWhite	0	(omitted)				
education						
2	-.3767601	.4602023	-0.82	0.417	-1.303643	.5501223
3	-.0818131	.2430891	-0.34	0.738	-.5713974	.4077712
4	.0427583	.3014179	0.14	0.888	-.564295	.6498115
5	.3273312	.3264533	1.00	0.321	-.3303398	.9850022
totwealth_2012						
2	.0660777	.2807128	0.24	0.815	-.4992734	.6314288
3	.2723027	.85885	0.32	0.753	-1.45739	2.001995
marital_2012						
2	-.4256411	.4097417	-1.04	0.304	-1.250864	.3995816
3	-.4173378	.4336319	-0.96	0.341	-1.290662	.4559861
4	-.7838432	.4165558	-1.88	0.066	-1.622772	.0550853
work_st_2012	.0615715	.3453426	0.18	0.859	-.6339422	.7570853
smoking_2012						
2	.5736026	.202446	2.83	0.007	.165693	.9815121
3	.076096	.4292134	0.18	0.860	-.7883466	.9405387
alcohol_2012						
2	-.2567332	.2685188	-0.96	0.344	-.7975654	.284099
3	-.6065026	.3620529	-1.68	0.101	-1.336336	.1233307
4	-.1071541	.4310511	-0.25	0.805	-.9758176	.7615093
physic_act_2012	-.4077521	.1496602	-2.72	0.009	-.7091685	-.1063357
2.srh_2012	-.3438877	.2546164	-1.35	0.184	-.8566798	.1689044
bmibr_2012						
2	-.5572731	.2448054	-2.28	0.028	-1.050322	-.0642243
3	-.2325377	.2472276	-0.94	0.352	-.7304757	.2654003

cardiometcondbr_2012	.4746552	.2328865	2.04	0.047	.0056252	.9436851
cesd_2012	-.0042934	.0484622	-0.09	0.930	-.1018956	.0933088
hei2015_total_score	-.0132165	.0134737	-0.98	0.332	-.0403523	.0139193

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

Multiple-imputation estimates		Imputations	=	5	
Survey: Cox regression		Number of obs	=	2,689	
Number of strata	=	47	Population size	=	23,804,558
Number of PSUs	=	94	Subpop. no. obs	=	502
			Subpop. size	=	3,360,699
			Average RVI	=	0.0128
			Largest FMI	=	0.0375
			Complete DF	=	47
DF adjustment:	Small sample	DF: min	=	43.04	
		avg	=	44.81	
		max	=	45.12	
Model F test:	Equal FMI	F( 25, 45.1)	=	18.42	
Within VCE type:	Linearized	Prob > F	=	0.0000	

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
expert_dem	1.216376	.2499291	4.87	0.000	.7130157	1.719736
AGE2012	.1112124	.022467	4.95	0.000	.0659624	.1564625
SEX	-.3679477	.2300222	-1.60	0.117	-.8312463	.095351
NonWhite	0	(omitted)				
education						
2	-.2105583	.4060186	-0.52	0.607	-1.028302	.6071853
3	-.077872	.2491022	-0.31	0.756	-.5795747	.4238306
4	-.0225349	.280579	-0.08	0.936	-.5876204	.5425506
5	.2466211	.3352569	0.74	0.466	-.4288947	.9221369
totwealth_2012						
2	.006264	.2726666	0.02	0.982	-.5428823	.5554102
3	.3659157	.8465755	0.43	0.668	-1.339055	2.070886
marital_2012						
2	-.1801981	.4076202	-0.44	0.661	-1.001167	.6407702
3	-.3315406	.4795315	-0.69	0.493	-1.297306	.6342252
4	-.4597405	.4289909	-1.07	0.290	-1.323717	.4042365
work_st_2012	.0594576	.3752422	0.16	0.875	-.6962848	.8152
smoking_2012						
2	.5162011	.1930408	2.67	0.011	.1269086	.9054936
3	.1578543	.36573	0.43	0.668	-.5789612	.8946698
alcohol_2012						
2	-.1604532	.2472768	-0.65	0.520	-.6585412	.3376348
3	-.3864559	.3702018	-1.04	0.302	-1.132791	.3598795
4	-.0403426	.4541188	-0.09	0.930	-.9554149	.8747297
physic_act_2012	-.5191838	.1382983	-3.75	0.000	-.7977318	-.2406358
2.srh_2012	-.3436918	.2409448	-1.43	0.161	-.8289466	.1415631
bmibr_2012						
2	-.5984575	.2199936	-2.72	0.009	-1.041579	-.1553364
3	-.2656261	.2492158	-1.07	0.292	-.7676646	.2364125

cardiometcondbr_2012	.4101363	.2138241	1.92	0.061	-.0205249	.8407976
cesd_2012	-.0356346	.047047	-0.76	0.453	-.1303863	.0591171
hei2015_total_score	-.0079995	.0135534	-0.59	0.558	-.035296	.019297

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

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,689
Number of strata	=	47		
Number of PSUs	=	94		
		Population size	=	23,804,558
		Subpop. no. obs	=	502
		Subpop. size	=	3,360,699
		Average RVI	=	0.0103
		Largest FMI	=	0.0302
		Complete DF	=	47
DF adjustment: Small sample		DF: min	=	43.54
		avg	=	44.87
		max	=	45.11
Model F test: Equal FMI		F( 25, 45.1)	=	14.75
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lasso_dem	.8648618	.3077412	2.81	0.007	.245036	1.484688
AGE2012	.1154562	.0204764	5.64	0.000	.0742162	.1566961
SEX	-.3920155	.2452426	-1.60	0.117	-.8859565	.1019254
NonWhite	0	(omitted)				
education						
2	-.2744558	.439439	-0.62	0.535	-1.159537	.610625
3	-.0503313	.2465864	-0.20	0.839	-.5469695	.4463068
4	.0583611	.3014801	0.19	0.847	-.5488213	.6655434
5	.3493158	.3405637	1.03	0.311	-.3368577	1.035489
totwealth_2012						
2	.0195607	.2939189	0.07	0.947	-.5723861	.6115075
3	.2062354	.8602547	0.24	0.812	-1.526287	1.938758
marital_2012						
2	-.3344753	.4010729	-0.83	0.409	-1.142255	.4733045
3	-.4432224	.4331267	-1.02	0.312	-1.31553	.4290851
4	-.6402084	.4049384	-1.58	0.121	-1.455746	.1753294
work_st_2012	.0929867	.3477341	0.27	0.790	-.6073447	.7933181
smoking_2012						
2	.5769475	.1998857	2.89	0.006	.1740055	.9798896
3	.0595635	.4218532	0.14	0.888	-.7900677	.9091947
alcohol_2012						
2	-.1359673	.2651336	-0.51	0.611	-.669994	.3980594
3	-.5499726	.374229	-1.47	0.149	-1.304407	.2044622
4	-.1010714	.4288394	-0.24	0.815	-.9653365	.7631936
physic_act_2012	-.4081467	.1527488	-2.67	0.010	-.715784	-.1005095
2.srh_2012	-.3397756	.2463155	-1.38	0.175	-.8358514	.1563003
bmibr_2012						
2	-.4181306	.2594748	-1.61	0.114	-.9407178	.1044566
3	-.1154573	.2719202	-0.42	0.673	-.6631234	.4322089
cardiometcondbr_2012	.4660094	.2240101	2.08	0.043	.0148559	.9171628

cesd_2012	-.0130223	.0476234	-0.27	0.786	-.1089358	.0828912
hei2015_total_score	-.0133192	.0128604	-1.04	0.306	-.0392199	.0125814

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

```

218 .
219 . *****INTERACTION BY SEX*****
220 .
221 . ***MODEL 1***
222 . foreach x of varlist foodinsecurity_tot ln_hurd_odds lnexpert_odds lnlasso_odds {
      2. mi estimate: svy, subpop(sample_final): stcox c.`x'##c.SEX AGE2012 SEX NonWhite
      3.
223 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata =	52	Population size =	25,654,297
Number of PSUs =	104	Subpop. no. obs =	2,886
		Subpop. size =	25,646,113
		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)	=	79.14
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_tot	.0616553	.1205551	0.51	0.611	-.1804736	.3037842
SEX	-.2355625	.076573	-3.08	0.003	-.3893556	-.0817694
c.foodinsecurity_tot#c.SEX	-.0178208	.0745923	-0.24	0.812	-.1676358	.1319942
AGE2012	.1096454	.0057913	18.93	0.000	.0980138	.121277
SEX	0	(omitted)				
NonWhite	-.243178	.0977583	-2.49	0.016	-.4395207	-.0468353

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata =	52	Population size =	25,654,297
Number of PSUs =	104	Subpop. no. obs =	2,886
		Subpop. size =	25,646,113
		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)	=	109.84
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnhurd_odds	.2711424	.0385726	7.03	0.000	.1936711	.3486136
SEX	-.5201991	.0745818	-6.97	0.000	-.6699931	-.3704052
c.lnhurd_odds#c.SEX	-.0868986	.024271	-3.58	0.001	-.1356458	-.0381515
AGE2012	.0798347	.0060595	13.18	0.000	.0676645	.0920049
SEX	0 (omitted)					
NonWhite	-.3652592	.0997606	-3.66	0.001	-.5656235	-.164895

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,887
Number of strata	= 52	Population size	=	25,654,297
Number of PSUs	= 104	Subpop. no. obs	=	2,886
		Subpop. size	=	25,646,113
		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)	=	97.41
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnexpert_odds	.3235574	.0499397	6.48	0.000	.223256	.4238587
SEX	-.496724	.0786524	-6.32	0.000	-.6546934	-.3387546
c.lnexpert_odds#c.SEX	-.0816879	.0260635	-3.13	0.003	-.1340352	-.0293407
AGE2012	.0679507	.0071989	9.44	0.000	.0534921	.0824093
SEX	0 (omitted)					
NonWhite	-.461575	.1107572	-4.17	0.000	-.6840255	-.2391246

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,887
Number of strata	= 52	Population size	=	25,654,297
Number of PSUs	= 104	Subpop. no. obs	=	2,886
		Subpop. size	=	25,646,113
		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)	=	103.02
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnlasso_odds	.3688228	.0482583	7.64	0.000	.2718984	.4657472
SEX	-.5280868	.0818741	-6.45	0.000	-.6925269	-.3636467
c.lnlasso_odds#c.SEX	-.0868142	.0282708	-3.07	0.003	-.1435947	-.0300337
AGE2012	.0716148	.0064406	11.12	0.000	.0586793	.0845504
SEX	0 (omitted)					
NonWhite	-.4142039	.1014941	-4.08	0.000	-.6180497	-.2103581

```

224 .
225 . foreach x of varlist foodinsecurity_totbr hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(sample_final): stcox c.`x'##c.SEX AGE2012 SEX NonWhite
      3.
226 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata =	52	Population size =	25,654,297
Number of PSUs =	104	Subpop. no. obs =	2,886
		Subpop. size =	25,646,113
		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)	=	75.96
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_totbr	-.1766416	.4625845	-0.38	0.704	-1.10572	.7524366
SEX	-.245632	.075752	-3.24	0.002	-.3977761	-.0934879
c.foodinsecurity_totbr#c.SEX	.1007721	.2814884	0.36	0.722	-.4645836	.6661278
AGE2012	.109083	.0058656	18.60	0.000	.0973021	.1208638
SEX	0 (omitted)					
NonWhite	-.2221441	.0967816	-2.30	0.026	-.4165252	-.0277631

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata =	52	Population size =	25,654,297
Number of PSUs =	104	Subpop. no. obs =	2,886
		Subpop. size =	25,646,113
		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)	=	105.20
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
hurld_dem	.9192297	.384584	2.39	0.021	.1468116	1.691648
SEX	-.2364295	.0733658	-3.22	0.002	-.3837811	-.0890779
c.hurld_dem#c.SEX	-.1014321	.2157047	-0.47	0.640	-.5346644	.3318003
AGE2012	.0904419	.0066853	13.53	0.000	.0770149	.103869
SEX	0 (omitted)					
NonWhite	-.2968833	.1033212	-2.87	0.006	-.5043988	-.0893678

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata =	52	Population size =	25,654,297
Number of PSUs =	104	Subpop. no. obs =	2,886
		Subpop. size =	25,646,113
		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)	=	111.50
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
expert_dem	1.336796	.2948678	4.53	0.000	.744569	1.929024
SEX	-.2132576	.0824288	-2.59	0.013	-.3788117	-.0477035
c.expert_dem#c.SEX	-.2579246	.1745499	-1.48	0.146	-.6084994	.0926502
AGE2012	.0900724	.0065492	13.75	0.000	.0769187	.1032261
SEX	0 (omitted)					
NonWhite	-.2903005	.1035712	-2.80	0.007	-.4983181	-.0822828

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata =	52	Population size =	25,654,297
Number of PSUs =	104	Subpop. no. obs =	2,886
		Subpop. size =	25,646,113
		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)	=	91.65
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lasso_dem	<b>1.506143</b>	<b>.2709578</b>	<b>5.56</b>	<b>0.000</b>	<b>.9619372</b>	<b>2.050348</b>
SEX	<b>-.212423</b>	<b>.0787791</b>	<b>-2.70</b>	<b>0.010</b>	<b>-.3706469</b>	<b>-.0541991</b>
c.lasso_dem#c.SEX	<b>-.3991103</b>	<b>.1552718</b>	<b>-2.57</b>	<b>0.013</b>	<b>-.7109661</b>	<b>-.0872546</b>
AGE2012	<b>.090863</b>	<b>.006433</b>	<b>14.12</b>	<b>0.000</b>	<b>.0779426</b>	<b>.1037834</b>
SEX	<b>0</b>	(omitted)				
NonWhite	<b>-.3613609</b>	<b>.0988716</b>	<b>-3.65</b>	<b>0.001</b>	<b>-.5599396</b>	<b>-.1627822</b>

227 .

228 .

229 .

230 . \*\*\*MODEL 2\*\*\*\*

231 . foreach x of varlist foodinsecurity\_tot lnurd\_odds lnexpert\_odds lnlasso\_odds {

2. mi estimate: svy, subpop(sample\_final): stcox c.`x'##c.SEX AGE2012 SEX NonWhite i.education i.totwealth\_2012  
 > \_2012 cardiometcondbr\_2012 cesd\_2012 hei2015\_total\_score

3.

232 . }

Multiple-imputation estimates

Survey: Cox regression

Imputations

= 5

Number of obs

= 2,805

Number of strata = 52

Number of PSUs = 104

Population size = 24,815,788

Subpop. no. obs = 2,804

Subpop. size = 24,807,604

Average RVI = .

Largest FMI = .

Complete DF = 52

DF adjustment: Small sample

DF: min = 0.00

avg = .

max = .

Model F test: Equal FMI

F( 28, 50.0) = 80.22

Within VCE type: Linearized

Prob &gt; F = 0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_tot	<b>-.0352641</b>	<b>.1269748</b>	<b>-0.28</b>	<b>0.782</b>	<b>-.2902895</b>	<b>.2197612</b>
SEX	<b>-.3146131</b>	<b>.0937618</b>	<b>-3.36</b>	<b>0.002</b>	<b>-.5029437</b>	<b>-.1262826</b>
c.foodinsecurity_tot#c.SEX	<b>-.0178343</b>	<b>.075865</b>	<b>-0.24</b>	<b>0.815</b>	<b>-.1702067</b>	<b>.1345381</b>
AGE2012	<b>.1081513</b>	<b>.0071106</b>	<b>15.21</b>	<b>0.000</b>	<b>.0938698</b>	<b>.1224328</b>
SEX	<b>0</b>	(omitted)				
NonWhite	<b>-.420377</b>	<b>.1167322</b>	<b>-3.60</b>	<b>0.001</b>	<b>-.6548315</b>	<b>-.1859224</b>
education						
2	<b>.2437091</b>	<b>.1877859</b>	<b>1.30</b>	<b>0.200</b>	<b>-.1334682</b>	<b>.6208864</b>
3	<b>.0465896</b>	<b>.1096345</b>	<b>0.42</b>	<b>0.673</b>	<b>-.1736201</b>	<b>.2667993</b>
4	<b>.1178244</b>	<b>.1317147</b>	<b>0.89</b>	<b>0.375</b>	<b>-.1467356</b>	<b>.3823845</b>
5	<b>-.0382692</b>	<b>.1442646</b>	<b>-0.27</b>	<b>0.792</b>	<b>-.3280384</b>	<b>.2515001</b>
totwealth_2012						
2	<b>.0786523</b>	<b>.0824965</b>	<b>0.95</b>	<b>0.345</b>	<b>-.0870544</b>	<b>.244359</b>
3	<b>-.618769</b>	<b>.2640837</b>	<b>-2.34</b>	<b>0.023</b>	<b>-1.149175</b>	<b>-.0883626</b>
4	<b>-.8595187</b>	<b>.7799196</b>	<b>-1.10</b>	<b>0.276</b>	<b>-2.425958</b>	<b>.7069202</b>
5	<b>-40.93018</b>	<b>.</b>	<b>.</b>	<b>.</b>	<b>.</b>	<b>.</b>
marital_2012						



2	-.1980375	.1953946	-1.01	0.316	-.5904872	.1944122
3	-.1223222	.2231066	-0.55	0.586	-.5704236	.3257791
4	-.1214659	.1743703	-0.70	0.489	-.4716858	.228754
work_st_2012	.0096784	.1113777	0.09	0.931	-.214023	.2333797
smoking_2012						
2	.2689853	.0924577	2.91	0.005	.0832635	.4547071
3	.8967474	.180084	4.98	0.000	.5349914	1.258503
alcohol_2012						
2	-.0767528	.1268723	-0.60	0.548	-.3315886	.1780829
3	-.3125082	.1133963	-2.76	0.009	-.5412035	-.0838129
4	-.2194475	.1228135	-1.79	0.081	-.466919	.028024
physic_act_2012	-.2393137	.049551	-4.83	0.000	-.3388392	-.1397881
2.srh_2012	.4761745	.0954792	4.99	0.000	.2844075	.6679415
bmibr_2012						
2	-.2454888	.0715122	-3.43	0.001	-.3891435	-.1018341
3	-.1607263	.1182052	-1.36	0.180	-.3981388	.0766861
cardiomctcondbr_2012	.3780379	.063681	5.94	0.000	.2501353	.5059406
cesd_2012	.0499022	.0235135	2.12	0.039	.002675	.0971293
hei2015_total_score	-.0074913	.0038436	-1.95	0.057	-.0152112	.0002285

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,805
Number of strata =	52	Population size	= 24,815,788
Number of PSUs =	104	Subpop. no. obs	= 2,804
		Subpop. size	= 24,807,604
		Average RVI	= .
		Largest FMI	= .
DF adjustment: Small sample	Complete DF	=	52
	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F( 28, 50.0)	=	86.53
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnhurd_odds	.2229674	.0617224	3.61	0.001	.0989973	.3469376
SEX	-.49432	.1384081	-3.57	0.001	-.7723162	-.2163238
c.lnhurd_odds#c.SEX	-.0689066	.0344009	-2.00	0.051	-.1380016	.0001885
AGE2012	.0884608	.0075334	11.74	0.000	.0733301	.1035914
SEX	0	(omitted)				
NonWhite	-.4907489	.1264771	-3.88	0.000	-.7447769	-.2367209
education						
2	.3107175	.169947	1.83	0.073	-.0306386	.6520736
3	.1428403	.105249	1.36	0.181	-.0685607	.3542412
4	.2053318	.1234293	1.66	0.102	-.0425923	.453256
5	.137877	.1446608	0.95	0.345	-.1526864	.4284404
totwealth_2012						
2	.1325465	.0742453	1.79	0.080	-.0165925	.2816855
3	-.4893554	.2529646	-1.93	0.059	-.9974306	.0187198

4	-.7495566	.7894061	-0.95	0.347	-2.335052	.8359386
5	-.39.06001	.	.	.	.	.
marital_2012						
2	-.2498719	.1991765	-1.25	0.215	-.6499178	.1501739
3	-.1705185	.2312555	-0.74	0.464	-.6349871	.2939501
4	-.1260765	.1889245	-0.67	0.508	-.5055261	.253373
work_st_2012	.0611488	.1099797	0.56	0.581	-.1597438	.2820414
smoking_2012						
2	.2602818	.0929922	2.80	0.007	.0734797	.4470838
3	.875677	.1708053	5.13	0.000	.5325524	1.218802
alcohol_2012						
2	-.0053379	.1287823	-0.04	0.967	-.264006	.2533301
3	-.285488	.1153717	-2.47	0.017	-.518291	-.052685
4	-.2137383	.1108367	-1.93	0.060	-.4372234	.0097468
physic_act_2012	-.1943903	.0515234	-3.77	0.000	-.2978791	-.0909015
2.srh_2012	.4289155	.0986912	4.35	0.000	.2306975	.6271334
bmibr_2012						
2	-.2038862	.0731917	-2.79	0.008	-.3509088	-.0568636
3	-.0830725	.12131	-0.68	0.497	-.3267206	.1605756
cardiometcondbr_2012	.3565609	.0595003	5.99	0.000	.2370544	.4760674
cesd_2012	.0258194	.0244402	1.06	0.296	-.0232698	.0749086
hei2015_total_score	-.0069939	.0037082	-1.89	0.065	-.014442	.0004541

Multiple-imputation estimates  
Survey: Cox regression

Imputations = 5  
Number of obs = 2,805

Number of strata = 52  
Number of PSUs = 104

Population size = 24,815,788  
Subpop. no. obs = 2,804  
Subpop. size = 24,807,604  
Average RVI = .  
Largest FMI = .  
Complete DF = 52  
DF: min = 0.00  
avg = .  
max = .

DF adjustment: Small sample

Model F test: Equal FMI  
Within VCE type: Linearized

F( 28, 50.0) = 63.28  
Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnexpert_odds	.2158333	.0584136	3.69	0.001	.0985022	.3331643
SEX	-.4011808	.131993	-3.04	0.004	-.6663162	-.1360453
c.lnexpert_odds#c.SEX	-.0456632	.0308663	-1.48	0.145	-.1076641	.0163377
AGE2012	.084856	.0085212	9.96	0.000	.0677415	.1019705
SEX 0 (omitted)						
NonWhite	-.4697708	.1242229	-3.78	0.000	-.7192707	-.220271
education						
2	.420026	.170014	2.47	0.017	.0785251	.7615268
3	.2085447	.113702	1.83	0.073	-.0198365	.4369259
4	.2880527	.1266048	2.28	0.027	.0337561	.5423493
5	.221206	.1465116	1.51	0.137	-.0730669	.515479

totwealth_2012						
2	.1573865	.0743752	2.12	0.039	.0079763	.3067967
3	-.4658086	.2573853	-1.81	0.076	-.9827694	.0511521
4	-.6958857	.7980423	-0.87	0.387	-2.298733	.9069618
5	-48.88859	.	.	.	.	.
marital_2012						
2	-.1855643	.207399	-0.89	0.375	-.602123	.2309945
3	-.1150547	.2447282	-0.47	0.640	-.6065828	.3764735
4	-.0964905	.1954132	-0.49	0.624	-.4889721	.295991
work_st_2012	.0638256	.1052331	0.61	0.547	-.1475328	.275184
smoking_2012						
2	.2275635	.0936087	2.43	0.019	.0395206	.4156064
3	.8274317	.1746373	4.74	0.000	.4766098	1.178254
alcohol_2012						
2	.0204346	.1296677	0.16	0.875	-.2400447	.2809139
3	-.248113	.1230497	-2.02	0.051	-.4972757	.0010496
4	-.1491061	.113711	-1.31	0.197	-.3787053	.0804931
physic_act_2012	-.1866733	.0523709	-3.56	0.001	-.2918653	-.0814813
2.srh_2012	.4377509	.1006934	4.35	0.000	.2355112	.6399907
bmibr_2012						
2	-.2149494	.0741228	-2.90	0.006	-.3638362	-.0660627
3	-.0856672	.1222124	-0.70	0.487	-.3311273	.1597928
cardiometcondbr_2012	.3208546	.0589816	5.44	0.000	.2023888	.4393203
cesd_2012	.023437	.0248967	0.94	0.351	-.0265685	.0734424
hei2015_total_score	-.0071196	.0037219	-1.91	0.061	-.0145952	.0003559

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,805
Number of strata = 52	Population size	=	24,815,788
Number of PSUs = 104	Subpop. no. obs	=	2,804
	Subpop. size	=	24,807,604
	Average RVI	=	19.8180
	Largest FMI	=	0.9975
	Complete DF	=	52
DF adjustment: Small sample	DF: min	=	0.29
	avg	=	47.55
	max	=	50.10
Model F test: Equal FMI	F( 29, 60.6)	=	31.42
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnlasso_odds	.2773844	.0669841	4.14	0.000	.1428347	.4119341
SEX	-.4523886	.1435114	-3.15	0.003	-.7406563	-.1641208
c.lnlasso_odds#c.SEX	-.0546989	.0382383	-1.43	0.159	-.1315086	.0221108
AGE2012	.085846	.0080367	10.68	0.000	.0697046	.1019873
SEX	0 (omitted)					
NonWhite	-.4455066	.1163834	-3.83	0.000	-.679262	-.2117511
education						

2	.4403854	.1670792	2.64	0.011	.1047788	.7759921
3	.2126277	.1148533	1.85	0.070	-.0180644	.4433198
4	.2981295	.127568	2.34	0.023	.0419019	.5543571
5	.2132036	.1514306	1.41	0.165	-.0909464	.5173536
totwealth_2012						
2	.1576541	.0725549	2.17	0.035	.0119046	.3034036
3	-.4757402	.252656	-1.88	0.066	-.9831995	.0317192
4	-.733663	.7918838	-0.93	0.359	-2.324138	.8568121
5	-36.03423	6.542334	-5.51	0.429	-59701.05	59628.98
marital_2012						
2	-.2403958	.2043518	-1.18	0.245	-.650835	.1700433
3	-.1585262	.2402143	-0.66	0.512	-.6409887	.3239363
4	-.1355048	.196359	-0.69	0.493	-.5298857	.2588761
work_st_2012						
	.0551946	.1046909	0.53	0.600	-.1550758	.265465
smoking_2012						
2	.2488251	.0948321	2.62	0.012	.0583242	.4393261
3	.8371715	.1732327	4.83	0.000	.4891686	1.185174
alcohol_2012						
2	.0309731	.1278966	0.24	0.810	-.2259433	.2878895
3	-.2343853	.1257872	-1.86	0.070	-.4890435	.0202728
4	-.1145923	.1100544	-1.04	0.304	-.3367761	.1075915
physic_act_2012						
2.srh_2012	-.185048	.0531233	-3.48	0.001	-.2917521	-.0783439
	.4508553	.0976506	4.62	0.000	.254727	.6469836
bmibr_2012						
2	-.1721668	.073321	-2.35	0.023	-.3194398	-.0248938
3	-.0090033	.1240195	-0.07	0.942	-.2580929	.2400862
cardiometcondbr_2012						
	.334732	.0600816	5.57	0.000	.2140581	.4554059
cesd_2012						
	.0225797	.0249674	0.90	0.370	-.0275679	.0727274
hei2015_total_score						
	-.0059887	.0037776	-1.59	0.119	-.0135761	.0015986

```

233 .
234 .
235 . foreach x of varlist foodinsecurity_totbr hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(sample_final): stcox c.`x'##c.SEX AGE2012 SEX NonWhite i.education i.totwealth_2012
      > _2012 cardiometcondbr_2012 cesd_2012 hei2015_total_score
      3.
236 . }

```

Multiple-imputation estimates	Imputations	=	5		
Survey: Cox regression	Number of obs	=	2,805		
Number of strata	=	52	Population size	=	24,815,788
Number of PSUs	=	104	Subpop. no. obs	=	2,804
			Subpop. size	=	24,807,604
			Average RVI	=	.
			Largest FMI	=	.
			Complete DF	=	52
DF adjustment: Small sample	DF: min	=	0.00		
	avg	=	.		
	max	=	.		
Model F test: Equal FMI	F( 28, 50.0)	=	76.84		
Within VCE type: Linearized	Prob > F	=	0.0000		

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_totbr	-.5925969	.5285213	-1.12	0.268	-1.654113	.4689194
SEX	-.3295637	.0885633	-3.72	0.001	-.5074545	-.151673
c.foodinsecurity_totbr#c.SEX	.0984065	.3027061	0.33	0.746	-.5095671	.7063801
AGE2012	.1080788	.0071807	15.05	0.000	.0936564	.1225011
SEX	0 (omitted)					
NonWhite	-.412712	.1160953	-3.55	0.001	-.6458871	-.1795369
education						
2	.2226446	.1871861	1.19	0.240	-.1533307	.5986199
3	.029647	.1103814	0.27	0.789	-.1920661	.2513601
4	.0977048	.1337444	0.73	0.468	-.1709339	.3663436
5	-.0575409	.1414596	-0.41	0.686	-.3416793	.2265974
totwealth_2012						
2	.0619653	.081306	0.76	0.450	-.1013524	.225283
3	-.6397321	.2661601	-2.40	0.020	-1.174309	-.105155
4	-.8790661	.7854162	-1.12	0.268	-2.456546	.6984135
5	-42.55076	.	.	.	.	.
marital_2012						
2	-.1873535	.1935816	-0.97	0.338	-.5761618	.2014547
3	-.1214872	.2190196	-0.55	0.582	-.5613797	.3184054
4	-.1176293	.1695103	-0.69	0.491	-.4580884	.2228298
work_st_2012	.0159138	.1124384	0.14	0.888	-.2099175	.2417451
smoking_2012						
2	.2723454	.0923314	2.95	0.005	.0868777	.457813
3	.9225798	.1794432	5.14	0.000	.5621076	1.283052
alcohol_2012						
2	-.0759677	.1271009	-0.60	0.553	-.3312635	.1793281
3	-.3174094	.1138104	-2.79	0.008	-.5470265	-.0877923
4	-.2297172	.1221563	-1.88	0.067	-.4759122	.0164777
physic_act_2012	-.2399156	.050293	-4.77	0.000	-.3409322	-.1388991
2.srh_2012	.4762004	.0958491	4.97	0.000	.2836903	.6687106
bmibr_2012						
2	-.2447878	.0734007	-3.33	0.002	-.3922362	-.0973393
3	-.1666143	.1198286	-1.39	0.171	-.4072869	.0740583
cardiometcondbr_2012	.380029	.0646527	5.88	0.000	.2501748	.5098833
cesd_2012	.0581084	.0227331	2.56	0.014	.0124487	.1037681
hei2015_total_score	-.0074567	.0038901	-1.92	0.061	-.0152701	.0003566

Multiple-imputation estimates  
Survey: Cox regression

Imputations = 5  
Number of obs = 2,805

Number of strata =	52	Population size =	24,815,788
Number of PSUs =	104	Subpop. no. obs =	2,804
		Subpop. size =	24,807,604
		Average RVI =	55.0172
		Largest FMI =	0.9991
		Complete DF =	52
DF adjustment: Small sample		DF: min =	0.12
		avg =	47.73
		max =	50.10
Model F test: Equal FMI		F( 29, 1954.4) =	16.05
Within VCE type: Linearized		Prob > F =	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
hurddem	.522658	.4324917	1.21	0.233	-.3460274	1.391343
SEX	-.2920446	.0746492	-3.91	0.000	-.4419877	-.1421014
c.hurddem#c.SEX	-.025994	.2403522	-0.11	0.914	-.508754	.4567661
AGE2012	.1001885	.0076691	13.06	0.000	.0847853	.1155917
SEX	0 (omitted)					
NonWhite	-.4212935	.1196818	-3.52	0.001	-.6616733	-.1809137
education						
2	.3406562	.1765459	1.93	0.059	-.0139503	.6952627
3	.1460908	.1106419	1.32	0.193	-.0761397	.3683213
4	.2000723	.1230155	1.63	0.110	-.0470129	.4471576
5	.0680782	.1507302	0.45	0.653	-.2346682	.3708246
totwealth_2012						
2	.1285793	.078677	1.63	0.109	-.0294668	.2866254
3	-.5450989	.2610336	-2.09	0.042	-1.069384	-.0208136
4	-.808683	.7756164	-1.04	0.302	-2.366482	.7491159
5	-38.53645	10.02225	-3.85	0.700	-2.84e+11	2.84e+11
marital_2012						
2	-.209618	.2036202	-1.03	0.308	-.6185863	.1993504
3	-.1023051	.228511	-0.45	0.656	-.5612607	.3566505
4	-.1237686	.184377	-0.67	0.505	-.4940844	.2465473
work_st_2012	-.0146548	.1125822	-0.13	0.897	-.2407771	.2114675
smoking_2012						
2	.2726597	.09144	2.98	0.004	.0889754	.4563439
3	.8736162	.1714477	5.10	0.000	.5292036	1.218029
alcohol_2012						
2	-.0533416	.1310817	-0.41	0.686	-.3166425	.2099594
3	-.2762195	.1223288	-2.26	0.029	-.5234359	-.0290031
4	-.1822886	.1187589	-1.53	0.132	-.4216308	.0570535
physic_act_2012	-.2038153	.053346	-3.82	0.000	-.310964	-.0966665
2.srh_2012	.4610674	.099358	4.64	0.000	.261509	.6606257
bmibr_2012						
2	-.2378297	.0708379	-3.36	0.002	-.3801239	-.0955355
3	-.0980141	.1183237	-0.83	0.411	-.3356636	.1396354
cardiometcondbr_2012	.3612085	.0619802	5.83	0.000	.2367212	.4856959
cesd_2012	.0338014	.0245795	1.38	0.175	-.0155669	.0831697
hei2015_total_score	-.0077154	.0037107	-2.08	0.043	-.0151685	-.0002624

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,805
Number of strata	= 52	Population size	=	24,815,788
Number of PSUs	= 104	Subpop. no. obs	=	2,804
		Subpop. size	=	24,807,604
		Average RVI	=	.
		Largest FMI	=	.
		Complete DF	=	52
DF adjustment: Small sample		DF: min	=	0.00
		avg	=	.
		max	=	.
Model F test: Equal FMI		F( 28, 50.0)	=	60.81
Within VCE type: Linearized		Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
expert_dem	.8163956	.3018732	2.70	0.009	.209991	1.4228
SEX	-.29028	.0845636	-3.43	0.001	-.4601308	-.1204293
c.expert_dem#c.SEX	-.0684968	.1863245	-0.37	0.715	-.442773	.3057794
AGE2012	.0984815	.0080111	12.29	0.000	.0823914	.1145716
SEX	0 (omitted)					
NonWhite	-.3923011	.1221332	-3.21	0.002	-.6376041	-.146998
education						
2	.3952377	.1813319	2.18	0.034	.0310067	.7594688
3	.1809088	.1112275	1.63	0.110	-.0425052	.4043229
4	.2662103	.118967	2.24	0.030	.0272561	.5051646
5	.1337247	.1423111	0.94	0.352	-.1521094	.4195589
totwealth_2012						
2	.1241586	.078289	1.59	0.119	-.0331224	.2814395
3	-.5329749	.2547844	-2.09	0.042	-1.044716	-.0212339
4	-.8221102	.7966847	-1.03	0.307	-2.422236	.7780153
5	-43.26043	.	.	.	.	.
marital_2012						
2	-.2389544	.1996088	-1.20	0.237	-.6398656	.1619567
3	-.1382373	.231236	-0.60	0.553	-.6026661	.3261915
4	-.1535641	.1801415	-0.85	0.398	-.515373	.2082447
work_st_2012	.0190233	.1077799	0.18	0.861	-.1974509	.2354975
smoking_2012						
2	.2659578	.0947474	2.81	0.007	.0756387	.4562769
3	.8685456	.1713499	5.07	0.000	.5243289	1.212762
alcohol_2012						
2	-.0187899	.1230933	-0.15	0.879	-.266082	.2285021
3	-.2844974	.1265198	-2.25	0.030	-.5406591	-.0283356
4	-.2079529	.1203113	-1.73	0.091	-.4507288	.034823
physic_act_2012	-.2018822	.0549108	-3.68	0.001	-.3121742	-.0915903
2.srh_2012	.4693321	.0995432	4.71	0.000	.2694	.6692642
bmibr_2012						
2	-.227349	.0720853	-3.15	0.003	-.3721502	-.0825479
3	-.1036973	.1215275	-0.85	0.398	-.3477825	.1403878

cardiometcondbr_2012	.3270474	.0625024	5.23	0.000	.2015106	.4525843
cesd_2012	.0326578	.0248484	1.31	0.195	-.0172501	.0825657
hei2015_total_score	-.0076687	.0038465	-1.99	0.052	-.0153945	.0000572

Multiple-imputation estimates		Imputations	=	5	
Survey: Cox regression		Number of obs	=	2,805	
Number of strata	=	52	Population size	=	24,815,788
Number of PSUs	=	104	Subpop. no. obs	=	2,804
			Subpop. size	=	24,807,604
			Average RVI	=	.
			Largest FMI	=	.
			Complete DF	=	52
DF adjustment:	Small sample	DF: min	=	0.00	
		avg	=	.	
		max	=	.	
Model F test:	Equal FMI	F( 28, 50.0)	=	68.66	
Within VCE type:	Linearized	Prob > F	=	0.0000	

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lasso_dem	1.0889	.288744	3.77	0.000	.5088024	1.668997
SEX	-.2695669	.0833195	-3.24	0.002	-.4369215	-.1022122
c.lasso_dem#c.SEX	-.287947	.1804013	-1.60	0.117	-.650351	.0744569
AGE2012	.1002145	.0075656	13.25	0.000	.0850192	.1154098
SEX	0 (omitted)					
NonWhite	-.4300291	.1115713	-3.85	0.000	-.65412	-.2059381
education						
2	.4066477	.1786156	2.28	0.027	.0478809	.7654145
3	.157473	.1165845	1.35	0.183	-.0766995	.3916454
4	.2136032	.1299934	1.64	0.107	-.0474979	.4747042
5	.0977196	.1541241	0.63	0.529	-.2118409	.4072801
totwealth_2012						
2	.1268843	.0764413	1.66	0.103	-.0266817	.2804502
3	-.5528773	.2573343	-2.15	0.037	-1.069738	-.0360168
4	-.8122274	.7750715	-1.05	0.300	-2.368936	.7444815
5	-40.7086	.	.	.	.	.
marital_2012						
2	-.2170524	.2057203	-1.06	0.296	-.6302384	.1961337
3	-.1148191	.2309182	-0.50	0.621	-.5786091	.3489709
4	-.1207693	.1851262	-0.65	0.517	-.4925901	.2510515
work_st_2012	.014749	.108116	0.14	0.892	-.2024013	.2318993
smoking_2012						
2	.266705	.0953713	2.80	0.007	.0751279	.4582821
3	.8693895	.1738429	5.00	0.000	.5201746	1.218604
alcohol_2012						
2	-.027328	.12035	-0.23	0.821	-.2690867	.2144307
3	-.2823565	.1228033	-2.30	0.027	-.5314171	-.0332959
4	-.1590487	.1171379	-1.36	0.182	-.3954478	.0773504
physic_act_2012	-.1950523	.0543084	-3.59	0.001	-.3041379	-.0859667
2.srh_2012	.458541	.0953392	4.81	0.000	.2670546	.6500274



bmibr_2012						
2	-.1868707	.071085	-2.63	0.011	-.3296592	-.0440822
3	-.0619245	.1233213	-0.50	0.618	-.3096108	.1857618
cardiometcondbr_2012	.346588	.0647799	5.35	0.000	.2164763	.4766997
cesd_2012	.0352851	.0248994	1.42	0.163	-.014726	.0852962
hei2015_total_score	-.0079267	.0039024	-2.03	0.048	-.0157646	-.0000887

```

237 .
238 . *****INTERACTION BY RACE*****
239 .
240 .
241 . ***MODEL 1***
242 . foreach x of varlist foodinsecurity_tot lnhrud_odds lnexpert_odds lnlasso_odds {
      2. mi estimate: svy, subpop(sample_final): stcox c.`x'##NonWhite AGE2012 SEX
      3.
243 . }

```

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata = 52	Population size	=	25,654,297
Number of PSUs = 104	Subpop. no. obs	=	2,886
	Subpop. size	=	25,646,113
	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)	=	77.68
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_tot	.0439435	.060416	0.73	0.470	-.077399	.165286
1.NonWhite	-.218097	.1116522	-1.95	0.056	-.442345	.0061511
NonWhite#c.foodinsecurity_tot						
1	-.0370302	.0899533	-0.41	0.682	-.217697	.1436366
AGE2012	.1096447	.0057914	18.93	0.000	.0980129	.1212765
SEX	-.2408298	.0685894	-3.51	0.001	-.3785881	-.1030714

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,887
Number of strata = 52	Population size	=	25,654,297
Number of PSUs = 104	Subpop. no. obs	=	2,886
	Subpop. size	=	25,646,113
	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)	=	87.90
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnhurd_odds	.1070654	.0149957	7.14	0.000	.0769473	.1371835
1.NonWhite	-.2355439	.1183107	-1.99	0.052	-.4731652	.0020774
NonWhite#c.lnhurd_odds						
1	.053842	.030107	1.79	0.080	-.0066265	.1143104
AGE2012	.0836929	.0066152	12.65	0.000	.0704065	.0969792
SEX	-.2869567	.0581098	-4.94	0.000	-.4036675	-.170246

Multiple-imputation estimates                      Imputations                      =                      5  
Survey: Cox regression                      Number of obs                      =                      2,887

Number of strata =                      52                      Population size =                      25,654,297  
Number of PSUs =                      104                      Subpop. no. obs =                      2,886  
   Subpop. size =                      25,646,113  
   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) =                      94.58  
Within VCE type:      Linearized                      Prob > F =                      0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnexpert_odds	.1856619	.0204238	9.09	0.000	.1446417	.2266821
1.NonWhite	-.4692064	.1377186	-3.41	0.001	-.7458073	-.1926054
NonWhite#c.lnexpert_odds						
1	-.0103746	.0464265	-0.22	0.824	-.1036199	.0828707
AGE2012	.0692321	.0074302	9.32	0.000	.054309	.0841553
SEX	-.306394	.0600983	-5.10	0.000	-.4270984	-.1856895

Multiple-imputation estimates                      Imputations                      =                      5  
Survey: Cox regression                      Number of obs                      =                      2,887

Number of strata =                      52                      Population size =                      25,654,297  
Number of PSUs =                      104                      Subpop. no. obs =                      2,886  
   Subpop. size =                      25,646,113  
   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) =                      101.14  
Within VCE type:      Linearized                      Prob > F =                      0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnlasso_odds	.2233834	.0207274	10.78	0.000	.1817534	.2650134
1.NonWhite	-.4171318	.1395434	-2.99	0.004	-.6973978	-.1368659
NonWhite#c.lnlasso_odds						
1	-.0121074	.0606313	-0.20	0.843	-.1338823	.1096675
AGE2012	.0726116	.0066694	10.89	0.000	.0592164	.0860068
SEX	-.3562619	.0622243	-5.73	0.000	-.4812363	-.2312876

```

244 .
245 . foreach x of varlist foodinsecurity_totbr hurd_dem expert_dem lasso_dem {
      2. mi estimate: svy, subpop(sample_final): stcox c.`x'##NonWhite AGE2012 SEX
      3.
246 . }

```

```

Multiple-imputation estimates      Imputations      =      5
Survey: Cox regression            Number of obs     =    2,887

Number of strata =      52          Population size   = 25,654,297
Number of PSUs  =    104          Subpop. no. obs  =    2,886
                                   Subpop. size       = 25,646,113
                                   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)   =    75.99
Within VCE type:  Linearized      Prob > F          =    0.0000

```

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_totbr	.0076308	.2220729	0.03	0.973	-.4383916	.4536532
1.NonWhite	-.2080586	.1080354	-1.93	0.060	-.4250424	.0089251
NonWhite#c.foodinsecurity_totbr						
1	-.0815499	.326884	-0.25	0.804	-.7380803	.5749805
AGE2012	.1090542	.005853	18.63	0.000	.0972988	.1208096
SEX	-.237903	.0682893	-3.48	0.001	-.3750587	-.1007472

```

Multiple-imputation estimates      Imputations      =      5
Survey: Cox regression            Number of obs     =    2,887

Number of strata =      52          Population size   = 25,654,297
Number of PSUs  =    104          Subpop. no. obs  =    2,886
                                   Subpop. size       = 25,646,113
                                   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)   =    80.49
Within VCE type:  Linearized      Prob > F          =    0.0000

```

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
hurldem	.7895071	.1155174	6.83	0.000	.5574959	1.021518
1.NonWhite	-.2103522	.1149806	-1.83	0.073	-.441285	.0205807
NonWhite#c.hurldem						
1	-.2357665	.2632925	-0.90	0.375	-.7645766	.2930436
AGE2012	.0904586	.0066774	13.55	0.000	.0770473	.1038698
SEX	-.2660753	.0697722	-3.81	0.000	-.4062094	-.1259411

Multiple-imputation estimates  
Survey: Cox regression

Imputations = 5  
Number of obs = 2,887

Number of strata = 52  
Number of PSUs = 104

Population size = 25,654,297  
Subpop. no. obs = 2,886  
Subpop. size = 25,646,113  
Average RVI = 0.0000  
Largest FMI = 0.0000  
Complete DF = 52  
DF: min = 50.11  
avg = 50.11  
max = 50.11

DF adjustment: Small sample

Model F test: Equal FMI  
Within VCE type: Linearized

F( 5, 50.1) = 106.28  
Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
expertdem	.9239731	.1077988	8.57	0.000	.7074646	1.140482
1.NonWhite	-.3196073	.1229557	-2.60	0.012	-.5665577	-.072657
NonWhite#c.expertdem						
1	.0545734	.2744562	0.20	0.843	-.4966583	.6058051
AGE2012	.0897503	.0064981	13.81	0.000	.0766991	.1028015
SEX	-.2962459	.0613567	-4.83	0.000	-.4194778	-.173014

Multiple-imputation estimates  
Survey: Cox regression

Imputations = 5  
Number of obs = 2,887

Number of strata = 52  
Number of PSUs = 104

Population size = 25,654,297  
Subpop. no. obs = 2,886  
Subpop. size = 25,646,113  
Average RVI = 0.0000  
Largest FMI = 0.0000  
Complete DF = 52  
DF: min = 50.11  
avg = 50.11  
max = 50.11

DF adjustment: Small sample

Model F test: Equal FMI  
Within VCE type: Linearized

F( 5, 50.1) = 91.74  
Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lasso_dem	.8994965	.1106161	8.13	0.000	.6773296	1.121663
1.NonWhite	-.2600684	.1238767	-2.10	0.041	-.5088687	-.0112681
NonWhite#c.lasso_dem						
1	-.2256621	.2610969	-0.86	0.392	-.7500624	.2987381
AGE2012	.0902637	.0063476	14.22	0.000	.077515	.1030125
SEX	-.3324778	.0620194	-5.36	0.000	-.4570406	-.2079149

```

247 .
248 .
249 .
250 . ***MODEL 2***
251 . foreach x of varlist foodinsecurity_tot lnhrd_odds lnexpert_odds lnlasso_odds {
      2. mi estimate: svy, subpop(sample_final): stcox c.`x'##NonWhite AGE2012 SEX i.education i.totwealth_2012 i.marital_2012
      > cardiomctcondbr_2012 cesd_2012 hei2015_total_score
      3.
252 . }

```

```

Multiple-imputation estimates      Imputations      =      5
Survey: Cox regression            Number of obs    =    2,805

Number of strata =      52          Population size = 24,815,788
Number of PSUs  =    104          Subpop. no. obs  =    2,804
                                   Subpop. size       = 24,807,604
                                   Average RVI          =      .
                                   Largest FMI          =      .
                                   Complete DF          =      52
DF adjustment:  Small sample      DF:      min     =    0.00
                                   avg                  =      .
                                   max                  =      .
Model F test:      Equal FMI      F( 28, 50.0) =    75.42
Within VCE type:  Linearized      Prob > F      =    0.0000

```

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_tot	-.0536564	.0590072	-0.91	0.368	-.1721703	.0648575
1.NonWhite	-.3951907	.1273307	-3.10	0.003	-.6509308	-.1394506
NonWhite#c.foodinsecurity_tot						
1	-.0344808	.1175772	-0.29	0.771	-.2706292	.2016676
AGE2012	.1081232	.0071209	15.18	0.000	.0938211	.1224254
SEX	-.320762	.0889204	-3.61	0.001	-.4993681	-.142156
education						
2	.2359382	.1925135	1.23	0.226	-.1507337	.6226102
3	.0442857	.1157245	0.38	0.704	-.1881542	.2767257
4	.1168001	.1327568	0.88	0.383	-.1498524	.3834525
5	-.0386027	.1467267	-0.26	0.794	-.3333164	.2561111
totwealth_2012						
2	.079125	.0821018	0.96	0.340	-.0857888	.2440388
3	-.6192847	.264971	-2.34	0.023	-1.151473	-.0870961
4	-.8577045	.7800442	-1.10	0.277	-2.424394	.7089846
5	-44.72887	.	.	.	.	.
marital_2012						

2	-.1958858	.1952978	-1.00	0.321	-.5881415	.1963699
3	-.1272427	.2234184	-0.57	0.572	-.5759702	.3214848
4	-.1200107	.1737563	-0.69	0.493	-.4689979	.2289765
work_st_2012	.007577	.1108648	0.07	0.946	-.215094	.2302481
smoking_2012						
2	.2674092	.0929946	2.88	0.006	.0806095	.4542089
3	.8975661	.1816182	4.94	0.000	.5327294	1.262403
alcohol_2012						
2	-.0762156	.1265916	-0.60	0.550	-.330488	.1780568
3	-.3121225	.1133035	-2.75	0.009	-.5406318	-.0836132
4	-.2193714	.1233391	-1.78	0.082	-.4678976	.0291547
physic_act_2012	-.239569	.0496536	-4.82	0.000	-.3393007	-.1398373
2.srh_2012	.4766193	.0957602	4.98	0.000	.284288	.6689506
bmibr_2012						
2	-.244157	.0723087	-3.38	0.001	-.3894106	-.0989034
3	-.1609027	.1190901	-1.35	0.183	-.400092	.0782867
cardiomետcondbr_2012	.3773202	.0641592	5.88	0.000	.2484573	.5061831
cesd_2012	.0490506	.0230557	2.13	0.038	.002743	.0953583
hei2015_total_score	-.0075187	.00383	-1.96	0.055	-.0152113	.0001739

Multiple-imputation estimates  
Survey: Cox regression

Imputations = 5  
Number of obs = 2,805

Number of strata = 52  
Number of PSUs = 104

Population size = 24,815,788  
Subpop. no. obs = 2,804  
Subpop. size = 24,807,604  
Average RVI = .  
Largest FMI = .  
Complete DF = 52  
DF: min = 0.00  
avg = .  
max = .

DF adjustment: Small sample

Model F test: Equal FMI  
Within VCE type: Linearized

F( 28, 50.0) = 77.69  
Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnhurd_odds	.0925164	.0186093	4.97	0.000	.0551399	.1298929
1.NonWhite	-.3080107	.2056469	-1.50	0.140	-.721048	.1050266
NonWhite#c.lnhurd_odds						
1	.0821965	.0665554	1.24	0.223	-.0514773	.2158703
AGE2012	.0914451	.0078357	11.67	0.000	.0757072	.1071831
SEX	-.2984561	.0842606	-3.54	0.001	-.4676999	-.1292123
education						
2	.3258584	.171724	1.90	0.064	-.0190627	.6707795
3	.1560916	.1101521	1.42	0.163	-.0651555	.3773387
4	.217884	.1269748	1.72	0.092	-.0371615	.4729296
5	.1300165	.1466637	0.89	0.380	-.1645729	.424606
totwealth_2012						
2	.1361711	.077671	1.75	0.086	-.0198438	.2921861
3	-.5236054	.2569373	-2.04	0.047	-1.039659	-.0075523

4	-.7674323	.7796042	-0.98	0.330	-2.333239	.7983742
5	-.44.28861	.	.	.	.	.
marital_2012						
2	-.2376316	.2010043	-1.18	0.243	-.6413481	.1660849
3	-.1464251	.2339918	-0.63	0.534	-.6163889	.3235387
4	-.1309691	.1865839	-0.70	0.486	-.5057183	.24378
work_st_2012	.0339408	.1100286	0.31	0.759	-.187051	.2549326
smoking_2012						
2	.2682161	.0921312	2.91	0.005	.0831445	.4532878
3	.8606103	.1741306	4.94	0.000	.5108123	1.210408
alcohol_2012						
2	-.0148143	.1296218	-0.11	0.909	-.2751632	.2455347
3	-.2781344	.1147416	-2.42	0.020	-.509397	-.0468717
4	-.2385793	.1207931	-1.98	0.055	-.4820366	.004878
physic_act_2012	-.1940499	.05109	-3.80	0.000	-.2966665	-.0914334
2.srh_2012	.437982	.0997938	4.39	0.000	.2375495	.6384146
bmibr_2012						
2	-.1988325	.0731673	-2.72	0.009	-.3458067	-.0518583
3	-.0838988	.1197986	-0.70	0.487	-.3245111	.1567136
cardiometcondbr_2012	.3545206	.0604905	5.86	0.000	.2330252	.476016
cesd_2012	.0275478	.0255132	1.08	0.285	-.0236961	.0787917
hei2015_total_score	-.007561	.0037931	-1.99	0.052	-.0151795	.0000576

Multiple-imputation estimates  
Survey: Cox regression

Imputations = 5  
Number of obs = 2,805

Number of strata = 52  
Number of PSUs = 104

Population size = 24,815,788  
Subpop. no. obs = 2,804  
Subpop. size = 24,807,604  
Average RVI = .  
Largest FMI = .  
Complete DF = 52  
DF: min = 0.00  
avg = .  
max = .

DF adjustment: Small sample

Model F test: Equal FMI  
Within VCE type: Linearized

F( 28, 50.0) = 69.01  
Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnexpert_odds	.1336835	.0258432	5.17	0.000	.0817786	.1855884
1.NonWhite	-.3882058	.1718351	-2.26	0.028	-.7333332	-.0430785
NonWhite#c.lnexpert_odds						
1	.048655	.0509626	0.95	0.344	-.0537018	.1510119
AGE2012	.0859783	.0086272	9.97	0.000	.0686508	.1033058
SEX	-.2870854	.0837007	-3.43	0.001	-.4552071	-.1189636
education						
2	.4232569	.1672102	2.53	0.015	.087391	.7591228
3	.2162427	.1137544	1.90	0.063	-.0122378	.4447232
4	.2919584	.1275208	2.29	0.026	.0358259	.5480909
5	.211753	.1476038	1.43	0.158	-.0847139	.5082199

totwealth_2012						
2	.1599315	.0754843	2.12	0.039	.0082994	.3115637
3	-.4843012	.258423	-1.87	0.067	-1.003342	.0347398
4	-.7054973	.7902565	-0.89	0.376	-2.292704	.8817093
5	-46.29103	.	.	.	.	.
marital_2012						
2	-.1729701	.2065119	-0.84	0.406	-.5877469	.2418068
3	-.0926573	.2444159	-0.38	0.706	-.5835575	.3982429
4	-.0932742	.1914078	-0.49	0.628	-.4777113	.2911628
work_st_2012	.0411024	.1090616	0.38	0.708	-.1779464	.2601512
smoking_2012						
2	.233159	.0944303	2.47	0.017	.0434672	.4228508
3	.8138142	.1783638	4.56	0.000	.4555158	1.172113
alcohol_2012						
2	.0246945	.1292068	0.19	0.849	-.2348387	.2842278
3	-.2380635	.1214738	-1.96	0.057	-.4835139	.0073869
4	-.1498606	.1149688	-1.30	0.199	-.3818527	.0821314
physic_act_2012	-.1869522	.0517394	-3.61	0.001	-.2908737	-.0830306
2.srh_2012	.447548	.1011067	4.43	0.000	.2444788	.6506172
bmibr_2012						
2	-.2177559	.0740809	-2.94	0.005	-.3665571	-.0689547
3	-.0874702	.1210784	-0.72	0.473	-.3306525	.1557121
cardiometcondbr_2012	.3251044	.0585969	5.55	0.000	.2074116	.4427972
cesd_2012	.0229639	.0254336	0.90	0.371	-.0281198	.0740475
hei2015_total_score	-.0075213	.0037575	-2.00	0.051	-.0150683	.0000258

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,805
Number of strata = 52	Population size	=	24,815,788
Number of PSUs = 104	Subpop. no. obs	=	2,804
	Subpop. size	=	24,807,604
	Average RVI	=	.
	Largest FMI	=	.
	Complete DF	=	52
DF adjustment: Small sample	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F( 28, 50.0)	=	70.75
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lnlasso_odds	.1816263	.0287979	6.31	0.000	.1237863	.2394662
1.NonWhite	-.334137	.182869	-1.83	0.074	-.7014263	.0331523
NonWhite#c.lnlasso_odds						
1	.0635148	.0774467	0.82	0.416	-.0920339	.2190636
AGE2012	.0870698	.0081237	10.72	0.000	.0707537	.1033859
SEX	-.3297564	.0839002	-3.93	0.000	-.4982775	-.1612352
education						



2	.4537486	.1661347	2.73	0.009	.1200421	.7874551
3	.2276238	.1171835	1.94	0.058	-.007743	.4629906
4	.3119511	.1293147	2.41	0.020	.0522176	.5716846
5	.2099236	.1537059	1.37	0.178	-.0987969	.5186442
totwealth_2012						
2	.1655038	.0752457	2.20	0.033	.0143547	.3166529
3	-.4845113	.2556621	-1.90	0.064	-.9980057	.0289831
4	-.7350695	.7874138	-0.93	0.355	-2.316565	.8464256
5	-39.85304	.	.	.	.	.
marital_2012						
2	-.2399398	.2056668	-1.17	0.249	-.6530201	.1731404
3	-.1541529	.2441905	-0.63	0.531	-.6446012	.3362953
4	-.1518707	.1923113	-0.79	0.433	-.5381223	.2343809
work_st_2012						
	.0413019	.1069617	0.39	0.701	-.1735299	.2561337
smoking_2012						
2	.2524783	.094886	2.66	0.010	.0618708	.4430859
3	.8291466	.1745722	4.75	0.000	.4784627	1.17983
alcohol_2012						
2	.0321879	.127696	0.25	0.802	-.2243104	.2886863
3	-.2261783	.1231713	-1.84	0.074	-.4750336	.0226771
4	-.1199626	.1121065	-1.07	0.291	-.3461612	.106236
physic_act_2012						
2.srh_2012	-.1821276	.0516546	-3.53	0.001	-.2858796	-.0783755
	.4581139	.0978603	4.68	0.000	.2615649	.6546629
bmibr_2012						
2	-.1704332	.0730806	-2.33	0.024	-.3172228	-.0236437
3	-.0065346	.1227347	-0.05	0.958	-.2530433	.2399742
cardiometcondbr_2012						
	.337447	.0599322	5.63	0.000	.217073	.4578209
cesd_2012						
	.0237464	.0251212	0.95	0.349	-.02671	.0742028
hei2015_total_score						
	-.0063846	.0038053	-1.68	0.100	-.0140277	.0012584

253 .

254 .

255 .

256 . foreach x of varlist foodinsecurity\_totbr hurd\_dem expert\_dem lasso\_dem {

2. mi estimate: svy, subpop(sample\_final): stcox c.`x'##NonWhite AGE2012 SEX i.education i.totwealth\_2012 i.m

&gt; cardiometcondbr\_2012 cesd\_2012 hei2015\_total\_score

3.

257 . }

Multiple-imputation estimates

Survey: Cox regression

Imputations

= 5

Number of obs

= 2,805

Number of strata = 52

Number of PSUs = 104

Population size = 24,815,788

Subpop. no. obs = 2,804

Subpop. size = 24,807,604

Average RVI = 25.4200

Largest FMI = 0.9981

Complete DF = 52

DF adjustment: Small sample

DF: min = 0.22

avg = 47.82

max = 50.11

Model F test: Equal FMI

F( 29, 14.3) = 27.02

Within VCE type: Linearized

Prob &gt; F = 0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
foodinsecurity_totbr	-.413826	.2090128	-1.98	0.053	-.8336232	.0059713
1.NonWhite	-.4012577	.1235895	-3.25	0.002	-.6494837	-.1530317
NonWhite#c.foodinsecurity_totbr						
1	-.0765324	.4340332	-0.18	0.861	-.9482684	.7952036
AGE2012	.1080169	.0071419	15.12	0.000	.0936724	.1223613
SEX	-.3224668	.0859972	-3.75	0.000	-.4952031	-.1497306
education						
2	.2201975	.1886087	1.17	0.249	-.1586349	.5990299
3	.0257039	.1143641	0.22	0.823	-.2040069	.2554147
4	.093735	.1330568	0.70	0.484	-.1735219	.3609919
5	-.0598328	.1420182	-0.42	0.675	-.3450923	.2254266
totwealth_2012						
2	.0629417	.0802934	0.78	0.437	-.0983421	.2242255
3	-.6366442	.2674577	-2.38	0.021	-1.173828	-.0994608
4	-.8769686	.7844377	-1.12	0.269	-2.452483	.6985455
5	-36.34684	7.118273	-5.11	0.511	-1172731	1172658
marital_2012						
2	-.1842665	.193169	-0.95	0.345	-.5722464	.2037135
3	-.1161913	.2190114	-0.53	0.598	-.5560675	.3236849
4	-.1143772	.169173	-0.68	0.502	-.4541592	.2254048
work_st_2012	.0138886	.1120327	0.12	0.902	-.2111278	.238905
smoking_2012						
2	.2715308	.0931693	2.91	0.005	.0843803	.4586812
3	.9246318	.1789281	5.17	0.000	.5651935	1.28407
alcohol_2012						
2	-.0758797	.12658	-0.60	0.552	-.3301294	.17837
3	-.317208	.1140187	-2.78	0.008	-.5472402	-.0871758
4	-.2279619	.1226484	-1.86	0.070	-.4751226	.0191988
physic_act_2012	-.2400874	.0502296	-4.78	0.000	-.3409765	-.1391983
2.srh_2012	.4742635	.0954265	4.97	0.000	.2826022	.6659249
bmibr_2012						
2	-.2473497	.0737147	-3.36	0.002	-.3954277	-.0992717
3	-.1681388	.1206802	-1.39	0.170	-.4105215	.0742439
cardiometcondbr_2012	.381892	.0652916	5.85	0.000	.2507547	.5130293
cesd_2012	.0578937	.0227363	2.55	0.014	.0122274	.10356
hei2015_total_score	-.0074582	.0038736	-1.93	0.060	-.0152384	.000322

Multiple-imputation estimates  
Survey: Cox regression

Imputations = 5  
Number of obs = 2,805

Number of strata =	52	Population size =	24,815,788
Number of PSUs =	104	Subpop. no. obs =	2,804
		Subpop. size =	24,807,604
		Average RVI =	.
		Largest FMI =	.
		Complete DF =	52
DF adjustment: Small sample		DF: min =	0.00
		avg =	.
		max =	.
Model F test: Equal FMI		F( 28, 50.0) =	72.66
Within VCE type: Linearized		Prob > F =	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
hurldem	.4674107	.1354443	3.45	0.001	.1953688	.7394525
1.NonWhite	-.4559773	.1411366	-3.23	0.002	-.7394463	-.1725083
NonWhite#c.hurldem						
1	.1108046	.3046649	0.36	0.718	-.501109	.7227182
AGE2012	.1003351	.0075984	13.20	0.000	.0850739	.1155963
SEX	-.3002829	.0922581	-3.25	0.002	-.4855924	-.1149734
education						
2	.3442126	.1741796	1.98	0.054	-.0056409	.6940661
3	.1507294	.10872	1.39	0.172	-.0676402	.369099
4	.204287	.1250235	1.63	0.109	-.046831	.455405
5	.0708853	.1512342	0.47	0.641	-.2328734	.374644
totwealth_2012						
2	.1302157	.0799444	1.63	0.110	-.0303746	.2908061
3	-.5453159	.2600628	-2.10	0.041	-1.06765	-.0229814
4	-.809759	.7743259	-1.05	0.301	-2.364966	.7454479
5	-41.54355	.	.	.	.	.
marital_2012						
2	-.2074524	.2036967	-1.02	0.313	-.6165746	.2016698
3	-.0967428	.228037	-0.42	0.673	-.5547467	.3612611
4	-.1210148	.1853146	-0.65	0.517	-.4932138	.2511841
work_st_2012	-.0162854	.1129098	-0.14	0.886	-.2430654	.2104947
smoking_2012						
2	.2730571	.0913683	2.99	0.004	.0895171	.4565972
3	.8748465	.1734533	5.04	0.000	.5264093	1.223284
alcohol_2012						
2	-.0526873	.1307192	-0.40	0.689	-.3152586	.209884
3	-.2753571	.1208999	-2.28	0.028	-.519627	-.0310871
4	-.1829783	.1196953	-1.53	0.133	-.4241898	.0582331
physic_act_2012	-.2047078	.0519977	-3.94	0.000	-.3091479	-.1002677
2.srh_2012	.4620049	.0981624	4.71	0.000	.2648483	.6591615
bmibr_2012						
2	-.2368792	.0712007	-3.33	0.002	-.3799016	-.0938567
3	-.0971264	.1190691	-0.82	0.419	-.336273	.1420202
cardiometcondbr_2012	.3623403	.0613208	5.91	0.000	.2391772	.4855034
cesd_2012	.0338776	.0246546	1.37	0.176	-.0156415	.0833967
hei2015_total_score	-.0078202	.0037201	-2.10	0.041	-.0152921	-.0003483

Multiple-imputation estimates		Imputations	=	5
Survey: Cox regression		Number of obs	=	2,805
Number of strata	=	52		
Number of PSUs	=	104		
		Population size	=	24,815,788
		Subpop. no. obs	=	2,804
		Subpop. size	=	24,807,604
		Average RVI	=	22.9917
		Largest FMI	=	0.9981
		Complete DF	=	52
DF adjustment: Small sample		DF: min	=	0.23
		avg	=	47.61
		max	=	50.10
Model F test: Equal FMI		F( 29, 1.0)	=	41.76
Within VCE type: Linearized		Prob > F	=	0.1225

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
expert_dem	.6386938	.1101762	5.80	0.000	.4174039	.8599836
1.NonWhite	-.5691971	.1273912	-4.47	0.000	-.8250628	-.3133314
NonWhite#c.expert_dem						
1	.5152771	.2778202	1.85	0.070	-.042727	1.073281
AGE2012	.0989638	.0079401	12.46	0.000	.0830162	.1149113
SEX	-.320344	.0886306	-3.61	0.001	-.4983757	-.1423123
education						
2	.4053357	.1760896	2.30	0.026	.0516346	.7590367
3	.1851978	.1075422	1.72	0.091	-.0308098	.4012055
4	.2650631	.1172327	2.26	0.028	.0295946	.5005316
5	.1290726	.1399846	0.92	0.361	-.152089	.4102343
totwealth_2012						
2	.1238889	.0793252	1.56	0.125	-.0354721	.2832499
3	-.5397889	.2550962	-2.12	0.039	-1.052154	-.027424
4	-.8293029	.7907202	-1.05	0.299	-2.417447	.7588413
5	-45.17633	7.017853	-6.44	0.482	-987464.9	987374.6
marital_2012						
2	-.2003923	.2065362	-0.97	0.337	-.6152173	.2144328
3	-.0999294	.2404334	-0.42	0.679	-.5828311	.3829724
4	-.1136307	.1914809	-0.59	0.556	-.4982148	.2709533
work_st_2012	.0055136	.1114286	0.05	0.961	-.2182907	.2293179
smoking_2012						
2	.2640665	.0953557	2.77	0.008	.0725267	.4556063
3	.884258	.172213	5.13	0.000	.5383003	1.230216
alcohol_2012						
2	-.0132304	.1221778	-0.11	0.914	-.2586685	.2322077
3	-.2761173	.1221864	-2.26	0.030	-.5233597	-.0288748
4	-.2026852	.1193088	-1.70	0.097	-.4433601	.0379898
physic_act_2012	-.2132575	.0538949	-3.96	0.000	-.3215093	-.1050058
2.srh_2012	.4692442	.0980936	4.78	0.000	.2722247	.6662638
bmibr_2012						
2	-.2289596	.0729809	-3.14	0.003	-.3755575	-.0823618
3	-.1045044	.1232442	-0.85	0.401	-.3520366	.1430279

cardiometcondbr_2012	.3296262	.0612385	5.38	0.000	.206628	.4526244
cesd_2012	.0308019	.0249026	1.24	0.222	-.019215	.0808188
hei2015_total_score	-.0077894	.0038502	-2.02	0.048	-.0155228	-.000056

Multiple-imputation estimates	Imputations	=	5
Survey: Cox regression	Number of obs	=	2,805
Number of strata =	52	Population size =	24,815,788
Number of PSUs =	104	Subpop. no. obs =	2,804
		Subpop. size =	24,807,604
		Average RVI =	.
		Largest FMI =	.
		Complete DF =	52
DF adjustment: Small sample	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F( 28, 50.0)	=	68.86
Within VCE type: Linearized	Prob > F	=	0.0000

_t	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
lasso_dem	.5967843	.1115353	5.35	0.000	.3727556	.820813
1.NonWhite	-.5052115	.1564103	-3.23	0.002	-.8193572	-.1910657
NonWhite#c.lasso_dem						
1	.2025748	.2840638	0.71	0.479	-.3679651	.7731147
AGE2012	.1005002	.0075752	13.27	0.000	.0852858	.1157147
SEX	-.3406114	.0851053	-4.00	0.000	-.5115577	-.1696651
education						
2	.410982	.1777781	2.31	0.025	.0538998	.7680641
3	.1735238	.1190703	1.46	0.151	-.0656328	.4126805
4	.2270654	.1314118	1.73	0.090	-.0368811	.491012
5	.1020425	.1543376	0.66	0.512	-.207947	.4120319
totwealth_2012						
2	.1300071	.0770402	1.69	0.098	-.0247569	.2847711
3	-.5565727	.2588164	-2.15	0.036	-1.076406	-.0367393
4	-.8134899	.7735595	-1.05	0.298	-2.36716	.7401801
5	-45.54453	.	.	.	.	.
marital_2012						
2	-.19007	.2056629	-0.92	0.360	-.6031414	.2230014
3	-.0900749	.2346517	-0.38	0.703	-.5613637	.381214
4	-.1057784	.1866034	-0.57	0.573	-.4805661	.2690093
work_st_2012	.0032086	.1112329	0.03	0.977	-.2202027	.22662
smoking_2012						
2	.2788627	.0950873	2.93	0.005	.0878546	.4698707
3	.8750092	.1738686	5.03	0.000	.5257431	1.224275
alcohol_2012						
2	-.0249225	.1222014	-0.20	0.839	-.2703862	.2205413
3	-.2718094	.1201147	-2.26	0.029	-.5147812	-.0288377
4	-.1597745	.1186974	-1.35	0.185	-.3991508	.0796018
physic_act_2012	-.1972625	.0525885	-3.75	0.000	-.3028911	-.0916339
2.srh_2012	.4658611	.0953318	4.89	0.000	.2743902	.657332

bmibr_2012						
2	-.1893422	.0719282	-2.63	0.011	-.333823	-.0448614
3	-.0626047	.1217367	-0.51	0.609	-.3071082	.1818987
cardiometcondbr_2012	.3498938	.0642181	5.45	0.000	.2209112	.4788764
cesd_2012	.035176	.0250407	1.40	0.166	-.0151186	.0854706
hei2015_total_score	-.008221	.0039015	-2.11	0.040	-.0160571	-.000385

```

258 .
259 . save, replace
    file finaldata_imputed_FINAL.dta saved

260 .
261 .
262 . capture log close

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