```
 1 .
 2 .
 3 . **STEP 16: COX PH MODEL OF DEMENTIA STATUS VS. MORTALITY BY foodinsecurity TERTILE****
 4 .
 5 . save, replace
   file C:\Users\baydounm\AppData\Local\Temp\ST_f14_000002.tmp saved as .dta format

 6 .
 7 . capture drop FOOD_SECURE

 8 . gen FOOD_SECURE=.
   (260,292 missing values generated)

 9 . replace FOOD_SECURE=1 if foodinsecurity_totbr==0 & sample_final==1
   (15,666 real changes made)

10 . replace FOOD_SECURE=0 if foodinsecurity_totbr==1 & sample_final==1
   (1,698 real changes made)

11 .
12 .
13 . capture drop FOOD_INSECURE

14 . gen FOOD_INSECURE=.
   (260,292 missing values generated)

15 . replace FOOD_INSECURE=1 if foodinsecurity_totbr==1 & sample_final==1
   (1,698 real changes made)

16 . replace FOOD_INSECURE=0 if foodinsecurity_totbr==0 & sample_final==1
   (15,666 real changes made)

17 .
18 .
19 . **********FOOD SECURE**************************************
20 .
21 . ***MODEL 1****
22 . foreach x of varlist  lnhurd_odds lnexpert_odds lnlasso_odds {
     2. mi estimate: svy, subpop(FOOD_SECURE): stcox `x' AGE2012 SEX NonWhite
     3.
23 . }

   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   =      2,603
                                                Subpop. size      =  23,236,475
                                                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)   =      93.13
   Within VCE type:   Linearized                Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.1072742	.0150619	7.12	0.000	.077023	.1375253
AGE2012	.0861994	.0062407	13.81	0.000	.0736651	.0987336
SEX	-.297006	.0670402	-4.43	0.000	-.4316528	-.1623591
NonWhite	-.2964037	.1075769	-2.76	0.008	-.5124667	-.0803407

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 = 2,603
Subpop. size = 23,236,475
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) = 99.71
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1865122	.0207732	8.98	0.000	.1447902	.2282341
AGE2012	.0701302	.007165	9.79	0.000	.0557397	.0845207
SEX	-.3090434	.069381	-4.45	0.000	-.4483918	-.1696951
NonWhite	-.4334798	.1200427	-3.61	0.001	-.6745796	-.19238

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 = 2,603
Subpop. size = 23,236,475
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) = 114.54
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.220806	.0202513	10.90	0.000	.1801322	.2614798
AGE2012	.0738435	.0063611	11.61	0.000	.0610675	.0866196
SEX	-.3587233	.0701385	-5.11	0.000	-.4995929	-.2178536
NonWhite	-.3745451	.11328	-3.31	0.002	-.6020624	-.1470277

```
24 .
25 . foreach x of varlist  hurd_dem expert_dem lasso_dem {
     2. mi estimate: svy, subpop(FOOD_SECURE): stcox `x' AGE2012 SEX NonWhite
     3.
26 . }
```

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 = **2,603**
Subpop. size = **23,236,475**
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**) = **96.54**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.7852237	.1149845	6.83	0.000	.554283	1.016164
AGE2012	.0913585	.0070206	13.01	0.000	.077258	.1054589
SEX	-.275456	.0762466	-3.61	0.001	-.4285936	-.1223184
NonWhite	-.2668762	.1095394	-2.44	0.018	-.4868807	-.0468717

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 = **2,603**
Subpop. size = **23,236,475**
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**) = **115.42**
Within VCE type: **Linearized** — Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.9441737	.1119129	8.44	0.000	.7194021	1.168945
AGE2012	.0913392	.0064197	14.23	0.000	.0784454	.1042329
SEX	-.2878325	.0703866	-4.09	0.000	-.4292006	-.1464644
NonWhite	-.2523701	.1152763	-2.19	0.033	-.4838969	-.0208434

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   =       2,603
                                              Subpop. size      =  23,236,475
                                              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)   =      115.39
Within VCE type:   Linearized                 Prob > F          =      0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.8709407	.1169323	7.45	0.000	.636088	1.105793
AGE2012	.0916354	.0067413	13.59	0.000	.078096	.1051749
SEX	-.3275169	.0697989	-4.69	0.000	-.4677046	-.1873293
NonWhite	-.3438161	.1106299	-3.11	0.003	-.5660107	-.1216215

```
27 .
28 .
29 . ***MODEL 2****
30 . foreach x of varlist  lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(FOOD_SECURE): stcox `x' AGE2012 SEX NonWhite i.education  i.totwealth_2012 i.marita
> iometcondbr_2012 cesd_2012 hei2015_total_score
  3.
31 . }

Multiple-imputation estimates                 Imputations       =           5
Survey: Cox regression                        Number of obs     =       2,813

Number of strata  =        52                 Population size   =  24,878,829
Number of PSUs    =       104                 Subpop. no. obs   =       2,529
                                              Subpop. size      =  22,461,007
                                              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)   =       64.58
Within VCE type:   Linearized                 Prob > F          =      0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0959907	.0183447	5.23	0.000	.0591457	.1328357
AGE2012	.0929339	.0070381	13.20	0.000	.0787977	.10707
SEX	-.3112656	.0806442	-3.86	0.000	-.4732493	-.1492818
NonWhite	-.4642235	.126859	-3.66	0.001	-.7190168	-.2094302
education						
2	.2276937	.1831482	1.24	0.220	-.1401763	.5955638
3	.0766158	.1244047	0.62	0.541	-.1732646	.3264962
4	.088778	.1309485	0.68	0.501	-.1742539	.3518099
5	.0143877	.1434507	0.10	0.921	-.2737543	.3025297
totwealth_2012						
2	.0705055	.0797735	0.88	0.381	-.0897375	.2307484
3	-.5486907	.2469182	-2.22	0.031	-1.044623	-.0527586
4	-.7730902	.7867766	-0.98	0.331	-2.353305	.8071244

5	-50.25809	.	.	.	.	.
marital_2012						
2	-.1153542	.2270313	-0.51	0.614	-.5713439	.3406356
3	-.0183331	.2625849	-0.07	0.945	-.5457244	.5090582
4	-.0287218	.2011691	-0.14	0.887	-.4327643	.3753207
work_st_2012	.0364684	.1188417	0.31	0.760	-.2022224	.2751593
smoking_2012						
2	.2873492	.093263	3.08	0.003	.1000016	.4746968
3	.944762	.1671963	5.65	0.000	.6088531	1.280671
alcohol_2012						
2	-.023074	.1288838	-0.18	0.859	-.2819553	.2358073
3	-.2747464	.1103185	-2.49	0.017	-.4978283	-.0516644
4	-.2340872	.1249498	-1.87	0.068	-.4859773	.0178029
physic_act_2012	-.2005225	.0545378	-3.68	0.001	-.3100666	-.0909783
2.srh_2012	.4468109	.1036882	4.31	0.000	.2385547	.6550671
bmibr_2012						
2	-.1691906	.0834767	-2.03	0.048	-.3368696	-.0015117
3	-.1256574	.1312634	-0.96	0.343	-.3892959	.1379811
cardiometcondbr_2012	.3442246	.071212	4.83	0.000	.201196	.4872531
cesd_2012	.0660281	.0280508	2.35	0.023	.0096876	.1223686
hei2015_total_score	-.0064958	.0039274	-1.65	0.104	-.014384	.0013925

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 2,813

Number of strata = 52 — Population size = 24,878,829
Number of PSUs = 104 — Subpop. no. obs = 2,529
Subpop. size = 22,461,007
Average RVI = .
Largest FMI = .
Complete DF = 52
DF adjustment: Small sample — DF: min = 0.00
avg = .
max = .
Model F test: Equal FMI — F(27, 49.9) = 48.33
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1395867	.0250246	5.58	0.000	.0893258	.1898475
AGE2012	.0867	.0080451	10.78	0.000	.0705414	.1028585
SEX	-.2892307	.0818004	-3.54	0.001	-.4535405	-.1249209
NonWhite	-.4647489	.1283793	-3.62	0.001	-.7225957	-.2069021
education						
2	.3522825	.1761677	2.00	0.051	-.0015743	.7061393
3	.1556156	.1300363	1.20	0.237	-.1055729	.4168042
4	.1922731	.1336521	1.44	0.156	-.0761771	.4607232
5	.1190693	.1497838	0.79	0.430	-.1817799	.4199184
totwealth_2012						
2	.1060023	.0803738	1.32	0.193	-.0554554	.26746
3	-.5006801	.2508169	-2.00	0.051	-1.004448	.0030879
4	-.7079569	.7993578	-0.89	0.380	-2.313446	.8975324

5	-46.07101	.	.	.	.	.
marital_2012						
2	-.0661045	.2377456	-0.28	0.782	-.5436128	.4114038
3	.0339411	.2760807	0.12	0.903	-.5205565	.5884386
4	-.0088107	.2119511	-0.04	0.967	-.4345079	.4168865
work_st_2012	.0504675	.1171222	0.43	0.668	-.1847689	.2857039
smoking_2012						
2	.2488614	.0969709	2.57	0.013	.0540653	.4436575
3	.8831566	.1716659	5.14	0.000	.5382763	1.228037
alcohol_2012						
2	.0122903	.1280878	0.10	0.924	-.2450248	.2696055
3	-.2294016	.116765	-1.96	0.058	-.46681	.0080069
4	-.1398091	.1192401	-1.17	0.248	-.3808704	.1012522
physic_act_2012	-.1916101	.0556898	-3.44	0.001	-.3034689	-.0797512
2.srh_2012	.4657527	.1054465	4.42	0.000	.2539656	.6775397
bmibr_2012						
2	-.1851204	.084901	-2.18	0.034	-.3556513	-.0145895
3	-.1266732	.1332907	-0.95	0.346	-.394384	.1410376
cardiometcondbr_2012	.3117965	.0709821	4.39	0.000	.1692295	.4543635
cesd_2012	.0583288	.0280643	2.08	0.043	.0019615	.1146961
hei2015_total_score	-.0064305	.0038996	-1.65	0.105	-.0142629	.0014019

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 2,813

Number of strata = 52 — Population size = 24,878,829
Number of PSUs = 104 — Subpop. no. obs = 2,529
Subpop. size = 22,461,007
Average RVI = .
Largest FMI = .
Complete DF = 52
DF adjustment: Small sample — DF: min = 0.00
avg = .
max = .
Model F test: Equal FMI — F(27, 49.9) = 50.67
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.186238	.0278611	6.68	0.000	.1302791	.2421968
AGE2012	.0877597	.0075915	11.56	0.000	.0725122	.1030071
SEX	-.334135	.0831377	-4.02	0.000	-.5011291	-.167141
NonWhite	-.4366319	.1235699	-3.53	0.001	-.6848196	-.1884442
education						
2	.3585249	.17635	2.03	0.047	.0043011	.7127486
3	.1532454	.1294716	1.18	0.242	-.1068081	.4132989
4	.1978028	.1342428	1.47	0.147	-.0718306	.4674362
5	.1036251	.1512973	0.68	0.497	-.2002616	.4075118
totwealth_2012						
2	.1076603	.0792853	1.36	0.181	-.0516076	.2669282
3	-.5012946	.2468104	-2.03	0.048	-.9970138	-.0055755
4	-.7433475	.7937838	-0.94	0.354	-2.337639	.8509441

5	-39.6213	.	.	.	.	.
marital_2012						
2	-.1284734	.230269	-0.56	0.579	-.5909661	.3340194
3	-.0183203	.2684472	-0.07	0.946	-.5574867	.520846
4	-.0526693	.2051963	-0.26	0.798	-.4648002	.3594616
work_st_2012	.0462604	.1156018	0.40	0.691	-.1859231	.2784438
smoking_2012						
2	.2730792	.0978343	2.79	0.007	.076547	.4696114
3	.9113023	.1727243	5.28	0.000	.5642961	1.258308
alcohol_2012						
2	.0202282	.1266075	0.16	0.874	-.2341149	.2745714
3	-.2165215	.1187573	-1.82	0.077	-.4579585	.0249154
4	-.1073504	.1159944	-0.93	0.360	-.3418468	.127146
physic_act_2012	-.189329	.0565982	-3.35	0.002	-.3030126	-.0756454
2.srh_2012	.4712837	.102595	4.59	0.000	.2652237	.6773438
bmibr_2012						
2	-.1446241	.0823956	-1.76	0.085	-.3101206	.0208724
3	-.0458084	.1355273	-0.34	0.737	-.3180127	.226396
cardiometcondbr_2012	.3244392	.072509	4.47	0.000	.1788064	.470072
cesd_2012	.059498	.0275362	2.16	0.036	.0041915	.1148044
hei2015_total_score	-.0053983	.003925	-1.38	0.175	-.0132817	.0024851

```
32 .
33 .
34 . foreach x of varlist  hurd_dem expert_dem lasso_dem {
     2. mi estimate: svy, subpop(FOOD_SECURE): stcox `x' AGE2012 SEX NonWhite i.education  i.totwealth_2012 i.marita
   > iometcondbr_2012 cesd_2012  hei2015_total_score
     3.
35 . }
```

```
Multiple-imputation estimates                Imputations       =          5
Survey: Cox regression                       Number of obs     =      2,813

Number of strata  =        52                Population size   =  24,878,829
Number of PSUs    =       104                Subpop. no. obs   =      2,529
                                             Subpop. size      =  22,461,007
                                             Average RVI       =          .
                                             Largest FMI       =          .
                                             Complete DF       =         52
DF adjustment:   Small sample                DF:     min       =       0.00
                                                     avg       =          .
                                                     max       =          .
Model F test:       Equal FMI                F(  27,   49.9)   =      62.59
Within VCE type:   Linearized                Prob > F          =     0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.5042402	.1273097	3.96	0.000	.2485362	.7599443
AGE2012	.1003871	.007022	14.30	0.000	.0862835	.1144907
SEX	-.3179231	.0867671	-3.66	0.001	-.4922092	-.143637
NonWhite	-.3949554	.123817	-3.19	0.002	-.6436397	-.146271
education						
2	.2757327	.1886457	1.46	0.150	-.1031772	.6546426
3	.1084469	.1360759	0.80	0.429	-.1648702	.3817641
4	.110599	.1363894	0.81	0.421	-.1633484	.3845465
5	-.011055	.1595428	-0.07	0.945	-.3315028	.3093928
totwealth_2012						
2	.0716871	.0842279	0.85	0.399	-.0975124	.2408865
3	-.5704296	.2515677	-2.27	0.028	-1.075706	-.0651535
4	-.824566	.7792022	-1.06	0.295	-2.38957	.7404381
5	-37.09346	.	.	.	.	.
marital_2012						
2	-.0678141	.2344228	-0.29	0.774	-.5386484	.4030201
3	.0551366	.2669781	0.21	0.837	-.4810784	.5913516
4	.0002008	.2024358	0.00	0.999	-.4063858	.4067874
work_st_2012	-.0219525	.1230055	-0.18	0.859	-.2690076	.2251025
smoking_2012						
2	.2925598	.0935974	3.13	0.003	.1045385	.4805812
3	.9095353	.1718588	5.29	0.000	.5642669	1.254804
alcohol_2012						
2	-.0503266	.1301999	-0.39	0.701	-.3118821	.2112289
3	-.2650345	.1161546	-2.28	0.029	-.5011758	-.0288933
4	-.1652035	.1241322	-1.33	0.190	-.4156997	.0852927
physic_act_2012	-.2175775	.0560386	-3.88	0.000	-.3301376	-.1050174
2.srh_2012	.4697603	.1050101	4.47	0.000	.2588484	.6806723
bmibr_2012						
2	-.1990887	.0830206	-2.40	0.020	-.3658494	-.032328
3	-.1317511	.1326735	-0.99	0.325	-.3982211	.1347188
cardiometcondbr_2012	.3442175	.0705932	4.88	0.000	.2024325	.4860024
cesd_2012	.06848	.02734	2.50	0.016	.0135673	.1233927
hei2015_total_score	-.0068709	.0037541	-1.83	0.073	-.014411	.0006692

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 2,813

Number of strata = 52 — Population size = 24,878,829
Number of PSUs = 104 — Subpop. no. obs = 2,529
Subpop. size = 22,461,007
Average RVI = 52.4262
Largest FMI = 0.9992
Complete DF = 52
DF adjustment: **Small sample** — DF: min = 0.11
avg = 47.16
max = 50.10
Model F test: **Equal FMI** — F(28, 1010.4) = 18.88
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.6849585	.117444	5.83	0.000	.4490714	.9208455
AGE2012	.0994918	.0070126	14.19	0.000	.0854072	.1135765
SEX	-.305685	.0849825	-3.60	0.001	-.4763958	-.1349742
NonWhite	-.3687746	.1228847	-3.00	0.004	-.6155873	-.1219619
education						
2	.3024098	.1880518	1.61	0.114	-.0753192	.6801388
3	.1242383	.1285077	0.97	0.338	-.1338851	.3823616
4	.1603357	.1254095	1.28	0.207	-.0915604	.4122318
5	.0330099	.1439369	0.23	0.820	-.2560941	.3221139
totwealth_2012						
2	.0797032	.083707	0.95	0.346	-.0884662	.2478726
3	-.5484867	.2480817	-2.21	0.032	-1.046769	-.0502039
4	-.8264826	.7979214	-1.04	0.305	-2.429095	.7761299
5	-43.56849	10.43689	-4.17	0.712	-3.56e+12	3.56e+12
marital_2012						
2	-.0967043	.232428	-0.42	0.679	-.5635316	.370123
3	.033423	.2689907	0.12	0.902	-.506834	.57368
4	-.0303904	.207022	-0.15	0.884	-.4461879	.3854071
work_st_2012	.00898	.1186932	0.08	0.940	-.2294127	.2473726
smoking_2012						
2	.2809065	.0958364	2.93	0.005	.0883974	.4734157
3	.895732	.1682783	5.32	0.000	.5576425	1.233822
alcohol_2012						
2	-.0233874	.1239614	-0.19	0.851	-.2724451	.2256702
3	-.2738386	.1219315	-2.25	0.032	-.5221131	-.025564
4	-.190687	.1250036	-1.53	0.135	-.4434041	.0620302
physic_act_2012	-.2119178	.0564991	-3.75	0.000	-.3254025	-.098433
2.srh_2012	.4877462	.106244	4.59	0.000	.2743542	.7011381
bmibr_2012						
2	-.1908212	.0825221	-2.31	0.025	-.3565841	-.0250583
3	-.1390694	.1360687	-1.02	0.312	-.4123602	.1342214
cardiometcondbr_2012	.3067232	.0718156	4.27	0.000	.1624822	.4509643
cesd_2012	.0649575	.0275233	2.36	0.022	.0096767	.1202383
hei2015_total_score	-.0067862	.0038187	-1.78	0.082	-.0144562	.0008839

Multiple-imputation estimates
Survey: Cox regression

Number of strata = **52**
Number of PSUs = **104**

DF adjustment: **Small sample**

Model F test: **Equal FMI**
Within VCE type: **Linearized**

Imputations = **5**
Number of obs = **2,813**

Population size = **24,878,829**
Subpop. no. obs = **2,529**
Subpop. size = **22,461,007**
Average RVI = .
Largest FMI = .
Complete DF = **52**
DF: min = **0.00**
avg = .
max = .
F(**27**, **49.9**) = **56.36**
Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.6033753	.1166474	5.17	0.000	.3690803	.8376703
AGE2012	.1008329	.0069771	14.45	0.000	.0868195	.1148463
SEX	-.3388799	.083069	-4.08	0.000	-.505742	-.1720178
NonWhite	-.4242942	.1218887	-3.48	0.001	-.6691062	-.1794822
education						
2	.3169284	.1906881	1.66	0.103	-.0660823	.699939
3	.1093266	.1367431	0.80	0.428	-.1653301	.3839832
4	.1158614	.1379015	0.84	0.405	-.1611217	.3928445
5	.0011204	.155883	0.01	0.994	-.3119758	.3142166
totwealth_2012						
2	.0818986	.0806551	1.02	0.315	-.0801315	.2439287
3	-.5709092	.2501319	-2.28	0.027	-1.073304	-.0685142
4	-.8209657	.776951	-1.06	0.296	-2.38145	.7395181
5	-50.48638	.	.	.	.	.
marital_2012						
2	-.0608775	.2398269	-0.25	0.801	-.5425657	.4208107
3	.0681573	.2699154	0.25	0.802	-.4739568	.6102714
4	.0098019	.2069176	0.05	0.962	-.4057862	.4253901
work_st_2012	-.0031927	.1182322	-0.03	0.979	-.2406602	.2342748
smoking_2012						
2	.2904899	.0967098	3.00	0.004	.096219	.4847607
3	.9207561	.1753506	5.25	0.000	.5684844	1.273028
alcohol_2012						
2	-.0378345	.1205772	-0.31	0.755	-.2800672	.2043983
3	-.2612892	.1167793	-2.24	0.032	-.4990907	-.0234878
4	-.143643	.1222036	-1.18	0.247	-.3906252	.1033393
physic_act_2012	-.208011	.0568483	-3.66	0.001	-.3221985	-.0938235
2.srh_2012	.4762824	.1014163	4.70	0.000	.272589	.6799758
bmibr_2012						
2	-.1546331	.0823939	-1.88	0.066	-.320132	.0108658
3	-.0974253	.1357652	-0.72	0.476	-.3701046	.175254
cardiometcondbr_2012	.3348158	.0735696	4.55	0.000	.1870529	.4825787
cesd_2012	.0676444	.0278156	2.43	0.019	.0117765	.1235123
hei2015_total_score	-.0071509	.0038992	-1.83	0.073	-.0149823	.0006806

```
36 .
37 .
38 .
```

```
39 . **********************FOOD INSECURE**************************************
40 .
41 . ***MODEL 1****
42 . foreach x of varlist  lnhurd_odds lnexpert_odds lnlasso_odds {
     2. mi estimate: svy, subpop(FOOD_INSECURE): stcox `x' AGE2012 SEX NonWhite
     3.
43 . }
```

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      2,783

Number of strata  =        49                 Population size   =  24,695,731
Number of PSUs    =        98                 Subpop. no. obs   =        283
                                              Subpop. size      =   2,409,638
                                              Average RVI       =     0.0000
                                              Largest FMI       =     0.0000
                                              Complete DF       =         49
DF adjustment:   Small sample                 DF:     min       =      47.12
                                                      avg       =      47.12
                                                      max       =      47.12
Model F test:       Equal FMI                 F(   4,   47.1)   =       5.88
Within VCE type:   Linearized                 Prob > F          =     0.0006
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.1872466	.0676111	2.77	0.008	.0512394	.3232538
AGE2012	.0414119	.0301365	1.37	0.176	-.019211	.1020348
SEX	-.1491186	.2809891	-0.53	0.598	-.7143593	.4161221
NonWhite	-.5145915	.29842	-1.72	0.091	-1.114896	.0857134

```
Note: 3 strata omitted because they contain no subpopulation members.
```

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      2,783

Number of strata  =        49                 Population size   =  24,695,731
Number of PSUs    =        98                 Subpop. no. obs   =        283
                                              Subpop. size      =   2,409,638
                                              Average RVI       =     0.0000
                                              Largest FMI       =     0.0000
                                              Complete DF       =         49
DF adjustment:   Small sample                 DF:     min       =      47.12
                                                      avg       =      47.12
                                                      max       =      47.12
Model F test:       Equal FMI                 F(   4,   47.1)   =       6.04
Within VCE type:   Linearized                 Prob > F          =     0.0005
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1915754	.060437	3.17	0.003	.0699998	.3131511
AGE2012	.0370988	.0286604	1.29	0.202	-.0205548	.0947524
SEX	-.213484	.2782095	-0.77	0.447	-.7731332	.3461653
NonWhite	-.4608563	.2936842	-1.57	0.123	-1.051635	.129922

```
Note: 3 strata omitted because they contain no subpopulation members.
```

```
Multiple-imputation estimates                 Imputations       =          5
Survey: Cox regression                        Number of obs     =      2,783
```

```
Number of strata  =        49                  Population size   =  24,695,731
Number of PSUs    =        98                  Subpop. no. obs   =         283
                                               Subpop. size      =   2,409,638
                                               Average RVI       =      0.0000
                                               Largest FMI       =      0.0000
                                               Complete DF       =          49
DF adjustment:   Small sample                  DF:     min       =       47.12
                                                       avg       =       47.12
                                                       max       =       47.12
Model F test:       Equal FMI                  F(   4,   47.1)   =        6.05
Within VCE type:   Linearized                  Prob > F          =      0.0005
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.2706257	.0839894	3.22	0.002	.1016718	.4395797
AGE2012	.0395927	.0275551	1.44	0.157	-.0158374	.0950227
SEX	-.2846563	.2882845	-0.99	0.328	-.8645725	.29526
NonWhite	-.4647807	.2910662	-1.60	0.117	-1.050293	.1207311

Note: 3 strata omitted because they contain no subpopulation members.

```
44 .
45 .
46 . foreach x of varlist  hurd_dem expert_dem lasso_dem {
     2. mi estimate: svy, subpop(FOOD_INSECURE): stcox `x' AGE2012 SEX NonWhite
     3.
47 . }

Multiple-imputation estimates                  Imputations       =           5
Survey: Cox regression                         Number of obs     =       2,783

Number of strata  =        49                  Population size   =  24,695,731
Number of PSUs    =        98                  Subpop. no. obs   =         283
                                               Subpop. size      =   2,409,638
                                               Average RVI       =      0.0000
                                               Largest FMI       =      0.0000
                                               Complete DF       =          49
DF adjustment:   Small sample                  DF:     min       =       47.12
                                                       avg       =       47.12
                                                       max       =       47.12
Model F test:       Equal FMI                  F(   4,   47.1)   =        5.55
Within VCE type:   Linearized                  Prob > F          =      0.0010
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.6244596	.3374397	1.85	0.071	-.0543377	1.303257
AGE2012	.0640066	.0281955	2.27	0.028	.0072882	.120725
SEX	-.1298913	.2719643	-0.48	0.635	-.6769775	.4171949
NonWhite	-.385722	.2958434	-1.30	0.199	-.9808436	.2093997

Note: 3 strata omitted because they contain no subpopulation members.

```
Multiple-imputation estimates                  Imputations       =           5
Survey: Cox regression                         Number of obs     =       2,783
```

```
Number of strata  =        49                  Population size   =  24,695,731
Number of PSUs    =        98                  Subpop. no. obs   =         283
                                               Subpop. size      =   2,409,638
                                               Average RVI       =      0.0000
                                               Largest FMI       =      0.0000
                                               Complete DF       =          49
DF adjustment:   Small sample                  DF:     min       =       47.12
                                                       avg       =       47.12
                                                       max       =       47.12
Model F test:       Equal FMI                  F(   4,   47.1)   =        7.99
Within VCE type:   Linearized                  Prob > F          =      0.0001
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.9960425	.2655016	3.75	0.000	.4619567	1.530128
AGE2012	.0524699	.026589	1.97	0.054	-.0010168	.1059566
SEX	-.3129597	.2887887	-1.08	0.284	-.89389	.2679705
NonWhite	-.4264823	.2798346	-1.52	0.134	-.9894006	.1364359

Note: 3 strata omitted because they contain no subpopulation members.

```
Multiple-imputation estimates                  Imputations       =           5
Survey: Cox regression                         Number of obs     =       2,783

Number of strata  =        49                  Population size   =  24,695,731
Number of PSUs    =        98                  Subpop. no. obs   =         283
                                               Subpop. size      =   2,409,638
                                               Average RVI       =      0.0000
                                               Largest FMI       =      0.0000
                                               Complete DF       =          49
DF adjustment:   Small sample                  DF:     min       =       47.12
                                                       avg       =       47.12
                                                       max       =       47.12
Model F test:       Equal FMI                  F(   4,   47.1)   =        6.03
Within VCE type:   Linearized                  Prob > F          =      0.0005
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.9490309	.3238764	2.93	0.005	.2975177	1.600544
AGE2012	.0591288	.0254325	2.32	0.024	.0079685	.110289
SEX	-.3455754	.2882482	-1.20	0.237	-.9254185	.2342677
NonWhite	-.4087539	.2895727	-1.41	0.165	-.9912614	.1737536

Note: 3 strata omitted because they contain no subpopulation members.

```
48 .
49 .
50 . ***MODEL 2****
51 . foreach x of varlist  lnhurd_odds lnexpert_odds lnlasso_odds {
     2. mi estimate: svy, subpop(FOOD_INSECURE): stcox `x' AGE2012 SEX NonWhite i.education  i.totwealth_2012 i.mari
   > rdiometcondbr_2012 cesd_2012 hei2015_total_score
     3.
```

```
52 . }
```

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 2,775
Number of strata	= 49	Population size	= 24,632,690
Number of PSUs	= 98	Subpop. no. obs	= 275
		Subpop. size	= 2,346,597
		Average RVI	= 2.2310
		Largest FMI	= 0.9656
		Complete DF	= 49
DF adjustment:	Small sample	DF: min	= 1.69
		avg	= 45.03
		max	= 47.10
Model F test:	Equal FMI	F(26, 27.4)	= 44.50
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.1302473	.0970365	1.34	0.186	-.0649602	.3254547
AGE2012	.0689073	.031615	2.18	0.034	.0053089	.1325058
SEX	-.1642191	.3606025	-0.46	0.651	-.8896402	.561202
NonWhite	-.6046654	.3667343	-1.65	0.106	-1.342414	.1330831
education						
2	.2726786	.8073622	0.34	0.737	-1.351442	1.8968
3	.001114	.4928518	0.00	0.998	-.9903176	.9925456
4	.6879567	.4883249	1.41	0.166	-.2946415	1.670555
5	.9386479	.7815881	1.20	0.236	-.6336193	2.510915
totwealth_2012						
2	.5913463	.4499557	1.31	0.195	-.3138878	1.496581
3	-35.44587	4.954375	-7.15	0.029	-60.89917	-9.992565
marital_2012						
2	-1.474271	.8812744	-1.67	0.101	-3.247232	.2986893
3	-1.438054	.9074329	-1.58	0.120	-3.263675	.3875675
4	-1.220437	.8342505	-1.46	0.150	-2.898706	.4578318
work_st_2012	-.1128634	.4539017	-0.25	0.805	-1.026095	.800368
smoking_2012						
2	-.1075	.3522427	-0.31	0.762	-.8161222	.6011223
3	.6174132	.4027472	1.53	0.132	-.1928063	1.427633
alcohol_2012						
2	.2106977	.4051509	0.52	0.605	-.6043597	1.025755
3	-.4649916	.8135221	-0.57	0.570	-2.101999	1.172016
4	-1.759148	1.269204	-1.39	0.173	-4.320735	.8024393
physic_act_2012	-.2496985	.1914258	-1.30	0.198	-.6347793	.1353823
2.srh_2012	.1970969	.3792614	0.52	0.606	-.5659492	.9601431
bmibr_2012						
2	-.6752651	.3259724	-2.07	0.044	-1.331004	-.0195266
3	.2299501	.3990607	0.58	0.567	-.5729193	1.03282
cardiometcondbr_2012	.5128011	.3309052	1.55	0.128	-.1528902	1.178492
cesd_2012	.0235952	.0723391	0.33	0.746	-.1219251	.1691154
hei2015_total_score	-.0113172	.0185522	-0.61	0.545	-.0486414	.026007

Note: 3 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 2,775

Number of strata = 49 — Population size = 24,632,690
Number of PSUs = 98 — Subpop. no. obs = 275
Subpop. size = 2,346,597
Average RVI = 0.5748
Largest FMI = 0.8803
Complete DF = 49
DF adjustment: **Small sample** — DF: min = 3.34
avg = 45.10
max = 47.10
Model F test: **Equal FMI** — F(26, 41.4) = 67.97
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1714209	.0784197	2.19	0.034	.013664	.3291777
AGE2012	.0598784	.02888	2.07	0.044	.0017807	.1179761
SEX	-.2585237	.3742967	-0.69	0.493	-1.011501	.4944535
NonWhite	-.5545718	.359632	-1.54	0.130	-1.278025	.1688818
education						
2	.2946769	.7684777	0.38	0.703	-1.251223	1.840577
3	.032722	.4939553	0.07	0.947	-.9609377	1.026382
4	.6326432	.4529862	1.40	0.169	-.2788296	1.544116
5	.8866237	.7668286	1.16	0.253	-.6559583	2.429206
totwealth_2012						
2	.617122	.4384207	1.41	0.166	-.2648987	1.499143
3	-33.34363	2.848794	-11.70	0.001	-41.90674	-24.78052
marital_2012						
2	-1.412682	.9031164	-1.56	0.124	-3.229559	.4041948
3	-1.37095	.9294361	-1.48	0.147	-3.240847	.4989465
4	-1.172297	.8689103	-1.35	0.184	-2.920291	.5756967
work_st_2012	-.2375715	.4565089	-0.52	0.605	-1.156046	.6809027
smoking_2012						
2	-.1517297	.3619938	-0.42	0.677	-.8799594	.5765
3	.6713505	.4099985	1.64	0.108	-.1534605	1.496161
alcohol_2012						
2	.2621923	.3986737	0.66	0.514	-.539839	1.064224
3	-.5508793	.8806624	-0.63	0.535	-2.322883	1.221124
4	-1.751565	1.276017	-1.37	0.177	-4.326514	.8233842
physic_act_2012	-.2613326	.1910656	-1.37	0.178	-.6456915	.1230262
2.srh_2012	.072805	.3966331	0.18	0.855	-.7252053	.8708154
bmibr_2012						
2	-.7581622	.3393854	-2.23	0.030	-1.440881	-.0754439
3	.2646539	.4046285	0.65	0.516	-.5494461	1.078754
cardiometcondbr_2012	.4629743	.3241154	1.43	0.160	-.1890612	1.11501
cesd_2012	.0284734	.073448	0.39	0.700	-.1192771	.1762239
hei2015_total_score	-.0095755	.0195765	-0.49	0.627	-.0489604	.0298094

Note: 3 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 2,775

Number of strata = 49 — Population size = 24,632,690
Number of PSUs = 98 — Subpop. no. obs = 275
Subpop. size = 2,346,597
Average RVI = 0.7202
Largest FMI = 0.9129
Complete DF = 49
DF adjustment: **Small sample** — DF: min = 2.81
avg = 45.09
max = 47.10
Model F test: **Equal FMI** — F(26, 39.8) = 53.49
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.2312531	.1035669	2.23	0.030	.0229094	.4395968
AGE2012	.0662075	.0271973	2.43	0.019	.0114942	.1209208
SEX	-.2955839	.3761067	-0.79	0.436	-1.052207	.4610395
NonWhite	-.5667832	.3525834	-1.61	0.115	-1.276059	.1424924
education						
2	.5033444	.7479709	0.67	0.504	-1.00131	2.007998
3	.0762023	.4888924	0.16	0.877	-.9072706	1.059675
4	.685263	.4413128	1.55	0.127	-.2027411	1.573267
5	.9779613	.7623721	1.28	0.206	-.5556575	2.51158
totwealth_2012						
2	.5692284	.4316526	1.32	0.194	-.2991786	1.437635
3	-31.40603	3.296307	-9.53	0.003	-42.31696	-20.4951
marital_2012						
2	-1.370981	.9056704	-1.51	0.137	-3.193002	.4510391
3	-1.344855	.9180138	-1.46	0.150	-3.191755	.5020447
4	-1.194009	.867311	-1.38	0.175	-2.938778	.5507607
work_st_2012	-.1688764	.4505562	-0.37	0.709	-1.075383	.7376302
smoking_2012						
2	-.1912379	.3573173	-0.54	0.595	-.910066	.5275901
3	.5805779	.4036015	1.44	0.157	-.2313609	1.392517
alcohol_2012						
2	.2933457	.3948859	0.74	0.461	-.5010653	1.087757
3	-.4785916	.8097538	-0.59	0.557	-2.108036	1.150853
4	-1.73355	1.286939	-1.35	0.185	-4.32961	.8625109
physic_act_2012	-.2400942	.1852245	-1.30	0.201	-.6127032	.1325148
2.srh_2012	.1513696	.3740119	0.40	0.688	-.6011371	.9038763
bmibr_2012						
2	-.681865	.3344692	-2.04	0.047	-1.354694	-.0090357
3	.3040734	.3806816	0.80	0.428	-.4618304	1.069977
cardiometcondbr_2012	.4860262	.3033596	1.60	0.116	-.1242463	1.096299
cesd_2012	.0190008	.0715687	0.27	0.792	-.1249688	.1629704
hei2015_total_score	-.0075925	.0191032	-0.40	0.693	-.0460253	.0308402

Note: 3 strata omitted because they contain no subpopulation members.

```
53 .
54 .
55 . foreach x of varlist  hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(FOOD_INSECURE): stcox `x' AGE2012 SEX NonWhite i.education  i.totwealth_2012 i.mari
> rdiometcondbr_2012 cesd_2012 hei2015_total_score
  3.
56 . }
```

Multiple-imputation estimates		Imputations	= 5
Survey: Cox regression		Number of obs	= 2,775
Number of strata	= 49	Population size	= 24,632,690
Number of PSUs	= 98	Subpop. no. obs	= 275
		Subpop. size	= 2,346,597
		Average RVI	= 0.9741
		Largest FMI	= 0.9208
		Complete DF	= 49
DF adjustment:	Small sample	DF: min	= 2.67
		avg	= 45.09
		max	= 47.11
Model F test:	Equal FMI	F(26, 37.2)	= 54.56
Within VCE type:	Linearized	Prob > F	= 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	.4858031	.4046904	1.20	0.236	-.3283506	1.299957
AGE2012	.0827091	.0291207	2.84	0.007	.024128	.1412901
SEX	-.1943093	.357665	-0.54	0.590	-.9138191	.5252006
NonWhite	-.605675	.3745249	-1.62	0.113	-1.359101	.1477513
education						
2	.2239077	.7962805	0.28	0.780	-1.377922	1.825738
3	-.0258833	.4800814	-0.05	0.957	-.991625	.9398583
4	.5370493	.4357668	1.23	0.224	-.3398302	1.413929
5	.7966616	.7311513	1.09	0.281	-.6741408	2.267464
totwealth_2012						
2	.5874005	.4583131	1.28	0.206	-.3346476	1.509449
3	-33.28329	3.507123	-9.49	0.004	-45.27364	-21.29294
marital_2012						
2	-1.77069	.8470922	-2.09	0.042	-3.474825	-.0665554
3	-1.67581	.8355743	-2.01	0.051	-3.356829	.0052089
4	-1.433321	.7803351	-1.84	0.073	-3.00311	.1364689
work_st_2012	-.104677	.4629866	-0.23	0.822	-1.03617	.8268156
smoking_2012						
2	-.0882757	.3460478	-0.26	0.800	-.7844422	.6078907
3	.7331171	.3893171	1.88	0.066	-.0500816	1.516316
alcohol_2012						
2	.1084237	.3961015	0.27	0.785	-.688441	.9052884
3	-.4175175	.7686054	-0.54	0.590	-1.964093	1.129058
4	-1.815661	1.261026	-1.44	0.157	-4.359997	.7286737
physic_act_2012	-.2213438	.1769255	-1.25	0.217	-.5772518	.1345641
2.srh_2012	.3079316	.3515922	0.88	0.386	-.3994207	1.015284
bmibr_2012						
2	-.7606705	.3266295	-2.33	0.024	-1.41773	-.103611
3	.1559917	.3804958	0.41	0.684	-.6095221	.9215054

cardiometcondbr_2012	.6241124	.3210541	1.94	0.058	-.0217581	1.269983
cesd_2012	.0299314	.0686131	0.44	0.665	-.1080942	.167957
hei2015_total_score	-.0119841	.0175614	-0.68	0.498	-.0473139	.0233456

Note: 3 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 2,775

Number of strata = 49 — Population size = 24,632,690
Number of PSUs = 98 — Subpop. no. obs = 275
Subpop. size = 2,346,597
Average RVI = 0.2025
Largest FMI = 0.6883
Complete DF = 49
DF adjustment: **Small sample** — DF: min = 6.56
avg = 45.34
max = 47.11
Model F test: **Equal FMI** — F(26, 45.6) = 77.03
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	1.228449	.3460982	3.55	0.001	.5322144	1.924683
AGE2012	.0615938	.0284359	2.17	0.035	.0043876	.1187999
SEX	-.5016462	.3397662	-1.48	0.146	-1.185136	.1818436
NonWhite	-.5712614	.3769648	-1.52	0.136	-1.329595	.1870719
education						
2	.5491528	.8196327	0.67	0.506	-1.099636	2.197941
3	.1842039	.4914518	0.37	0.709	-.8044149	1.172823
4	.6391661	.424915	1.50	0.139	-.2157643	1.494096
5	.8834839	.7633734	1.16	0.253	-.6521334	2.419101
totwealth_2012						
2	.3667456	.4752844	0.77	0.444	-.5893993	1.322891
3	-32.06477	1.95886	-16.37	0.000	-36.76031	-27.36924
marital_2012						
2	-1.814031	.8291186	-2.19	0.034	-3.481979	-.1460837
3	-1.823037	.8215206	-2.22	0.031	-3.475729	-.1703451
4	-1.507286	.7439057	-2.03	0.048	-3.003778	-.010794
work_st_2012	-.1850478	.4705241	-0.39	0.696	-1.131627	.7615311
smoking_2012						
2	-.1401835	.3450459	-0.41	0.686	-.83431	.553943
3	.9431036	.4340696	2.17	0.035	.0699078	1.816299
alcohol_2012						
2	.2823927	.411241	0.69	0.496	-.5449353	1.109721
3	-.4096833	.7980422	-0.51	0.610	-2.015231	1.195864
4	-1.657531	1.250125	-1.33	0.192	-4.177569	.8625062
physic_act_2012	-.2274219	.1871919	-1.21	0.230	-.6039819	.1491381
2.srh_2012	.1466814	.3690333	0.40	0.693	-.5957062	.889069
bmibr_2012						
2	-.8144634	.344892	-2.36	0.022	-1.508256	-.1206705
3	.1846752	.3914494	0.47	0.639	-.6028347	.9721851

cardiometcondbr_2012	.6576372	.2985508	2.20	0.033	.0570502	1.258224
cesd_2012	.0270412	.0726535	0.37	0.711	-.1191104	.1731929
hei2015_total_score	-.0112975	.0179201	-0.63	0.531	-.0473474	.0247525

Note: 3 strata omitted because they contain no subpopulation members.

Multiple-imputation estimates — Imputations = 5
Survey: Cox regression — Number of obs = 2,775

Number of strata = 49 — Population size = 24,632,690
Number of PSUs = 98 — Subpop. no. obs = 275
Subpop. size = 2,346,597
Average RVI = 0.3752
Largest FMI = 0.8356
Complete DF = 49
DF adjustment: **Small sample** — DF: min = 4.03
avg = 45.22
max = 47.11
Model F test: **Equal FMI** — F(26, 43.7) = 55.26
Within VCE type: **Linearized** — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.8445216	.3741189	2.26	0.029	.091925	1.597118
AGE2012	.0819446	.0265506	3.09	0.003	.0285318	.1353575
SEX	-.355232	.3529583	-1.01	0.319	-1.065259	.3547951
NonWhite	-.5632252	.363006	-1.55	0.127	-1.29349	.1670391
education						
2	.4817299	.8068568	0.60	0.553	-1.141359	2.104819
3	.1405672	.4794829	0.29	0.771	-.8239739	1.105108
4	.6448612	.4138616	1.56	0.126	-.1878597	1.477582
5	.8931686	.7391548	1.21	0.233	-.5937298	2.380067
totwealth_2012						
2	.4343519	.4616083	0.94	0.352	-.494298	1.363002
3	-30.7985	2.559557	-12.03	0.000	-37.88124	-23.71576
marital_2012						
2	-1.662175	.8328235	-2.00	0.052	-3.33758	.0132301
3	-1.627043	.8291175	-1.96	0.056	-3.29502	.0409341
4	-1.466951	.7826156	-1.87	0.067	-3.041318	.1074168
work_st_2012	-.0953094	.4731275	-0.20	0.841	-1.047135	.856516
smoking_2012						
2	-.0656061	.3496712	-0.19	0.852	-.7690436	.6378313
3	.7372439	.3796983	1.94	0.058	-.0265835	1.501071
alcohol_2012						
2	.2126846	.4045106	0.53	0.602	-.6011124	1.026481
3	-.4685465	.71623	-0.65	0.516	-1.909547	.9724542
4	-1.722794	1.234581	-1.40	0.170	-4.21203	.7664413
physic_act_2012	-.1877989	.178165	-1.05	0.297	-.5462022	.1706045
2.srh_2012	.3044132	.3413029	0.89	0.377	-.3821994	.9910258
bmibr_2012						
2	-.7566031	.3484561	-2.17	0.035	-1.457565	-.0556412
3	.1733358	.3649005	0.48	0.637	-.5607455	.9074172
cardiometcondbr_2012	.6011431	.323993	1.86	0.070	-.0506206	1.252907

cesd_2012	.0319866	.0672482	0.48	0.637	-.1032924	.1672657
hei2015_total_score	-.0117508	.0173407	-0.68	0.501	-.0466358	.0231342

Note: 3 strata omitted because they contain no subpopulation members.

```
57 .
58 .
59 . ************************************INTERACTION WITH FOOD INSECURITY*********************************
60 .
61 .
62 . ***MODEL 1****
63 . foreach x of varlist  lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(sample_final): stcox c.`x'##c.foodinsecurity_totbr AGE2012 SEX NonWhite
  3.
64 . }
```

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(6, 50.1) = 72.15
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.108793	.0153876	7.07	0.000	.0778878	.1396983
foodinsecurity_totbr	-.0731643	.2227163	-0.33	0.744	-.5204789	.3741504
c.lnhurd_odds#c.foodinsecurity_totbr	.007727	.0595213	0.13	0.897	-.1118186	.1272726
AGE2012	.0841781	.0065149	12.92	0.000	.0710932	.0972629
SEX	-.2860418	.059556	-4.80	0.000	-.4056571	-.1664264
NonWhite	-.3143557	.1008175	-3.12	0.003	-.5168428	-.1118687

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(6, 50.1) = 82.34
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.189182	.020691	9.14	0.000	.1476252	.2307388
foodinsecurity_totbr	-.2831086	.2077667	-1.36	0.179	-.7003978	.1341805
c.lnexpert_odds#c.foodinsecurity_totbr	-.046003	.056163	-0.82	0.417	-.1588035	.0667976
AGE2012	.0683143	.0072404	9.44	0.000	.0537723	.0828563
SEX	-.3011193	.0607986	-4.95	0.000	-.4232303	-.1790082
NonWhite	-.4301723	.1077498	-3.99	0.000	-.6465825	-.2137621

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(6, 50.1) = 85.25
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.2245437	.0203766	11.02	0.000	.1836183	.2654692
foodinsecurity_totbr	-.1834184	.2064801	-0.89	0.379	-.5981234	.2312867
c.lnlasso_odds#c.foodinsecurity_totbr	-.0186041	.0705415	-0.26	0.793	-.1602832	.1230751
AGE2012	.0718653	.0064057	11.22	0.000	.0589998	.0847307
SEX	-.352215	.0626877	-5.62	0.000	-.4781202	-.2263098
NonWhite	-.3797433	.1023915	-3.71	0.001	-.5853916	-.174095

```
65 .
66 .
67 . ***MODEL 1****
68 . foreach x of varlist  hurd_dem expert_dem lasso_dem {
     2. mi estimate: svy, subpop(sample_final): stcox c.`x'##c.foodinsecurity_totbr AGE2012 SEX NonWhite
     3.
69 . }
```

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(**6**, **50.1**) = **75.36**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	**.7999745**	**.1142375**	**7.00**	**0.000**	**.5705341**	**1.029415**
foodinsecurity_totbr	**.0284219**	**.2173247**	**0.13**	**0.896**	**-.4080641**	**.4649078**
c.hurd_dem#c.foodinsecurity_totbr	**-.3969939**	**.3330949**	**-1.19**	**0.239**	**-1.065999**	**.2720108**
AGE2012	**.0899858**	**.0066417**	**13.55**	**0.000**	**.0766464**	**.1033253**
SEX	**-.2646998**	**.0698225**	**-3.79**	**0.000**	**-.4049348**	**-.1244648**
NonWhite	**-.2784467**	**.0984999**	**-2.83**	**0.007**	**-.4762789**	**-.0806145**

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(**6**, **50.1**) = **85.72**
Within VCE type: **Linearized** Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	**.9625298**	**.1099691**	**8.75**	**0.000**	**.7416622**	**1.183397**
foodinsecurity_totbr	**-.0273186**	**.2223996**	**-0.12**	**0.903**	**-.4739972**	**.4193601**
c.expert_dem#c.foodinsecurity_totbr	**-.282612**	**.3022594**	**-0.93**	**0.354**	**-.8896851**	**.3244612**
AGE2012	**.0892931**	**.0062753**	**14.23**	**0.000**	**.0766895**	**.1018966**
SEX	**-.287082**	**.0632015**	**-4.54**	**0.000**	**-.4140191**	**-.160145**
NonWhite	**-.2718536**	**.1000004**	**-2.72**	**0.009**	**-.4726994**	**-.0710078**

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(   6,   50.1)   =       87.68
Within VCE type:   Linearized                 Prob > F          =      0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.8888475	.1131668	7.85	0.000	.6615575	1.116137
foodinsecurity_totbr	-.0222136	.224554	-0.10	0.922	-.4732192	.428792
c.lasso_dem#c.foodinsecurity_totbr	-.1862842	.3168574	-0.59	0.559	-.8226768	.4501083
AGE2012	.0897921	.0062919	14.27	0.000	.0771551	.1024292
SEX	-.3263445	.0630718	-5.17	0.000	-.4530211	-.1996679
NonWhite	-.3464473	.0955064	-3.63	0.001	-.5382673	-.1546274

```
70 .
71 . ***MODEL 2****
72 . foreach x of varlist  lnhurd_odds lnexpert_odds lnlasso_odds {
  2. mi estimate: svy, subpop(sample_final): stcox c.`x'##c.foodinsecurity_totbr AGE2012 SEX NonWhite i.education
> srh_2012  i.bmibr_2012 cardiometcondbr_2012 cesd_2012 hei2015_total_score
  3.
73 . }

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(  29,   50.0)   =       78.84
Within VCE type:   Linearized                 Prob > F          =      0.0000
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnhurd_odds	.0994497	.0187823	5.29	0.000	.0617259	.1371736
foodinsecurity_totbr	-.6556563	.1858396	-3.53	0.001	-1.02892	-.2823928
c.lnhurd_odds#c.foodinsecurity_totbr	-.0769773	.0481953	-1.60	0.117	-.173777	.0198224
AGE2012	.0918979	.0073109	12.57	0.000	.0772138	.106582
SEX	-.2991786	.0805923	-3.71	0.001	-.4610574	-.1372998
NonWhite	-.4534358	.1160272	-3.91	0.000	-.6864747	-.2203968
education						
2	.2533126	.1764544	1.44	0.157	-.1011169	.6077422
3	.0824421	.1020655	0.81	0.423	-.1225729	.2874571

4	.1359631	.1254636	1.08	0.284	-.1160531	.3879792
5	.0601624	.1357472	0.44	0.660	-.2125079	.3328326
totwealth_2012						
2	.0910008	.0796086	1.14	0.258	-.068909	.2509106
3	-.5546759	.2546115	-2.18	0.034	-1.066059	-.0432932
4	-.7835062	.7877582	-0.99	0.325	-2.365693	.7986807
5	-37.90415	.	.	.	.	.
marital_2012						
2	-.2117899	.1971482	-1.07	0.288	-.6077616	.1841818
3	-.1362631	.2300121	-0.59	0.556	-.5982345	.3257083
4	-.118165	.1772692	-0.67	0.508	-.4742062	.2378762
work_st_2012	.0530545	.111888	0.47	0.637	-.1716711	.2777802
smoking_2012						
2	.2833025	.0937308	3.02	0.004	.0950183	.4715866
3	.9492544	.1724693	5.50	0.000	.6027844	1.295724
alcohol_2012						
2	-.0301646	.128848	-0.23	0.816	-.288963	.2286339
3	-.3035543	.1144089	-2.65	0.011	-.5344007	-.072708
4	-.266983	.1207578	-2.21	0.032	-.5103231	-.0236429
physic_act_2012	-.1906594	.0525094	-3.63	0.001	-.2961284	-.0851904
2.srh_2012	.4230265	.0969363	4.36	0.000	.2283321	.617721
bmibr_2012						
2	-.2120519	.076407	-2.78	0.008	-.3655359	-.0585679
3	-.1031146	.1228504	-0.84	0.405	-.3498569	.1436278
cardiometcondbr_2012	.3734973	.0647249	5.77	0.000	.2434977	.5034969
cesd_2012	.0540019	.0236165	2.29	0.026	.0065675	.1014363
hei2015_total_score	-.0074675	.0038895	-1.92	0.061	-.0152797	.0003448

Multiple-imputation estimates
Survey: Cox regression

Number of strata = **52**
Number of PSUs = **104**

DF adjustment: **Small sample**

Model F test: **Equal FMI**
Within VCE type: **Linearized**

Imputations = **5**
Number of obs = **2,805**

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 = **.**
F(**29**, **50.0**) = **60.52**
Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnexpert_odds	.1457634	.0244822	5.95	0.000	.0965918	.1949349
foodinsecurity_totbr	-.6038804	.1595816	-3.78	0.000	-.9244081	-.2833527
c.lnexpert_odds#c.foodinsecurity_totbr	-.0732995	.0440558	-1.66	0.102	-.1617862	.0151872
AGE2012	.0851224	.0082968	10.26	0.000	.0684583	.1017864
SEX	-.2791338	.0797662	-3.50	0.001	-.4393577	-.11891
NonWhite	-.4512761	.1144603	-3.94	0.000	-.6811677	-.2213846
education						
2	.3724588	.1727765	2.16	0.036	.0254047	.7195129
3	.1629625	.1100976	1.48	0.145	-.0581818	.3841067
4	.2403001	.1297947	1.85	0.070	-.0204036	.5010037
5	.1667371	.1430075	1.17	0.249	-.1205021	.4539762
totwealth_2012						
2	.1261294	.0787636	1.60	0.116	-.032093	.2843517
3	-.5067015	.2568978	-1.97	0.054	-1.022681	.0092783
4	-.7170248	.8023583	-0.89	0.376	-2.328542	.8944926
5	-45.51191	.	.	.	.	.
marital_2012						
2	-.1561549	.207486	-0.75	0.455	-.5728883	.2605786
3	-.0831039	.2459779	-0.34	0.737	-.5771423	.4109344
4	-.0934685	.1888184	-0.50	0.623	-.4727047	.2857677
work_st_2012	.0653812	.111056	0.59	0.559	-.1576725	.2884349
smoking_2012						
2	.2428088	.096569	2.51	0.015	.048822	.4367955
3	.8863875	.1721625	5.15	0.000	.5405354	1.23224
alcohol_2012						
2	.0118042	.1272984	0.09	0.926	-.2439088	.2675173
3	-.2568416	.1217842	-2.11	0.042	-.5034293	-.0102538
4	-.1664869	.1149047	-1.45	0.155	-.3985244	.0655506
physic_act_2012	-.181663	.0534135	-3.40	0.001	-.2889486	-.0743774
2.srh_2012	.4398461	.0994212	4.42	0.000	.2401616	.6395306
bmibr_2012						
2	-.2268695	.0777722	-2.92	0.005	-.3830857	-.0706534
3	-.1020046	.1247346	-0.82	0.417	-.3525311	.1485219
cardiometcondbr_2012	.3397277	.0628505	5.41	0.000	.2134922	.4659632
cesd_2012	.0467368	.0240988	1.94	0.058	-.0016661	.0951396
hei2015_total_score	-.0073645	.003864	-1.91	0.062	-.0151255	.0003965

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

Number of strata = **52**
Number of PSUs = **104**

DF adjustment: **Small sample**

Model F test: **Equal FMI**
Within VCE type: **Linearized**

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 = **.**
F(**29**, **50.0**) = **67.08**
Prob > F = **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lnlasso_odds	.1945678	.0273883	7.10	0.000	.1395586	.249577
foodinsecurity_totbr	-.6151198	.1788779	-3.44	0.001	-.9744026	-.2558369
c.lnlasso_odds#c.foodinsecurity_totbr	-.0885215	.0665903	-1.33	0.190	-.2222682	.0452253
AGE2012	.0861515	.0077158	11.17	0.000	.0706545	.1016485
SEX	-.3249655	.0812677	-4.00	0.000	-.488203	-.161728
NonWhite	-.4233039	.1081604	-3.91	0.000	-.6405429	-.2060648
education						
2	.3885592	.1702083	2.28	0.027	.0466613	.730457
3	.1644177	.1090774	1.51	0.138	-.054677	.3835123
4	.2485427	.1300649	1.91	0.062	-.0127008	.5097863
5	.1536768	.1450104	1.06	0.294	-.1375827	.4449362
totwealth_2012						
2	.1288332	.0779714	1.65	0.105	-.0277947	.285461
3	-.5085686	.2528081	-2.01	0.050	-1.016333	-.0008044
4	-.7543223	.7960413	-0.95	0.348	-2.353149	.8445046
5	-41.66227	.	.	.	.	.
marital_2012						
2	-.2164707	.2016234	-1.07	0.288	-.6214301	.1884887
3	-.1296914	.2394668	-0.54	0.591	-.610653	.3512702
4	-.1376339	.1852183	-0.74	0.461	-.5096399	.2343721
work_st_2012	.0621596	.1092156	0.57	0.572	-.1571983	.2815176
smoking_2012						
2	.2645042	.0975485	2.71	0.009	.0685484	.46046
3	.906277	.1732051	5.23	0.000	.5583294	1.254225
alcohol_2012						
2	.0205556	.1266176	0.16	0.872	-.2337876	.2748988
3	-.2434001	.1241053	-1.96	0.057	-.4946507	.0078504
4	-.1330388	.1120263	-1.19	0.242	-.3592279	.0931504
physic_act_2012	-.17903	.0540212	-3.31	0.002	-.2875367	-.0705234
2.srh_2012	.4468823	.0962564	4.64	0.000	.253554	.6402107
bmibr_2012						
2	-.1853213	.0762965	-2.43	0.019	-.3385708	-.0320718
3	-.0220925	.1261899	-0.18	0.862	-.2755424	.2313574
cardiometcondbr_2012	.3517485	.06489	5.42	0.000	.2214178	.4820792
cesd_2012	.0476189	.0236528	2.01	0.049	.000112	.0951258
hei2015_total_score	-.0062852	.0039152	-1.61	0.115	-.014149	.0015786

```
74 .
75 . ***MODEL 2****
76 .
77 .
78 . foreach x of varlist  hurd_dem expert_dem lasso_dem {
  2. mi estimate: svy, subpop(sample_final): stcox c.`x'##c.foodinsecurity_totbr AGE2012 SEX NonWhite i.education
> srh_2012  i.bmibr_2012 cardiometcondbr_2012 cesd_2012 hei2015_total_score
  3.
79 . }
```

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(**29**, **50.0**)	= **72.16**
Within VCE type:	**Linearized**	Prob > F	= **0.0000**

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
hurd_dem	**.533102**	**.1247817**	**4.27**	**0.000**	**.282473**	**.783731**
foodinsecurity_totbr	**-.2889745**	**.2237453**	**-1.29**	**0.202**	**-.7383594**	**.1604104**
c.hurd_dem#c.foodinsecurity_totbr	**-.4863843**	**.3597019**	**-1.35**	**0.182**	**-1.208849**	**.23608**
AGE2012	**.0993273**	**.0072259**	**13.75**	**0.000**	**.0848143**	**.1138402**
SEX	**-.3031653**	**.0865069**	**-3.50**	**0.001**	**-.4769283**	**-.1294024**
NonWhite	**-.3873931**	**.1092325**	**-3.55**	**0.001**	**-.6067856**	**-.1680006**
education						
2	**.299475**	**.1786889**	**1.68**	**0.100**	**-.0594428**	**.6583927**
3	**.1119311**	**.1118391**	**1.00**	**0.322**	**-.1127081**	**.3365702**
4	**.1568661**	**.1284509**	**1.22**	**0.228**	**-.1011381**	**.4148702**
5	**.0318869**	**.1489012**	**0.21**	**0.831**	**-.2671876**	**.3309614**
totwealth_2012						
2	**.092397**	**.0831065**	**1.11**	**0.272**	**-.074549**	**.2593431**
3	**-.578733**	**.2602638**	**-2.22**	**0.031**	**-1.101473**	**-.0559926**
4	**-.8412861**	**.7797138**	**-1.08**	**0.286**	**-2.407318**	**.7247458**
5	**-38.9541**	**.**	**.**	**.**	**.**	**.**
marital_2012						
2	**-.1630859**	**.2042046**	**-0.80**	**0.428**	**-.5732282**	**.2470565**
3	**-.0647087**	**.2358728**	**-0.27**	**0.785**	**-.5384516**	**.4090342**
4	**-.0891963**	**.1806095**	**-0.49**	**0.624**	**-.4519452**	**.2735526**
work_st_2012	**-.0030319**	**.1157635**	**-0.03**	**0.979**	**-.2355432**	**.2294794**
smoking_2012						
2	**.2888389**	**.093539**	**3.09**	**0.003**	**.1009367**	**.476741**
3	**.9227005**	**.1710711**	**5.39**	**0.000**	**.5790429**	**1.266358**
alcohol_2012						
2	**-.0579486**	**.1298876**	**-0.45**	**0.657**	**-.31886**	**.2029628**

3	-.2924495	.1204187	-2.43	0.020	-.536316	-.048583
4	-.1946776	.1210264	-1.61	0.115	-.4386774	.0493223
physic_act_2012	-.2064929	.055045	-3.75	0.000	-.3170559	-.0959299
2.srh_2012	.4476262	.0974274	4.59	0.000	.2519448	.6433077
bmibr_2012						
2	-.2429527	.0738064	-3.29	0.002	-.391211	-.0946945
3	-.108734	.1228052	-0.89	0.380	-.3553843	.1379162
cardiometcondbr_2012	.3737834	.0639841	5.84	0.000	.2452717	.5022951
cesd_2012	.0560643	.0235711	2.38	0.021	.0087215	.1034072
hei2015_total_score	-.0078541	.0037744	-2.08	0.043	-.0154351	-.0002731

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(29, 50.0) = 62.81
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
expert_dem	.7220079	.1146697	6.30	0.000	.4916905	.9523254
foodinsecurity_totbr	-.4000227	.2242737	-1.78	0.081	-.8504684	.050423
c.expert_dem#c.foodinsecurity_totbr	-.1192008	.2852738	-0.42	0.678	-.6921859	.4537843
AGE2012	.0973989	.0076584	12.72	0.000	.0820172	.1127807
SEX	-.3036336	.0849166	-3.58	0.001	-.4742106	-.1330565
NonWhite	-.3620512	.1132047	-3.20	0.002	-.5894219	-.1346804
education						
2	.3509567	.1842499	1.90	0.063	-.0191421	.7210555
3	.1431893	.110682	1.29	0.202	-.079133	.3655115
4	.2234449	.1232526	1.81	0.076	-.0241191	.4710089
5	.0906948	.1395198	0.65	0.519	-.1895367	.3709263
totwealth_2012						
2	.0933122	.0831926	1.12	0.267	-.0738219	.2604462
3	-.5692358	.2550676	-2.23	0.030	-1.081547	-.0569247
4	-.861979	.8030032	-1.07	0.288	-2.474799	.7508413
5	-47.44657	.	.	.	.	.
marital_2012						
2	-.1961771	.1997994	-0.98	0.331	-.5974715	.2051173
3	-.0880503	.2336069	-0.38	0.708	-.5572424	.3811417
4	-.1266558	.1782772	-0.71	0.481	-.4847205	.231409
work_st_2012	.0269349	.1132552	0.24	0.813	-.2005364	.2544063
smoking_2012						
2	.2733714	.0956389	2.86	0.006	.0812609	.4654819

3	.9072872	.16771	5.41	0.000	.5703727	1.244202
alcohol_2012						
2	-.0241533	.1223218	-0.20	0.844	-.2699044	.2215978
3	-.2962027	.124938	-2.37	0.023	-.5495258	-.0428796
4	-.2245203	.1201114	-1.87	0.069	-.4671006	.0180599
physic_act_2012	-.1997079	.0560527	-3.56	0.001	-.3122941	-.0871216
2.srh_2012	.4660831	.098689	4.72	0.000	.2678662	.6642999
bmibr_2012						
2	-.2322551	.0750979	-3.09	0.003	-.3831099	-.0814004
3	-.1138833	.1263297	-0.90	0.372	-.367614	.1398474
cardiometcondbr_2012	.3356849	.064229	5.23	0.000	.2066808	.4646891
cesd_2012	.0509716	.0243265	2.10	0.041	.0021119	.0998314
hei2015_total_score	-.0077361	.00387	-2.00	0.051	-.0155093	.000037

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(29, 50.0) = 66.36
Within VCE type: Linearized — Prob > F = 0.0000

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
lasso_dem	.6387068	.111434	5.73	0.000	.4148808	.8625329
foodinsecurity_totbr	-.3844832	.225893	-1.70	0.095	-.8381812	.0692148
c.lasso_dem#c.foodinsecurity_totbr	-.1495554	.3409799	-0.44	0.663	-.834416	.5353051
AGE2012	.0990775	.0072458	13.67	0.000	.0845244	.1136306
SEX	-.3341559	.0823827	-4.06	0.000	-.499638	-.1686738
NonWhite	-.4087043	.106859	-3.82	0.000	-.6233299	-.1940786
education						
2	.3623059	.1838938	1.97	0.054	-.0070646	.7316764
3	.1285199	.1194026	1.08	0.287	-.1113099	.3683498
4	.1773429	.1364234	1.30	0.200	-.0966722	.4513579
5	.0581668	.1504086	0.39	0.701	-.2439339	.3602676
totwealth_2012						
2	.0993052	.0799818	1.24	0.220	-.0613712	.2599816
3	-.5881537	.2576019	-2.28	0.027	-1.10555	-.0707575
4	-.8493889	.7797336	-1.09	0.281	-2.415462	.7166838
5	-42.15228	.	.	.	.	.
marital_2012						
2	-.1574069	.2091933	-0.75	0.455	-.5775688	.2627551
3	-.0482223	.2371469	-0.20	0.840	-.5245237	.4280792
4	-.0841069	.1852979	-0.45	0.652	-.4562722	.2880584

work_st_2012	.015872	.1133046	0.14	0.889	-.2116997	.2434436
smoking_2012						
2	.2834867	.0961475	2.95	0.005	.0903481	.4766253
3	.9186348	.1752288	5.24	0.000	.5666323	1.270637
alcohol_2012						
2	-.0355687	.1229349	-0.29	0.774	-.2825124	.2113751
3	-.2849891	.1213931	-2.35	0.024	-.5309904	-.0389878
4	-.1743534	.1187867	-1.47	0.150	-.4141202	.0654133
physic_act_2012	-.1945554	.0549389	-3.54	0.001	-.3049066	-.0842042
2.srh_2012	.4580161	.0947698	4.83	0.000	.2676729	.6483594
bmibr_2012						
2	-.1942214	.0743046	-2.61	0.012	-.3434763	-.0449665
3	-.072154	.1260598	-0.57	0.570	-.3253403	.1810322
cardiometcondbr_2012	.3601377	.0670329	5.37	0.000	.2255025	.4947728
cesd_2012	.0536978	.024408	2.20	0.032	.0046741	.1027215
hei2015_total_score	-.0081211	.0039651	-2.05	0.046	-.0160851	-.0001571

```
80 .
81 . capture log close
```