```
      name:  <unnamed>
       log:  E:\16GBBACKUPUSB\BACKUP_USB_SEPTEMBER2014\May Baydoun_folder\NHANES_NFL_MORTALITY_PAPER\OUTPUT\TABLE
  log type:  smcl
 opened on:  23 Apr 2024, 08:11:26

1 .
2 . ******************************SUPPLEMENTARY TABLE 2***********************************
3 .
4 . use finaldata_imputed,clear

5 .
6 .
7 . **MODEL A**
8 .
9 . foreach x of varlist zBMI zSBP zDBP zTOTALCHOLESTEROLSIP zHBA1C zLnACR zVitaminD_serum zfolate_RBCSI zvitaminb1
   2.         mi estimate: stcox `x' SEX  AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4  PIRg2 PIRg3 MARRIED_LIVP HOUSEH
> ER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average  invmills
   3. }

Multiple-imputation estimates                Imputations       =          5
Cox regression: Breslow method for ties      Number of obs     =      2,070
                                             Average RVI       =     0.0413
                                             Largest FMI       =     0.2829
DF adjustment:   Large sample                DF:     min       =      59.54
                                                     avg       = 708,879.99
                                                     max       = 5080725.94
Model F test:       Equal FMI                F(  22,51061.5)   =       3.16
Within VCE type:        Robust               Prob > F          =     0.0000

                                  (Within VCE adjusted for 2,070 clusters in SEQN)
------------------------------------------------------------------------------
          _t | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
        zBMI |   .1100365   .1231284     0.89   0.372    -.1315175    .3515904
         SEX |  -.3416677   .3325414    -1.03   0.304    -.9935015     .310166
         AGE |  -.0908476    .078831    -1.15   0.249    -.2453537    .0636584
  RACE_ETHNg2 |  -.1121344   .3350303    -0.33   0.738     -.768795    .5445261
  RACE_ETHNg3 |  -1.062158   .4309874    -2.46   0.014    -1.906895   -.2174214
  RACE_ETHNg4 |  -.2353735   .5270096    -0.45   0.655    -1.268295    .7975475
        PIRg2 |  -.1433225   .2959819    -0.48   0.628    -.7239099    .4372648
        PIRg3 |  -1.658254   .4355298    -3.81   0.000    -2.513039   -.8034683
 MARRIED_LIVP |   .5866462    .290098     2.02   0.043     .0180242    1.155268
HOUSEHOLDSIZE |   -.065892   .0994427    -0.66   0.508    -.2607965    .1290124
  EDUCATIONg2 |  -.0332777    .589138    -0.06   0.955    -1.188592    1.122036
  EDUCATIONg3 |   .5136839   .5262361     0.98   0.329    -.5185273    1.545895
  EDUCATIONg4 |   .7397873   .4939966     1.50   0.135    -.2294138    1.708988
  EDUCATIONg5 |   1.199137   .6271456     1.91   0.056    -.0307617    2.429036
      SMOKEg2 |   .8402387   .3760124     2.23   0.025      .103266    1.577211
      SMOKEg3 |   1.233116   .3550654     3.47   0.001     .5371949    1.929036
    ALCOHOLg2 |  -.2778342   .4047985    -0.69   0.492    -1.071244    .5155759
 DRUG_USER_EVER |   .2660881    .350028     0.76   0.447    -.4199797     .952156
     DR12TKCAL |  -.0000969   .0001855    -0.52   0.603     -.000468    .0002741
DASH_TOTAL_SCORE |   .0601165   .1109765     0.54   0.588    -.1581808    .2784138
PHYSICAL_days_average |  -.0000717   .0000684    -1.05   0.295    -.0002058    .0000625
      invmills |   .0540958   .0261085     2.07   0.038     .0029242    .1052675
------------------------------------------------------------------------------
```

Multiple-imputation estimates — Imputations = 5
Cox regression: Breslow method for ties — Number of obs = 2,070
Average RVI = 0.0402
Largest FMI = 0.2554
DF adjustment: **Large sample** — DF: min = 72.36
avg = 900,213.79
max = 8733697.08
Model F test: **Equal FMI** — F(22,53737.0) = 3.22
Within VCE type: **Robust** — Prob > F = 0.0000

(Within VCE adjusted for **2,070** clusters in **SEQN**)

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zSBP	-.058027	.1629152	-0.36	0.722	-.3779948	.2619408
SEX	-.3158807	.3304381	-0.96	0.339	-.9636212	.3318598
AGE	-.0903344	.0784598	-1.15	0.250	-.2441128	.0634441
RACE_ETHNg2	-.0560177	.3571205	-0.16	0.875	-.7560289	.6439936
RACE_ETHNg3	-1.044137	.4355219	-2.40	0.017	-1.89775	-.1905247
RACE_ETHNg4	-.268048	.5177934	-0.52	0.605	-1.282905	.7468095
PIRg2	-.150725	.289031	-0.52	0.602	-.7177584	.4163083
PIRg3	-1.658481	.4345029	-3.82	0.000	-2.511345	-.8056176
MARRIED_LIVP	.5812729	.2943145	1.98	0.048	.0043574	1.158188
HOUSEHOLDSIZE	-.0650194	.0996691	-0.65	0.514	-.2603676	.1303287
EDUCATIONg2	-.0251258	.5963226	-0.04	0.966	-1.194958	1.144706
EDUCATIONg3	.5344356	.5272655	1.01	0.311	-.500558	1.569429
EDUCATIONg4	.738621	.4958757	1.49	0.137	-.2347283	1.71197
EDUCATIONg5	1.201569	.6249801	1.92	0.055	-.024445	2.427583
SMOKEg2	.8361215	.371072	2.25	0.024	.108832	1.563411
SMOKEg3	1.164431	.3576473	3.26	0.001	.4634455	1.865417
ALCOHOLg2	-.2715089	.4176976	-0.65	0.516	-1.090204	.5471864
DRUG_USER_EVER	.2197252	.3404873	0.65	0.519	-.4476835	.8871338
DR12TKCAL	-.0001163	.0001793	-0.65	0.519	-.0004737	.0002411
DASH_TOTAL_SCORE	.0468472	.1072306	0.44	0.662	-.1637198	.2574141
PHYSICAL_days_average	-.0000737	.0000694	-1.06	0.288	-.0002098	.0000624
invmills	.0533713	.0257743	2.07	0.038	.0028545	.1038881

Multiple-imputation estimates — Imputations = 5
Cox regression: Breslow method for ties — Number of obs = 2,070
Average RVI = 0.0674
Largest FMI = 0.3924
DF adjustment: **Large sample** — DF: min = 31.70
avg = 557,864.69
max = 4532899.02
Model F test: **Equal FMI** — F(22,20198.3) = 3.13
Within VCE type: **Robust** — Prob > F = 0.0000

(Within VCE adjusted for **2,070** clusters in **SEQN**)

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zDBP	-.0515366	.1515994	-0.34	0.736	-.3604474	.2573743
SEX	-.3208609	.3270809	-0.98	0.327	-.9619937	.3202719
AGE	-.0921337	.0781608	-1.18	0.238	-.2453262	.0610588
RACE_ETHNg2	-.0851554	.3270962	-0.26	0.795	-.7263101	.5559992
RACE_ETHNg3	-1.068516	.4360343	-2.45	0.014	-1.923183	-.2138489
RACE_ETHNg4	-.2711275	.5133859	-0.53	0.597	-1.277346	.7350915
PIRg2	-.1346923	.2914882	-0.46	0.644	-.7070169	.4376323
PIRg3	-1.660539	.4389722	-3.78	0.000	-2.523207	-.7978724
MARRIED_LIVP	.5813036	.2909986	2.00	0.046	.0108438	1.151763
HOUSEHOLDSIZE	-.068556	.0994549	-0.69	0.491	-.2634853	.1263732
EDUCATIONg2	-.0428234	.5979837	-0.07	0.943	-1.216078	1.130431

EDUCATIONg3	.5122464	.5325716	0.96	0.336	-.5331327	1.557625
EDUCATIONg4	.7233334	.4983019	1.45	0.147	-.2549612	1.701628
EDUCATIONg5	1.181652	.6336295	1.86	0.062	-.0613582	2.424663
SMOKEg2	.8364401	.3739365	2.24	0.025	.1035377	1.569342
SMOKEg3	1.152405	.3649535	3.16	0.002	.4369567	1.867852
ALCOHOLg2	-.2581865	.4118508	-0.63	0.531	-1.065426	.5490531
DRUG_USER_EVER	.227994	.3462399	0.66	0.510	-.4506704	.9066585
DR12TKCAL	-.000107	.0001811	-0.59	0.557	-.0004689	.0002549
DASH_TOTAL_SCORE	.0526645	.1131809	0.47	0.642	-.1698236	.2751526
PHYSICAL_days_average	-.0000741	.000069	-1.07	0.283	-.0002093	.0000611
invmills	.0536662	.0256872	2.09	0.037	.0033202	.1040123

Multiple-imputation estimates — Imputations = 5
Cox regression: Breslow method for ties — Number of obs = 2,070
Average RVI = 0.0346
Largest FMI = 0.2540
DF adjustment: **Large sample** — DF: min = 73.14
avg = 6026345.14
max = 1.26e+08
Model F test: **Equal FMI** — F(22,71998.3) = 3.78
Within VCE type: **Robust** — Prob > F = 0.0000

(Within VCE adjusted for **2,070** clusters in **SEQN**)

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zTOTALCHOLESTEROLSIP	-.2797703	.1614395	-1.73	0.083	-.5961949	.0366543
SEX	-.2281609	.3559135	-0.64	0.522	-.925864	.4695421
AGE	-.0945156	.0786531	-1.20	0.229	-.2486731	.0596419
RACE_ETHNg2	-.148188	.3214227	-0.46	0.645	-.7781787	.4818027
RACE_ETHNg3	-1.039969	.4314382	-2.41	0.016	-1.885591	-.194347
RACE_ETHNg4	-.3491143	.5211922	-0.67	0.503	-1.370633	.6724048
PIRg2	-.1039147	.2855419	-0.36	0.716	-.6640946	.4562651
PIRg3	-1.607965	.4414529	-3.64	0.000	-2.474065	-.7418649
MARRIED_LIVP	.5921032	.2881604	2.05	0.040	.0272856	1.156921
HOUSEHOLDSIZE	-.0785049	.099935	-0.79	0.432	-.2743748	.117365
EDUCATIONg2	-.0524312	.5812639	-0.09	0.928	-1.192301	1.087438
EDUCATIONg3	.469201	.5308625	0.88	0.377	-.5720198	1.510422
EDUCATIONg4	.6799719	.4942546	1.38	0.169	-.2897585	1.649702
EDUCATIONg5	1.196964	.6372426	1.88	0.060	-.0528465	2.446774
SMOKEg2	.8309914	.371036	2.24	0.025	.1037732	1.55821
SMOKEg3	1.107124	.3632593	3.05	0.002	.3951439	1.819103
ALCOHOLg2	-.2339564	.4124021	-0.57	0.571	-1.042291	.5743782
DRUG_USER_EVER	.2547744	.3513294	0.73	0.468	-.4338514	.9434003
DR12TKCAL	-.0001009	.000184	-0.55	0.585	-.0004676	.0002658
DASH_TOTAL_SCORE	.0581819	.1116411	0.52	0.603	-.1612445	.2776083
PHYSICAL_days_average	-.0000723	.0000681	-1.06	0.288	-.0002058	.0000612
invmills	.0549523	.0262486	2.09	0.036	.003506	.1063986

Multiple-imputation estimates — Imputations = 5
Cox regression: Breslow method for ties — Number of obs = 2,070
Average RVI = 0.0302
Largest FMI = 0.2220
DF adjustment: **Large sample** — DF: min = 94.52
avg = 1130413.63
max = 1.56e+07
Model F test: **Equal FMI** — F(22,93337.1) = 3.98
Within VCE type: **Robust** — Prob > F = 0.0000

(Within VCE adjusted for **2,070** clusters in **SEQN**)

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zHBA1C	.3037674	.0798723	3.80	0.000	.1472088	.4603259
SEX	-.2210626	.318529	-0.69	0.488	-.8454464	.4033213
AGE	-.0921431	.0768812	-1.20	0.231	-.2428275	.0585414
RACE_ETHNg2	-.1728343	.3298905	-0.52	0.600	-.8194176	.473749
RACE_ETHNg3	-1.215688	.4329621	-2.81	0.005	-2.064286	-.3670911
RACE_ETHNg4	-.2760892	.4991427	-0.55	0.580	-1.254393	.7022146
PIRg2	-.1146523	.2952277	-0.39	0.698	-.6936561	.4643515
PIRg3	-1.637506	.4263589	-3.84	0.000	-2.474124	-.8008874
MARRIED_LIVP	.5837246	.2875044	2.03	0.042	.0202116	1.147238
HOUSEHOLDSIZE	-.063748	.0967099	-0.66	0.510	-.2532964	.1258005
EDUCATIONg2	-.0505748	.5918174	-0.09	0.932	-1.21096	1.10981
EDUCATIONg3	.4724397	.5249229	0.90	0.368	-.5569329	1.501812
EDUCATIONg4	.7673825	.4921189	1.56	0.119	-.1978299	1.732595
EDUCATIONg5	1.164097	.6168271	1.89	0.059	-.0454294	2.373623
SMOKEg2	.8680646	.3734398	2.32	0.020	.1361354	1.599994
SMOKEg3	1.225206	.3434697	3.57	0.000	.5520153	1.898397
ALCOHOLg2	-.3057533	.3871999	-0.79	0.430	-1.064701	.4531941
DRUG_USER_EVER	.3808688	.3665686	1.04	0.299	-.3376309	1.099369
DR12TKCAL	-.0000371	.0001824	-0.20	0.839	-.0003993	.0003251
DASH_TOTAL_SCORE	.0558467	.1139661	0.49	0.624	-.1681786	.279872
PHYSICAL_days_average	-.0000678	.0000663	-1.02	0.307	-.0001976	.0000621
invmills	.0542922	.0255533	2.12	0.034	.0042086	.1043758

Multiple-imputation estimates — Imputations = **5**
Cox regression: Breslow method for ties — Number of obs = **2,070**
Average RVI = **0.0383**
Largest FMI = **0.2732**
DF adjustment: **Large sample** — DF: min = **63.64**
avg = **516,972.15**
max = **5459434.46**
Model F test: **Equal FMI** — F(**22,59127.5**) = **4.75**
Within VCE type: **Robust** — Prob > F = **0.0000**

(Within VCE adjusted for **2,070** clusters in **SEQN**)

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zLnACR	.4740222	.1064428	4.45	0.000	.2649591	.6830852
SEX	-.3073627	.3180693	-0.97	0.334	-.9308577	.3161323
AGE	-.1109419	.0790646	-1.40	0.161	-.2659058	.044022
RACE_ETHNg2	-.1448707	.3308562	-0.44	0.661	-.7933912	.5036498
RACE_ETHNg3	-1.235355	.4564426	-2.71	0.007	-2.129971	-.3407391
RACE_ETHNg4	-.5110835	.5358544	-0.95	0.340	-1.56134	.5391735
PIRg2	.0212672	.3111282	0.07	0.946	-.588943	.6314773
PIRg3	-1.451239	.4483731	-3.24	0.001	-2.331605	-.5708731
MARRIED_LIVP	.5964935	.2876721	2.07	0.038	.0326384	1.160349
HOUSEHOLDSIZE	-.0693219	.0975283	-0.71	0.477	-.2604745	.1218306
EDUCATIONg2	-.1113697	.641549	-0.17	0.862	-1.368855	1.146116
EDUCATIONg3	.3736191	.5792347	0.65	0.519	-.7618094	1.509048
EDUCATIONg4	.600237	.5559716	1.08	0.280	-.489569	1.690043
EDUCATIONg5	.9810172	.6486087	1.51	0.130	-.2905535	2.252588
SMOKEg2	.7980531	.369117	2.16	0.031	.0745926	1.521514
SMOKEg3	.9795535	.3564643	2.75	0.006	.2808961	1.678211
ALCOHOLg2	-.2176236	.4047357	-0.54	0.591	-1.010921	.5756738
DRUG_USER_EVER	.341517	.3550687	0.96	0.336	-.3544598	1.037494
DR12TKCAL	-.0000767	.0001786	-0.43	0.669	-.0004337	.0002802
DASH_TOTAL_SCORE	.0389738	.1208339	0.32	0.747	-.1988552	.2768029
PHYSICAL_days_average	-.000058	.0000612	-0.95	0.343	-.000178	.000062

invmills	.0579849	.0225163	2.58	0.010	.0138537	.102116

Multiple-imputation estimates — Imputations = 5
Cox regression: Breslow method for ties — Number of obs = 2,070
Average RVI = 0.0332
Largest FMI = 0.2429
DF adjustment: Large sample — DF: min = 79.64
avg = 521,998.01
max = 3869044.66
Model F test: Equal FMI — F(22,77832.4) = 3.53
Within VCE type: Robust — Prob > F = 0.0000

(Within VCE adjusted for 2,070 clusters in SEQN)

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zVitaminD_serum	-.3348688	.1453196	-2.30	0.021	-.6196918	-.0500457
SEX	-.197654	.3117849	-0.63	0.526	-.8088154	.4135075
AGE	-.0910108	.0772871	-1.18	0.239	-.2424909	.0604693
RACE_ETHNg2	-.3296177	.3540341	-0.93	0.352	-1.023529	.3642939
RACE_ETHNg3	-1.15498	.4317797	-2.67	0.007	-2.001263	-.308696
RACE_ETHNg4	-.273957	.5063121	-0.54	0.588	-1.266312	.7183985
PIRg2	-.1572583	.2905404	-0.54	0.588	-.7274216	.412905
PIRg3	-1.641322	.4284337	-3.83	0.000	-2.482544	-.8000996
MARRIED_LIVP	.4375216	.2848744	1.54	0.125	-.1208736	.9959167
HOUSEHOLDSIZE	-.1010911	.1033326	-0.98	0.328	-.3036197	.1014375
EDUCATIONg2	-.1008892	.5922649	-0.17	0.865	-1.262017	1.060238
EDUCATIONg3	.4289112	.5350747	0.80	0.423	-.6203076	1.47813
EDUCATIONg4	.6076456	.502967	1.21	0.227	-.3787499	1.594041
EDUCATIONg5	1.141285	.626147	1.82	0.068	-.0864845	2.369055
SMOKEg2	.8139978	.3750666	2.17	0.030	.0788787	1.549117
SMOKEg3	1.078375	.3534694	3.05	0.002	.3855842	1.771166
ALCOHOLg2	-.2890169	.4105469	-0.70	0.481	-1.09371	.5156761
DRUG_USER_EVER	.2857786	.3385025	0.84	0.399	-.3776939	.9492511
DR12TKCAL	-.0000898	.0001774	-0.51	0.614	-.000443	.0002633
DASH_TOTAL_SCORE	.075454	.107084	0.70	0.481	-.1348573	.2857653
PHYSICAL_days_average	-.0000586	.0000601	-0.97	0.330	-.0001765	.0000593
invmills	.0568254	.0243727	2.33	0.020	.0090558	.1045949

Multiple-imputation estimates — Imputations = 5
Cox regression: Breslow method for ties — Number of obs = 2,070
Average RVI = 0.0364
Largest FMI = 0.2780
DF adjustment: Large sample — DF: min = 61.55
avg = 373,982.47
max = 2428133.87
Model F test: Equal FMI — F(22,65306.7) = 3.26
Within VCE type: Robust — Prob > F = 0.0000

(Within VCE adjusted for 2,070 clusters in SEQN)

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zfolate_RBCSI	.1180427	.0941538	1.25	0.210	-.0665018	.3025871
SEX	-.3343678	.3204435	-1.04	0.297	-.9625203	.2937848
AGE	-.0904972	.0784104	-1.15	0.248	-.2441787	.0631844
RACE_ETHNg2	-.022669	.3348087	-0.07	0.946	-.6788944	.6335563
RACE_ETHNg3	-1.021999	.4338274	-2.36	0.018	-1.872304	-.1716945
RACE_ETHNg4	-.2384218	.5146635	-0.46	0.643	-1.247147	.770303
PIRg2	-.135708	.2925809	-0.46	0.643	-.7095818	.4381659
PIRg3	-1.656554	.4422679	-3.75	0.000	-2.524363	-.7887455

MARRIED_LIVP	.6196849	.284422	2.18	0.029	.0621845	1.177185
HOUSEHOLDSIZE	-.0557318	.1003152	-0.56	0.579	-.2523462	.1408826
EDUCATIONg2	-.092948	.6007776	-0.15	0.877	-1.270893	1.084998
EDUCATIONg3	.4902194	.5327898	0.92	0.358	-.554523	1.534962
EDUCATIONg4	.6981214	.4999208	1.40	0.163	-.2823496	1.678592
EDUCATIONg5	1.154299	.6392167	1.81	0.071	-.0990454	2.407643
SMOKEg2	.8303769	.3690697	2.25	0.024	.1070108	1.553743
SMOKEg3	1.206179	.3539433	3.41	0.001	.5124606	1.899898
ALCOHOLg2	-.2751853	.4099261	-0.67	0.502	-1.07865	.5282799
DRUG_USER_EVER	.223674	.3466604	0.65	0.519	-.4558063	.9031542
DR12TKCAL	-.0001216	.0001841	-0.66	0.511	-.0004897	.0002464
DASH_TOTAL_SCORE	.0429828	.1134198	0.38	0.705	-.1800307	.2659962
PHYSICAL_days_average	-.0000705	.000068	-1.04	0.300	-.0002037	.0000627
invmills	.0527854	.0259589	2.03	0.042	.001907	.1036639

Multiple-imputation estimates — Imputations = 5
Cox regression: Breslow method for ties — Number of obs = 2,070
Average RVI = 0.0606
Largest FMI = 0.2857
DF adjustment: **Large sample** — DF: min = 58.41
avg = 573,067.67
max = 5978210.16
Model F test: **Equal FMI** — F(22,24641.1) = 3.58
Within VCE type: **Robust** — Prob > F = 0.0000

(Within VCE adjusted for **2,070** clusters in **SEQN**)

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zvitaminb12_serumsi	.2165456	.0755984	2.86	0.004	.0677854	.3653058
SEX	-.3764125	.3115536	-1.21	0.227	-.9871657	.2343407
AGE	-.0983582	.0746873	-1.32	0.188	-.2447431	.0480266
RACE_ETHNg2	-.1000879	.3255085	-0.31	0.758	-.7380902	.5379144
RACE_ETHNg3	-.9962114	.434019	-2.30	0.022	-1.846902	-.1455212
RACE_ETHNg4	-.5487872	.6936205	-0.79	0.429	-1.908261	.8106863
PIRg2	-.1226335	.2903193	-0.42	0.673	-.6918928	.4466259
PIRg3	-1.707335	.4364243	-3.91	0.000	-2.563329	-.8513408
MARRIED_LIVP	.6141815	.2901004	2.12	0.034	.0455618	1.182801
HOUSEHOLDSIZE	-.0886407	.1054046	-0.84	0.400	-.2952302	.1179488
EDUCATIONg2	.2623699	.7354262	0.36	0.721	-1.179495	1.704235
EDUCATIONg3	.8488831	.7049517	1.20	0.229	-.5332494	2.231016
EDUCATIONg4	1.089702	.7195953	1.51	0.130	-.321128	2.500532
EDUCATIONg5	1.588136	.7565147	2.10	0.036	.1048737	3.071398
SMOKEg2	.9039483	.3936489	2.30	0.022	.1324087	1.675488
SMOKEg3	1.265556	.3722066	3.40	0.001	.5360411	1.995071
ALCOHOLg2	-.2842472	.4274605	-0.66	0.506	-1.122082	.5535875
DRUG_USER_EVER	.1568732	.3253502	0.48	0.630	-.4808516	.7945979
DR12TKCAL	-.0000863	.0001796	-0.48	0.633	-.0004458	.0002731
DASH_TOTAL_SCORE	.0171875	.1151456	0.15	0.881	-.2087449	.2431198
PHYSICAL_days_average	-.000071	.0000671	-1.06	0.290	-.0002026	.0000606
invmills	.0552463	.0254192	2.17	0.030	.0054256	.1050669

Multiple-imputation estimates — Imputations = 5
Cox regression: Breslow method for ties — Number of obs = 2,070
Average RVI = 0.0336
Largest FMI = 0.2501
DF adjustment: **Large sample** — DF: min = 75.30
avg = 640,141.17
max = 5893392.30
Model F test: **Equal FMI** — F(22,75996.6) = 3.56
Within VCE type: **Robust** — Prob > F = 0.0000

(Within VCE adjusted for **2,070** clusters in **SEQN**)

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
CVD_CANCER_HISTORY	.4225881	.295182	1.43	0.152	-.1559585	1.001135
SEX	-.2915149	.3212395	-0.91	0.364	-.9212001	.3381703
AGE	-.0955903	.0772582	-1.24	0.216	-.2470136	.055833
RACE_ETHNg2	-.036125	.3303744	-0.11	0.913	-.6836741	.6114241
RACE_ETHNg3	-1.006019	.436445	-2.31	0.021	-1.86145	-.1505877
RACE_ETHNg4	-.2057581	.5198328	-0.40	0.692	-1.224614	.8130981
PIRg2	-.1001992	.2964277	-0.34	0.735	-.6815488	.4811504
PIRg3	-1.638283	.43174	-3.79	0.000	-2.48539	-.7911759
MARRIED_LIVP	.6030917	.293934	2.05	0.040	.0269486	1.179235
HOUSEHOLDSIZE	-.0667721	.098654	-0.68	0.499	-.2601307	.1265866
EDUCATIONg2	-.0088322	.5939832	-0.01	0.988	-1.173512	1.155847
EDUCATIONg3	.5023407	.5273741	0.95	0.341	-.5320241	1.536706
EDUCATIONg4	.7392636	.4984351	1.48	0.138	-.2385696	1.717097
EDUCATIONg5	1.186115	.6352615	1.87	0.062	-.0596876	2.431917
SMOKEg2	.8312002	.3743739	2.22	0.026	.0974387	1.564962
SMOKEg3	1.143988	.3458982	3.31	0.001	.4660377	1.821939
ALCOHOLg2	-.2779071	.4156348	-0.67	0.504	-1.092566	.5367514
DRUG_USER_EVER	.2400826	.3407961	0.70	0.481	-.427897	.9080621
DR12TKCAL	-.0001002	.0001801	-0.56	0.579	-.0004589	.0002585
DASH_TOTAL_SCORE	.0585837	.114215	0.51	0.608	-.1657747	.2829421
PHYSICAL_days_average	-.0000723	.0000657	-1.10	0.271	-.0002012	.0000565
invmills	.0539263	.025578	2.11	0.035	.0037944	.1040582

Multiple-imputation estimates — Imputations = 5
Cox regression: Breslow method for ties — Number of obs = 2,070
Average RVI = 0.0328
Largest FMI = 0.2702
DF adjustment: **Large sample** — DF: min = 65.00
avg = 812,192.81
max = 7408211.32
Model F test: **Equal FMI** — F(22,79546.0) = 5.11
Within VCE type: **Robust** — Prob > F = 0.0000

(Within VCE adjusted for **2,070** clusters in **SEQN**)

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
SELF_RATED_HEALTHg	1.144731	.3152148	3.63	0.000	.5269214	1.762541
SEX	-.3175727	.3205373	-0.99	0.322	-.9459585	.3108132
AGE	-.0935227	.0760703	-1.23	0.219	-.2426177	.0555724
RACE_ETHNg2	-.1342696	.3170839	-0.42	0.672	-.7557779	.4872388
RACE_ETHNg3	-1.228314	.4497355	-2.73	0.006	-2.109823	-.3468057
RACE_ETHNg4	-.378355	.5225698	-0.72	0.469	-1.402589	.6458794
PIRg2	-.0760421	.281301	-0.27	0.787	-.6277012	.475617
PIRg3	-1.383807	.4570375	-3.03	0.003	-2.280457	-.4871574
MARRIED_LIVP	.5910731	.283926	2.08	0.037	.0345601	1.147586
HOUSEHOLDSIZE	-.0695352	.0979842	-0.71	0.478	-.261581	.1225107
EDUCATIONg2	-.0972966	.6284567	-0.15	0.877	-1.329054	1.134461

EDUCATIONg3	.5759152	.5538073	1.04	0.298	-.5095695	1.6614
EDUCATIONg4	.8425159	.5311822	1.59	0.113	-.1986116	1.883643
EDUCATIONg5	1.318162	.6523229	2.02	0.043	.0395657	2.596759
SMOKEg2	.8325572	.375562	2.22	0.027	.096469	1.568645
SMOKEg3	1.00822	.3450117	2.92	0.003	.3320057	1.684433
ALCOHOLg2	-.2985895	.3944718	-0.76	0.449	-1.071801	.4746218
DRUG_USER_EVER	.1854307	.3338358	0.56	0.579	-.4688967	.8397581
DR12TKCAL	-.0000389	.0001892	-0.21	0.838	-.0004168	.000339
DASH_TOTAL_SCORE	.075111	.1101995	0.68	0.496	-.1412514	.2914733
PHYSICAL_days_average	-.0000654	.0000611	-1.07	0.284	-.0001851	.0000543
invmills	.0622013	.0245305	2.54	0.011	.0141207	.1102819

```
10 .
11 .
12 .
13 . **MODEL B**
14 . foreach x of varlist zBMI zSBP zDBP zTOTALCHOLESTEROLSIP zHBA1C zLnACR zVitaminD_serum zfolate_RBCSI zvitaminb1
     2.         mi estimate: stcox c.`x'##c.ZLNNFL AGE SEX  RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4  PIRg2 PIRg3 MARRIED
   > DRUG_USER_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average  invmills
     3. }

Multiple-imputation estimates                Imputations       =          5
Cox regression: Breslow method for ties      Number of obs     =      2,070
                                             Average RVI       =     0.0437
                                             Largest FMI       =     0.1698
DF adjustment:   Large sample                DF:     min       =     157.58
                                                     avg       = 970,882.41
                                                     max       = 9327368.40
Model F test:       Equal FMI                F(  24,50326.2)   =       5.74
Within VCE type:        Robust               Prob > F          =     0.0000

                                  (Within VCE adjusted for 2,070 clusters in SEQN)
```

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zBMI	-.067345	.1479808	-0.46	0.649	-.3574182	.2227283
ZLNNFL	.64453	.1118897	5.76	0.000	.4252264	.8638335
c.zBMI#c.ZLNNFL	.1872594	.1482765	1.26	0.207	-.1036657	.4781846
AGE	-.100123	.0770471	-1.30	0.194	-.2511326	.0508866
SEX	.0559556	.3051498	0.18	0.855	-.5421435	.6540548
RACE_ETHNg2	.0587104	.3521284	0.17	0.868	-.6314543	.7488751
RACE_ETHNg3	-.748856	.4543516	-1.65	0.099	-1.639377	.1416649
RACE_ETHNg4	-.3184558	.462891	-0.69	0.491	-1.225751	.5888395
PIRg2	-.1851978	.2931359	-0.63	0.528	-.7603235	.3899279
PIRg3	-1.724805	.4362549	-3.95	0.000	-2.582544	-.8670669
MARRIED_LIVP	.5439225	.3030032	1.80	0.073	-.050048	1.137893
HOUSEHOLDSIZE	-.088747	.0953834	-0.93	0.352	-.2756949	.098201
EDUCATIONg2	-.1789656	.6303725	-0.28	0.777	-1.415275	1.057344
EDUCATIONg3	.5359134	.5367367	1.00	0.318	-.516862	1.588689
EDUCATIONg4	.5371243	.5181549	1.04	0.300	-.4794147	1.553663
EDUCATIONg5	1.184706	.6195816	1.91	0.056	-.0302302	2.399641
SMOKEg2	.7453806	.385448	1.93	0.053	-.0100891	1.50085
SMOKEg3	1.068161	.3401838	3.14	0.002	.4014072	1.734915
ALCOHOLg2	-.4550188	.3641351	-1.25	0.212	-1.169019	.2589812
DRUG_USER_EVER	.3357984	.3767272	0.89	0.373	-.4026191	1.074216
DR12TKCAL	-.0000581	.0001763	-0.33	0.742	-.0004063	.0002901
DASH_TOTAL_SCORE	.0455587	.1132411	0.40	0.688	-.177954	.2690714
PHYSICAL_days_average	-.0000482	.0000499	-0.97	0.334	-.0001459	.0000496
invmills	.0671312	.0268013	2.50	0.012	.0146016	.1196607

Multiple-imputation estimates — Imputations = **5**
Cox regression: Breslow method for ties — Number of obs = **2,070**
Average RVI = **0.0416**
Largest FMI = **0.1629**
DF adjustment: **Large sample** — DF: min = **170.48**
avg = **831,906.90**
max = **7835762.18**
Model F test: **Equal FMI** — F(**24,55351.6**) = **6.56**
Within VCE type: **Robust** — Prob > F = **0.0000**

(Within VCE adjusted for **2,070** clusters in **SEQN**)

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zSBP	**-.1021812**	**.236089**	**-0.43**	**0.666**	**-.5674546**	**.3630923**
ZLNNFL	**.663399**	**.1129552**	**5.87**	**0.000**	**.4420062**	**.8847919**
c.zSBP#c.ZLNNFL	**.0387133**	**.0929992**	**0.42**	**0.677**	**-.1439941**	**.2214206**
AGE	**-.1075472**	**.0769228**	**-1.40**	**0.162**	**-.2583131**	**.0432188**
SEX	**.0746916**	**.3022457**	**0.25**	**0.805**	**-.517715**	**.6670982**
RACE_ETHNg2	**.1332096**	**.37009**	**0.36**	**0.719**	**-.5922134**	**.8586325**
RACE_ETHNg3	**-.8087748**	**.4465266**	**-1.81**	**0.070**	**-1.683957**	**.0664071**
RACE_ETHNg4	**-.1995079**	**.4514648**	**-0.44**	**0.659**	**-1.084365**	**.6853494**
PIRg2	**-.2516084**	**.3090924**	**-0.81**	**0.416**	**-.8591196**	**.3559029**
PIRg3	**-1.757361**	**.4443049**	**-3.96**	**0.000**	**-2.632057**	**-.882665**
MARRIED_LIVP	**.5367757**	**.3086324**	**1.74**	**0.082**	**-.0682607**	**1.141812**
HOUSEHOLDSIZE	**-.0781032**	**.0963406**	**-0.81**	**0.418**	**-.2669273**	**.1107208**
EDUCATIONg2	**-.2484145**	**.6170771**	**-0.40**	**0.687**	**-1.458654**	**.9618252**
EDUCATIONg3	**.5071266**	**.5314229**	**0.95**	**0.340**	**-.5359006**	**1.550154**
EDUCATIONg4	**.4791234**	**.5045231**	**0.95**	**0.342**	**-.5107617**	**1.469008**
EDUCATIONg5	**1.16257**	**.6073545**	**1.91**	**0.056**	**-.0286937**	**2.353834**
SMOKEg2	**.7598385**	**.3855195**	**1.97**	**0.049**	**.0042284**	**1.515449**
SMOKEg3	**.9983151**	**.3598357**	**2.77**	**0.006**	**.2930321**	**1.703598**
ALCOHOLg2	**-.3875644**	**.3716843**	**-1.04**	**0.297**	**-1.11635**	**.3412214**
DRUG_USER_EVER	**.2454016**	**.3626711**	**0.68**	**0.499**	**-.4654492**	**.9562525**
DR12TKCAL	**-.0000482**	**.0001733**	**-0.28**	**0.781**	**-.0003903**	**.0002938**
DASH_TOTAL_SCORE	**.0262828**	**.115013**	**0.23**	**0.819**	**-.1996278**	**.2521933**
PHYSICAL_days_average	**-.0000488**	**.000049**	**-1.00**	**0.319**	**-.0001448**	**.0000472**
invmills	**.0708149**	**.0258241**	**2.74**	**0.006**	**.0202005**	**.1214292**

Multiple-imputation estimates — Imputations = **5**
Cox regression: Breslow method for ties — Number of obs = **2,070**
Average RVI = **0.0747**
Largest FMI = **0.3865**
DF adjustment: **Large sample** — DF: min = **32.65**
avg = **637,949.12**
max = **1.08e+07**
Model F test: **Equal FMI** — F(**24,18306.4**) = **5.93**
Within VCE type: **Robust** — Prob > F = **0.0000**

(Within VCE adjusted for **2,070** clusters in **SEQN**)

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zDBP	**-.0923531**	**.2243432**	**-0.41**	**0.683**	**-.5489701**	**.3642639**
ZLNNFL	**.6660156**	**.1075009**	**6.20**	**0.000**	**.4553142**	**.876717**
c.zDBP#c.ZLNNFL	**.0842238**	**.0954046**	**0.88**	**0.378**	**-.1033578**	**.2718054**
AGE	**-.1104927**	**.0747846**	**-1.48**	**0.140**	**-.2570678**	**.0360824**
SEX	**.0381177**	**.2952617**	**0.13**	**0.897**	**-.5406146**	**.61685**
RACE_ETHNg2	**.088776**	**.3356697**	**0.26**	**0.791**	**-.5691617**	**.7467137**
RACE_ETHNg3	**-.8181685**	**.4486633**	**-1.82**	**0.068**	**-1.697596**	**.0612587**
RACE_ETHNg4	**-.2829759**	**.4434358**	**-0.64**	**0.523**	**-1.152104**	**.5861525**
PIRg2	**-.1844413**	**.2844416**	**-0.65**	**0.517**	**-.7431577**	**.3742751**
PIRg3	**-1.700001**	**.441657**	**-3.85**	**0.000**	**-2.570336**	**-.8296666**
MARRIED_LIVP	**.5900855**	**.3189262**	**1.85**	**0.064**	**-.0352809**	**1.215452**
HOUSEHOLDSIZE	**-.0844804**	**.0954006**	**-0.89**	**0.376**	**-.2714665**	**.1025057**
EDUCATIONg2	**-.2680068**	**.6204395**	**-0.43**	**0.666**	**-1.484938**	**.9489245**
EDUCATIONg3	**.4522127**	**.5413066**	**0.84**	**0.404**	**-.6099218**	**1.514347**
EDUCATIONg4	**.4421849**	**.5027653**	**0.88**	**0.379**	**-.5445039**	**1.428874**
EDUCATIONg5	**1.146289**	**.6111126**	**1.88**	**0.061**	**-.0523472**	**2.344925**
SMOKEg2	**.7812829**	**.3863071**	**2.02**	**0.043**	**.0241342**	**1.538432**
SMOKEg3	**1.03002**	**.3763797**	**2.74**	**0.006**	**.2921539**	**1.767886**
ALCOHOLg2	**-.3694341**	**.3711081**	**-1.00**	**0.320**	**-1.097112**	**.3582441**
DRUG_USER_EVER	**.2910812**	**.3771724**	**0.77**	**0.440**	**-.4481933**	**1.030356**
DR12TKCAL	**-.0000693**	**.0001696**	**-0.41**	**0.683**	**-.0004053**	**.0002666**
DASH_TOTAL_SCORE	**.0334969**	**.1184027**	**0.28**	**0.777**	**-.1994043**	**.2663981**
PHYSICAL_days_average	**-.0000507**	**.0000499**	**-1.02**	**0.310**	**-.0001485**	**.0000471**
invmills	**.0736019**	**.0257836**	**2.85**	**0.004**	**.0230658**	**.1241379**

Multiple-imputation estimates
Cox regression: Breslow method for ties

DF adjustment: **Large sample**

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

Imputations = **5**
Number of obs = **2,070**
Average RVI = **0.0303**
Largest FMI = **0.1489**
DF: min = **202.56**
avg = **505,643.25**
max = **3947841.58**
F(**24,101852.4**) = **6.18**
Prob > F = **0.0000**

(Within VCE adjusted for **2,070** clusters in **SEQN**)

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zTOTALCHOLESTEROLSIP	**-.4159562**	**.1884162**	**-2.21**	**0.027**	**-.7852602**	**-.0466523**
ZLNNFL	**.7157046**	**.1390139**	**5.15**	**0.000**	**.4432379**	**.9881713**
c.zTOTALCHOLESTEROLSIP#c.ZLNNFL	**.1311049**	**.1033005**	**1.27**	**0.204**	**-.0713768**	**.3335866**
AGE	**-.1099276**	**.0767617**	**-1.43**	**0.152**	**-.260378**	**.0405228**
SEX	**.188357**	**.3246906**	**0.58**	**0.562**	**-.4480424**	**.8247564**
RACE_ETHNg2	**.0380146**	**.3325208**	**0.11**	**0.909**	**-.6137172**	**.6897464**
RACE_ETHNg3	**-.8101989**	**.4465131**	**-1.81**	**0.070**	**-1.685379**	**.0649813**
RACE_ETHNg4	**-.2515944**	**.4624051**	**-0.54**	**0.586**	**-1.157895**	**.6547063**
PIRg2	**-.2111587**	**.2906342**	**-0.73**	**0.468**	**-.7817292**	**.3594117**
PIRg3	**-1.715823**	**.4505137**	**-3.81**	**0.000**	**-2.601518**	**-.8301274**
MARRIED_LIVP	**.5328486**	**.294481**	**1.81**	**0.070**	**-.0444207**	**1.110118**
HOUSEHOLDSIZE	**-.0918158**	**.0958455**	**-0.96**	**0.338**	**-.2796696**	**.096038**
EDUCATIONg2	**-.3078618**	**.6032837**	**-0.51**	**0.610**	**-1.490601**	**.8748774**
EDUCATIONg3	**.4311253**	**.528973**	**0.82**	**0.415**	**-.6061862**	**1.468437**
EDUCATIONg4	**.4254138**	**.4998497**	**0.85**	**0.395**	**-.5549487**	**1.405776**

EDUCATIONg5	1.142998	.6156826	1.86	0.063	-.0642342	2.350231
SMOKEg2	.7700905	.3935153	1.96	0.050	-.0011892	1.54137
SMOKEg3	.9376776	.340783	2.75	0.006	.2697452	1.60561
ALCOHOLg2	-.3535758	.3603939	-0.98	0.327	-1.060327	.3531753
DRUG_USER_EVER	.280873	.3681881	0.76	0.446	-.4407985	1.002544
DR12TKCAL	-.0000207	.0001685	-0.12	0.902	-.0003529	.0003115
DASH_TOTAL_SCORE	.0433526	.1154807	0.38	0.708	-.1836721	.2703773
PHYSICAL_days_average	-.0000479	.0000471	-1.02	0.308	-.0001402	.0000443
invmills	.0758607	.0272026	2.79	0.005	.0225446	.1291768

Multiple-imputation estimates — Imputations = 5
Cox regression: Breslow method for ties — Number of obs = 2,070
Average RVI = 0.0346
Largest FMI = 0.1959
DF adjustment: **Large sample** — DF: min = 119.94
avg = 2346482.69
max = 4.95e+07
Model F test: **Equal FMI** — F(24,78936.4) = 7.57
Within VCE type: **Robust** — Prob > F = 0.0000

(Within VCE adjusted for **2,070** clusters in **SEQN**)

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zHBA1C	-.001578	.1260057	-0.01	0.990	-.2485587	.2454028
ZLNNFL	.5718071	.1164074	4.91	0.000	.3436489	.7999653
c.zHBA1C#c.ZLNNFL	.1274284	.052114	2.45	0.014	.0252855	.2295713
AGE	-.1062285	.0745057	-1.43	0.154	-.252257	.0398
SEX	.1966389	.310786	0.63	0.527	-.4125096	.8057874
RACE_ETHNg2	.0901383	.3310764	0.27	0.785	-.5587692	.7390457
RACE_ETHNg3	-.9439133	.4710318	-2.00	0.045	-1.867129	-.0206973
RACE_ETHNg4	-.7516049	.631266	-1.19	0.234	-1.98887	.4856599
PIRg2	-.0723588	.3021685	-0.24	0.811	-.6654596	.5207419
PIRg3	-1.59218	.4240924	-3.75	0.000	-2.426453	-.7579069
MARRIED_LIVP	.4969897	.3020413	1.65	0.100	-.0950602	1.08904
HOUSEHOLDSIZE	-.1324279	.1048334	-1.26	0.207	-.3378975	.0730417
EDUCATIONg2	-.1101144	.6559698	-0.17	0.867	-1.396111	1.175882
EDUCATIONg3	.6103667	.5686303	1.07	0.283	-.5045721	1.725305
EDUCATIONg4	.6045147	.5441264	1.11	0.267	-.4622727	1.671302
EDUCATIONg5	1.220949	.6493039	1.88	0.060	-.0519553	2.493852
SMOKEg2	.8240011	.3896186	2.11	0.034	.06036	1.587642
SMOKEg3	1.067855	.3489594	3.06	0.002	.3838955	1.751814
ALCOHOLg2	-.5407897	.3700291	-1.46	0.144	-1.26642	.1848405
DRUG_USER_EVER	.4326994	.3901369	1.11	0.267	-.3319776	1.197377
DR12TKCAL	-.000044	.0001853	-0.24	0.813	-.0004109	.0003229
DASH_TOTAL_SCORE	.0516279	.1158171	0.45	0.656	-.1762007	.2794565
PHYSICAL_days_average	-.0000434	.0000506	-0.86	0.391	-.0001425	.0000558
invmills	.0684415	.0233518	2.93	0.003	.0226726	.1142104

Multiple-imputation estimates — Imputations = 5
Cox regression: Breslow method for ties — Number of obs = 2,070
Average RVI = 0.0632
Largest FMI = 0.2258
DF adjustment: **Large sample** — DF: min = 91.52
avg = 84,168.44
max = 811,026.39
Model F test: **Equal FMI** — F(24,25039.3) = 7.07
Within VCE type: **Robust** — Prob > F = 0.0000

(Within VCE adjusted for **2,070** clusters in **SEQN**)

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zLnACR	.2319277	.1812243	1.28	0.201	-.123351	.5872063
ZLNNFL	.5379742	.117236	4.59	0.000	.3076686	.7682797
c.zLnACR#c.ZLNNFL	.1342422	.1058295	1.27	0.205	-.0733822	.3418666
AGE	-.1267509	.075305	-1.68	0.092	-.2743471	.0208453
SEX	.1654323	.3278235	0.50	0.614	-.4771833	.808048
RACE_ETHNg2	.0501063	.3590227	0.14	0.889	-.6535693	.7537819
RACE_ETHNg3	-1.062085	.4906241	-2.16	0.030	-2.02373	-.100441
RACE_ETHNg4	-.4000292	.4693628	-0.85	0.394	-1.320403	.520344
PIRg2	-.0929256	.3026513	-0.31	0.759	-.6872823	.5014312
PIRg3	-1.546034	.4579555	-3.38	0.001	-2.450631	-.6414365
MARRIED_LIVP	.4904395	.2989231	1.64	0.101	-.0955153	1.076394
HOUSEHOLDSIZE	-.1199546	.0998567	-1.20	0.230	-.3156723	.0757631
EDUCATIONg2	-.2350577	.6712654	-0.35	0.726	-1.550975	1.080859
EDUCATIONg3	.4266289	.5812602	0.73	0.463	-.7128784	1.566136
EDUCATIONg4	.417778	.5698553	0.73	0.463	-.6991882	1.534744
EDUCATIONg5	.9737144	.6576285	1.48	0.139	-.3158985	2.263327
SMOKEg2	.7583003	.3821899	1.98	0.047	.0091864	1.507414
SMOKEg3	.9046649	.3648542	2.48	0.013	.1895366	1.619793
ALCOHOLg2	-.4399663	.3710594	-1.19	0.236	-1.167815	.2878828
DRUG_USER_EVER	.3708083	.3683752	1.01	0.314	-.3512748	1.092891
DR12TKCAL	-7.56e-06	.0001794	-0.04	0.966	-.0003638	.0003487
DASH_TOTAL_SCORE	.0117356	.1185472	0.10	0.921	-.2211104	.2445816
PHYSICAL_days_average	-.0000428	.0000472	-0.91	0.364	-.0001354	.0000497
invmills	.0736047	.0234841	3.13	0.002	.0275767	.1196328

Multiple-imputation estimates — Imputations = **5**
Cox regression: Breslow method for ties — Number of obs = **2,070**
Average RVI = **0.0347**
Largest FMI = **0.1878**
DF adjustment: **Large sample** — DF: min = **130.05**
avg = **468,490.79**
max = **3971124.85**
Model F test: **Equal FMI** — F(**24,78337.6**) = **6.98**
Within VCE type: **Robust** — Prob > F = **0.0000**

(Within VCE adjusted for **2,070** clusters in **SEQN**)

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zVitaminD_serum	-.3009004	.1519301	-1.98	0.048	-.5986794	-.0031214
ZLNNFL	.6885284	.1179213	5.84	0.000	.457398	.9196587
c.zVitaminD_serum#c.ZLNNFL	-.0307024	.0762187	-0.40	0.687	-.1800935	.1186887
AGE	-.1118951	.075459	-1.48	0.138	-.2597921	.036002
SEX	.3233983	.329649	0.98	0.327	-.3228208	.9696174
RACE_ETHNg2	-.1153383	.3655819	-0.32	0.752	-.8318701	.6011935
RACE_ETHNg3	-.8794311	.4535145	-1.94	0.052	-1.768328	.0094662
RACE_ETHNg4	-.1846444	.4403271	-0.42	0.675	-1.047673	.6783846
PIRg2	-.2778838	.295578	-0.94	0.348	-.8585197	.3027522
PIRg3	-1.653989	.431824	-3.83	0.000	-2.504144	-.8038349
MARRIED_LIVP	.3486107	.2955074	1.18	0.238	-.2306553	.9278767
HOUSEHOLDSIZE	-.1158336	.0983151	-1.18	0.239	-.3085277	.0768605
EDUCATIONg2	-.3141641	.6275965	-0.50	0.617	-1.544506	.9161776
EDUCATIONg3	.4056483	.5528916	0.73	0.463	-.6784105	1.489707
EDUCATIONg4	.3690161	.5214009	0.71	0.479	-.6532695	1.391302

EDUCATIONg5	1.028325	.6297562	1.63	0.103	-.2062634	2.262914
SMOKEg2	.8014785	.3900717	2.05	0.040	.0369438	1.566013
SMOKEg3	.8990395	.3516681	2.56	0.011	.2097735	1.588306
ALCOHOLg2	-.4834288	.3736369	-1.29	0.196	-1.216417	.2495592
DRUG_USER_EVER	.2712784	.3481661	0.78	0.436	-.4111467	.9537036
DR12TKCAL	4.43e-06	.0001709	0.03	0.979	-.0003337	.0003426
DASH_TOTAL_SCORE	.0447818	.1098161	0.41	0.684	-.170896	.2604596
PHYSICAL_days_average	-.0000372	.0000417	-0.89	0.372	-.0001188	.0000445
invmills	.0734952	.0249832	2.94	0.003	.024529	.1224615

Multiple-imputation estimates — Imputations = 5
Cox regression: Breslow method for ties — Number of obs = 2,070
Average RVI = 0.0363
Largest FMI = 0.2149
DF adjustment: **Large sample** — DF: min = 100.54
avg = 250,220.84
max = 3187397.03
Model F test: **Equal FMI** — F(24,72154.0) = 7.15
Within VCE type: **Robust** — Prob > F = 0.0000

(Within VCE adjusted for **2,070** clusters in **SEQN**)

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zfolate_RBCSI	.1602261	.0997171	1.61	0.108	-.0352314	.3556835
ZLNNFL	.7056844	.1099879	6.42	0.000	.4901077	.9212611
c.zfolate_RBCSI#c.ZLNNFL	-.1294071	.0888419	-1.46	0.145	-.3035571	.044743
AGE	-.1137247	.0786521	-1.45	0.148	-.2678803	.0404309
SEX	.0663572	.3007466	0.22	0.825	-.5231438	.6558582
RACE_ETHNg2	.1195111	.3453188	0.35	0.729	-.5573059	.796328
RACE_ETHNg3	-.7718773	.4479699	-1.72	0.085	-1.649914	.1061597
RACE_ETHNg4	-.2018376	.4385546	-0.46	0.645	-1.0614	.6577249
PIRg2	-.2188511	.301254	-0.73	0.468	-.8103933	.372691
PIRg3	-1.704078	.4410368	-3.86	0.000	-2.571886	-.836269
MARRIED_LIVP	.6047843	.3162936	1.91	0.056	-.0152492	1.224818
HOUSEHOLDSIZE	-.0836059	.0974749	-0.86	0.391	-.2746535	.1074417
EDUCATIONg2	-.2427558	.615428	-0.39	0.693	-1.449343	.9638318
EDUCATIONg3	.4962475	.535057	0.93	0.354	-.5530481	1.545543
EDUCATIONg4	.4703606	.5040547	0.93	0.351	-.5182883	1.45901
EDUCATIONg5	1.124258	.6177351	1.82	0.069	-.0869775	2.335493
SMOKEg2	.7761288	.3779715	2.05	0.040	.0353043	1.516953
SMOKEg3	1.050211	.3537593	2.97	0.003	.3568425	1.74358
ALCOHOLg2	-.3755084	.3787651	-0.99	0.322	-1.118303	.3672858
DRUG_USER_EVER	.2219565	.3680076	0.60	0.546	-.4993797	.9432927
DR12TKCAL	-.0000421	.0001768	-0.24	0.812	-.0003928	.0003087
DASH_TOTAL_SCORE	.0271694	.1177498	0.23	0.818	-.204383	.2587218
PHYSICAL_days_average	-.0000465	.0000474	-0.98	0.326	-.0001395	.0000464
invmills	.0703989	.0260759	2.70	0.007	.0192909	.1215069

Multiple-imputation estimates — Imputations = 5
Cox regression: Breslow method for ties — Number of obs = 2,070
Average RVI = 0.0447
Largest FMI = 0.1887
DF adjustment: **Large sample** — DF: min = 128.90
avg = 1104601.56
max = 1.21e+07
Model F test: **Equal FMI** — F(24,48259.5) = 7.56
Within VCE type: **Robust** — Prob > F = 0.0000

(Within VCE adjusted for **2,070** clusters in **SEQN**)

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zvitaminb12_serumsi	.0220728	.0836039	0.26	0.792	-.142313	.1864586
ZLNNFL	.5861261	.124546	4.71	0.000	.3420173	.8302349
c.zvitaminb12_serumsi#c.ZLNNFL	.1727159	.065289	2.65	0.008	.0446652	.3007667
AGE	-.1311028	.0752814	-1.74	0.082	-.2786517	.0164461
SEX	.0196231	.292479	0.07	0.947	-.553685	.5929312
RACE_ETHNg2	.109703	.3442159	0.32	0.750	-.5649519	.7843578
RACE_ETHNg3	-.813295	.4543517	-1.79	0.073	-1.703838	.0772486
RACE_ETHNg4	-.1778309	.4760102	-0.37	0.709	-1.110799	.7551374
PIRg2	-.2501324	.3025943	-0.83	0.409	-.8439301	.3436653
PIRg3	-1.829604	.45109	-4.06	0.000	-2.716245	-.9429626
MARRIED_LIVP	.5414692	.3011795	1.80	0.072	-.0488841	1.131823
HOUSEHOLDSIZE	-.0738924	.0989372	-0.75	0.455	-.2678058	.120021
EDUCATIONg2	-.2980192	.6168316	-0.48	0.629	-1.507391	.9113525
EDUCATIONg3	.505421	.5387271	0.94	0.348	-.5510367	1.561879
EDUCATIONg4	.4136897	.5217011	0.79	0.428	-.6092925	1.436672
EDUCATIONg5	1.238734	.60321	2.05	0.040	.0560246	2.421444
SMOKEg2	.6995662	.3771047	1.86	0.064	-.0395532	1.438686
SMOKEg3	1.04917	.3607424	2.91	0.004	.3421123	1.756228
ALCOHOLg2	-.326515	.3908472	-0.84	0.404	-1.093468	.4404381
DRUG_USER_EVER	.0774106	.3393492	0.23	0.820	-.5877436	.7425647
DR12TKCAL	-6.34e-06	.0001684	-0.04	0.970	-.0003395	.0003269
DASH_TOTAL_SCORE	-.004409	.1230798	-0.04	0.971	-.2461314	.2373133
PHYSICAL_days_average	-.0000479	.0000471	-1.02	0.309	-.0001401	.0000443
invmills	.0666357	.0264731	2.52	0.012	.0147493	.118522

Multiple-imputation estimates — Imputations = **5**
Cox regression: Breslow method for ties — Number of obs = **2,070**
Average RVI = **0.0316**
Largest FMI = **0.1826**
DF adjustment: **Large sample** — DF: min = **137.16**
avg = **2430370.69**
max = **3.59e+07**
Model F test: **Equal FMI** — F(**24,93859.1**) = **6.43**
Within VCE type: **Robust** — Prob > F = **0.0000**

(Within VCE adjusted for **2,070** clusters in **SEQN**)

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
CVD_CANCER_HISTORY	1.007066	.3665851	2.75	0.006	.2885722	1.72556
ZLNNFL	.8613743	.1398084	6.16	0.000	.5873545	1.135394
c.CVD_CANCER_HISTORY#c.ZLNNFL	-.6013124	.217385	-2.77	0.006	-1.027379	-.1752456
AGE	-.1100275	.0741105	-1.48	0.138	-.2552816	.0352265
SEX	.2226458	.3310069	0.67	0.501	-.426148	.8714396
RACE_ETHNg2	.1720587	.3337185	0.52	0.606	-.4820255	.8261428
RACE_ETHNg3	-.7779023	.4490975	-1.73	0.083	-1.658148	.1023439
RACE_ETHNg4	-.2119677	.460564	-0.46	0.645	-1.114684	.690749
PIRg2	-.2639254	.2859895	-0.92	0.356	-.8255131	.2976624
PIRg3	-1.783508	.454113	-3.93	0.000	-2.676965	-.8900508
MARRIED_LIVP	.4833195	.308161	1.57	0.117	-.1207804	1.087419
HOUSEHOLDSIZE	-.1047059	.0940828	-1.11	0.266	-.2891048	.0796931
EDUCATIONg2	-.215857	.6181444	-0.35	0.727	-1.427657	.9959429
EDUCATIONg3	.3918143	.5432392	0.72	0.471	-.6733906	1.457019
EDUCATIONg4	.4343989	.5082559	0.85	0.393	-.5624277	1.431226

EDUCATIONg5	1.120094	.6359648	1.76	0.078	-.1268382	2.367027
SMOKEg2	.9241595	.3893744	2.37	0.018	.1609603	1.687359
SMOKEg3	.9658488	.3333576	2.90	0.004	.312476	1.619222
ALCOHOLg2	-.4345823	.3686103	-1.18	0.238	-1.157105	.2879408
DRUG_USER_EVER	.1533886	.3379853	0.45	0.650	-.5090693	.8158465
DR12TKCAL	-.0000147	.0001711	-0.09	0.932	-.0003531	.0003237
DASH_TOTAL_SCORE	.0121244	.1170434	0.10	0.918	-.2178786	.2421274
PHYSICAL_days_average	-.0000484	.0000464	-1.04	0.297	-.0001393	.0000425
invmills	.0735579	.0263654	2.79	0.005	.0218818	.125234

Multiple-imputation estimates — Imputations = 5
Cox regression: Breslow method for ties — Number of obs = 2,070
Average RVI = 0.0342
Largest FMI = 0.2164
DF adjustment: **Large sample** — DF: min = 99.21
avg = 1645557.44
max = 2.19e+07
Model F test: **Equal FMI** — F(24,80652.7) = 6.89
Within VCE type: **Robust** — Prob > F = 0.0000

(Within VCE adjusted for **2,070** clusters in **SEQN**)

_t	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
SELF_RATED_HEALTHg	.7260089	.4035206	1.80	0.072	-.064902	1.51692
ZLNNFL	.4975884	.148552	3.35	0.001	.2064133	.7887635
c.SELF_RATED_HEALTHg#c.ZLNNFL	.1825791	.1939661	0.94	0.347	-.1976432	.5628013
AGE	-.1171794	.0737695	-1.59	0.112	-.2617649	.0274061
SEX	.0507403	.3008058	0.17	0.866	-.5389248	.6404054
RACE_ETHNg2	.0396034	.3366387	0.12	0.906	-.6202123	.6994191
RACE_ETHNg3	-.9449858	.4603533	-2.05	0.040	-1.84735	-.0426216
RACE_ETHNg4	-.3151035	.4593386	-0.69	0.493	-1.215405	.5851978
PIRg2	-.2301248	.2943582	-0.78	0.434	-.8076421	.3473926
PIRg3	-1.483741	.4607029	-3.22	0.001	-2.388959	-.5785236
MARRIED_LIVP	.51864	.2977706	1.74	0.082	-.0650066	1.102287
HOUSEHOLDSIZE	-.0962612	.0978779	-0.98	0.325	-.2880984	.095576
EDUCATIONg2	-.3990575	.6483555	-0.62	0.538	-1.669877	.8717622
EDUCATIONg3	.4860893	.5470408	0.89	0.374	-.5862404	1.558419
EDUCATIONg4	.5064197	.529191	0.96	0.339	-.5308805	1.54372
EDUCATIONg5	1.202926	.6312269	1.91	0.057	-.0343738	2.440226
SMOKEg2	.8438086	.3829115	2.20	0.028	.0933151	1.594302
SMOKEg3	.8755522	.3371367	2.60	0.009	.2147711	1.536333
ALCOHOLg2	-.4370638	.3713224	-1.18	0.239	-1.165729	.2916012
DRUG_USER_EVER	.1811524	.3471516	0.52	0.602	-.4992707	.8615755
DR12TKCAL	-.0000335	.0001811	-0.19	0.853	-.0003928	.0003257
DASH_TOTAL_SCORE	.0125361	.1202757	0.10	0.917	-.2236609	.2487331
PHYSICAL_days_average	-.0000461	.0000456	-1.01	0.312	-.0001355	.0000433
invmills	.0699108	.0232548	3.01	0.003	.0243297	.1154918

```
15 .
16 .
17 .
18 . capture drop *bin

19 . foreach x of varlist zBMI zSBP zDBP zTOTALCHOLESTEROLSIP zHBA1C zLnACR zVitaminD_serum zfolate_RBCSI zvitaminb1
  2.         xtile `x'bin=`x', nq(2)
  3. }

20 .
21 .
22 .
23 .
24 .
25 . keep if ZLNNFLbin~=.
(48,624 observations deleted)

26 . save finaldata_imputed_full, replace
file finaldata_imputed_full.dta saved

27 .
28 .
29 .
30 . foreach x of varlist zBMIbin zSBPbin zDBPbin zTOTALCHOLESTEROLSIPbin zHBA1Cbin zLnACRbin zVitaminD_serumbin zfo
  2.         mi xeq 1: reri stcox  ZLNNFLbin `x' SEX  AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED
> DRUG_USER_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills
  3. }

m=1 data:
-> reri stcox ZLNNFLbin zBMIbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDSIZ
> TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting stcox ...

Interaction of ZLNNFLbin and zBMIbin on an additive scale, adjusted for covariates

Model: Cox proportional hazards                Number of observations = 2,070

   ZLNNFLbin#
     zBMIbin
        - +    1 2
        + -    2 1
        + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zBMIbin						
- +	**.8763854**	**1.189122**	**0.99**	**0.321**	**-.4581366**	**5.49762**
+ -	**1.586054**	**1.448558**	**1.70**	**0.090**	**-.1373324**	**6.752319**
+ +	**2.647071**	**2.058836**	**2.29**	**0.022**	**.2062178**	**10.02713**
RERI	**.1846312**	**1.168478**	**0.16**	**0.874**	**-2.105544**	**2.474807**
Attr. prop.	**.0506245**	**.3235404**	**0.16**	**0.876**	**-.583503**	**.684752**
Synergy ind.	**1.074979**	**.5180428**	**0.15**	**0.881**	**.4180206**	**2.764409**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=1 data:
-> **reri stcox ZLNNFLbin zSBPbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDSIZ**
> TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zSBPbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
   ZLNNFLbin#
     zSBPbin
        - +    1 2
        + -    2 1
        + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zSBPbin						
- +	**.0339892**	**.6073061**	**0.06**	**0.955**	**-.672984**	**2.269362**
+ -	**1.586486**	**1.433764**	**1.71**	**0.086**	**-.1273012**	**6.665771**
+ +	**1.014838**	**1.068477**	**1.32**	**0.186**	**-.2874021**	**4.696864**
RERI	**-.6056366**	**1.100157**	**-0.55**	**0.582**	**-2.761904**	**1.550631**
Attr. prop.	**-.3005882**	**.4850586**	**-0.62**	**0.535**	**-1.251286**	**.6501091**
Synergy ind.	**.6262598**	**.367748**	**-0.80**	**0.425**	**.1981152**	**1.979663**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=1 data:
-> **reri stcox ZLNNFLbin zDBPbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDSIZ**
> TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zDBPbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
   ZLNNFLbin#
     zDBPbin
        - +    1 2
        + -    2 1
        + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zDBPbin						
- +	**-.2664594**	**.4566631**	**-0.50**	**0.619**	**-.7834731**	**1.485058**
+ -	**.9248366**	**.9887039**	**1.27**	**0.202**	**-.2966539**	**4.267671**
+ +	**.8145114**	**.8682878**	**1.25**	**0.213**	**-.2897045**	**3.635326**
RERI	**.1561341**	**.7240717**	**0.22**	**0.829**	**-1.26302**	**1.575289**
Attr. prop.	**.0860475**	**.4137527**	**0.21**	**0.835**	**-.724893**	**.8969879**
Synergy ind.	**1.23715**	**1.488198**	**0.18**	**0.860**	**.1170823**	**13.07234**

Notes: P>|z| for synergy index (SI) is for test H0: SI = 1.

Some estimates of excess relative risk are not positive.

m=1 data:
-> **reri stcox ZLNNFLbin zTOTALCHOLESTEROLSIPbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_L**
> G_USER_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zTOTALCHOLESTEROLSIPbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

ZLNNFLbin#
zTOTALCHOLESTEROLSIPbin
- + 1 2
+ - 2 1
+ + 2 2

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zTOTALCHOLESTEROLSIPbin						
- +	**-.6241032**	**.2502473**	**-1.47**	**0.142**	**-.8980482**	**.3859337**
+ -	**.5208848**	**.7335363**	**0.87**	**0.385**	**-.4090453**	**2.914159**
+ +	**.2132335**	**.5571939**	**0.42**	**0.674**	**-.5068051**	**1.98449**
RERI	**.3164519**	**.549161**	**0.58**	**0.564**	**-.7598838**	**1.392788**
Attr. prop.	**.2608335**	**.4953304**	**0.53**	**0.598**	**-.7099963**	**1.231663**
Synergy ind.	**-2.065847**	.	.	.	.	.

Notes: P>|z| for synergy index (SI) is for test H0: SI = 1.
Some estimates of excess relative risk are not positive.

m=1 data:
-> **reri stcox ZLNNFLbin zHBA1Cbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDS**
> 12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zHBA1Cbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

ZLNNFLbin#
zHBA1Cbin
- + 1 2
+ - 2 1
+ + 2 2

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zHBA1Cbin						
- +	**.6439962**	**1.107294**	**0.74**	**0.460**	**-.5608788**	**5.154847**
+ -	**1.384336**	**1.467145**	**1.41**	**0.158**	**-.2861605**	**6.964058**
+ +	**2.265573**	**2.10384**	**1.84**	**0.066**	**-.0762082**	**10.54369**
RERI	**.2372406**	**1.070158**	**0.22**	**0.825**	**-1.86023**	**2.334712**
Attr. prop.	**.072649**	**.3340303**	**0.22**	**0.828**	**-.5820384**	**.7273365**

Synergy ind.	**1.116963**	**.6093419**	**0.20**	**0.839**	**.383424**	**3.253858**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=1 data:
-> **reri stcox ZLNNFLbin zLnACRbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDS**
> 12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zLnACRbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
   ZLNNFLbin#
   zLnACRbin
        - +    1 2
        + -    2 1
        + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zLnACRbin						
- +	**.0852125**	**.6477525**	**0.14**	**0.891**	**-.6631465**	**2.496137**
+ -	**.2070213**	**.6541094**	**0.35**	**0.728**	**-.5827162**	**2.49139**
+ +	**2.447427**	**1.825749**	**2.34**	**0.019**	**.2209585**	**8.733953**
RERI	**2.155193**	**1.164948**	**1.85**	**0.064**	**-.1280625**	**4.438449**
Attr. prop.	**.6251599**	**.21264**	**2.94**	**0.003**	**.2083932**	**1.041927**
Synergy ind.	**8.374895**	**27.96541**	**0.64**	**0.524**	**.0120407**	**5825.152**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=1 data:
-> **reri stcox ZLNNFLbin zVitaminD_serumbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP H**
> R_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zVitaminD_serumbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
         ZLNNFLbin#
zVitaminD_serumbin
             - +    1 2
             + -    2 1
             + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zVitaminD_serumbin						
- +	**-.1405498**	**.5648892**	**-0.23**	**0.818**	**-.7629974**	**2.116652**
+ -	**2.174341**	**1.541271**	**2.38**	**0.017**	**.2256341**	**7.221409**
+ +	**.152103**	**.6094393**	**0.27**	**0.789**	**-.5914711**	**2.249075**
RERI	**-1.881688**	**1.448973**	**-1.30**	**0.194**	**-4.721623**	**.9582464**
Attr. prop.	**-1.633264**	**.8960655**	**-1.82**	**0.068**	**-3.38952**	**.1229924**
Synergy ind.	**.0747879**	**.2428339**	**-0.80**	**0.425**	**.0001288**	**43.4166**

Notes: P>|z| for synergy index (SI) is for test H0: SI = 1.
Some estimates of excess relative risk are not positive.

m=1 data:
-> **reri stcox ZLNNFLbin zfolate_RBCSIbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOU**
> EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox ...**

Interaction of **ZLNNFLbin** and **zfolate_RBCSIbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

ZLNNFLbin#
zfolate_RBCSIbin
- + 1 2
+ - 2 1
+ + 2 2

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zfolate_RBCSIbin						
- +	**.7418061**	**1.03028**	**0.94**	**0.348**	**-.4535965**	**4.552469**
+ -	**1.8958**	**1.492197**	**2.06**	**0.039**	**.0547437**	**6.950423**
+ +	**2.224283**	**1.595297**	**2.37**	**0.018**	**.2225855**	**7.503293**
RERI	**-.413323**	**1.343633**	**-0.31**	**0.758**	**-3.046795**	**2.220149**
Attr. prop.	**-.1281906**	**.4083237**	**-0.31**	**0.754**	**-.9284903**	**.672109**
Synergy ind.	**.8432962**	**.4203043**	**-0.34**	**0.732**	**.3174942**	**2.239879**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=1 data:
-> **reri stcox ZLNNFLbin zvitaminb12_serumsibin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LI**
> _USER_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox ...**

Interaction of **ZLNNFLbin** and **zvitaminb12_serumsibin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
            ZLNNFLbin#
zvitaminb12_serumsibin
                - +    1 2
                + -    2 1
                + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zvitaminb12_serumsibin						
- +	**.2044553**	**.7521459**	**0.30**	**0.766**	**-.6458061**	**3.095814**
+ -	**1.371071**	**1.209083**	**1.69**	**0.090**	**-.1272491**	**5.441676**
+ +	**1.390943**	**1.277611**	**1.63**	**0.103**	**-.1610697**	**5.814161**
RERI	**-.1845838**	**.9961397**	**-0.19**	**0.853**	**-2.136982**	**1.767814**
Attr. prop.	**-.0772013**	**.4097594**	**-0.19**	**0.851**	**-.880315**	**.7259124**
Synergy ind.	**.8828431**	**.545734**	**-0.20**	**0.840**	**.2628505**	**2.965229**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=1 data:
-> **reri stcox ZLNNFLbin CVD_CANCER_HISTORY SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP H**
> R_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **CVD_CANCER_HISTORY** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
         ZLNNFLbin#
CVD_CANCER_HISTORY
               - +    1 1
               + -    2 0
               + +    2 1
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# CVD_CANCER_HISTORY						
- +	**2.274571**	**2.323975**	**1.67**	**0.095**	**-.185195**	**12.15998**
+ -	**1.747186**	**1.19684**	**2.32**	**0.020**	**.1696429**	**5.452423**
+ +	**2.613215**	**1.739353**	**2.67**	**0.008**	**.4064912**	**8.282195**
RERI	**-1.408542**	**2.317728**	**-0.61**	**0.543**	**-5.951204**	**3.134121**
Attr. prop.	**-.3898306**	**.6434196**	**-0.61**	**0.545**	**-1.65091**	**.8712486**
Synergy ind.	**.6497695**	**.3843926**	**-0.73**	**0.466**	**.2037995**	**2.071646**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=1 data:
-> **reri stcox ZLNNFLbin SELF_RATED_HEALTHg SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP H**
> R_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **SELF_RATED_HEALTHg** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
         ZLNNFLbin#
SELF_RATED_HEALTHg
               - +    1 1
               + -    2 0
               + +    2 1
```

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# SELF_RATED_HEALTHg						
- +	**2.467429**	**2.275461**	**1.89**	**0.058**	**-.041888**	**11.5487**
+ -	**.9810821**	**.9866666**	**1.37**	**0.170**	**-.253609**	**4.258218**
+ +	**4.731368**	**3.246224**	**3.08**	**0.002**	**.8886051**	**16.39304**
RERI	**1.282857**	**2.038693**	**0.63**	**0.529**	**-2.712908**	**5.278622**
Attr. prop.	**.2238308**	**.3207096**	**0.70**	**0.485**	**-.4047484**	**.85241**
Synergy ind.	**1.372003**	**.728131**	**0.60**	**0.551**	**.4848605**	**3.882338**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

```
31 .
32 .
33 . foreach x of varlist zBMIbin zSBPbin zDBPbin zTOTALCHOLESTEROLSIPbin zHBA1Cbin zLnACRbin zVitaminD_serumbin zfo
  2.         mi xeq 2: reri stcox  ZLNNFLbin `x' SEX  AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED
> DRUG_USER_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills
  3. }
```

m=2 data:

-> **reri stcox ZLNNFLbin zBMIbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDSIZ**
> TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zBMIbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
   ZLNNFLbin#
     zBMIbin
        - +    1 2
        + -    2 1
        + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zBMIbin						
- +	**.8699235**	**1.178829**	**0.99**	**0.321**	**-.4564833**	**5.433314**
+ -	**1.60648**	**1.468621**	**1.70**	**0.089**	**-.1361368**	**6.864371**
+ +	**2.72934**	**2.092165**	**2.35**	**0.019**	**.2419569**	**10.19844**
RERI	**.2529356**	**1.195246**	**0.21**	**0.832**	**-2.089703**	**2.595574**
Attr. prop.	**.0678232**	**.3240719**	**0.21**	**0.834**	**-.5673461**	**.7029924**
Synergy ind.	**1.102138**	**.5418855**	**0.20**	**0.843**	**.4204632**	**2.888978**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=2 data:
-> **reri stcox ZLNNFLbin zSBPbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDSIZ**
> TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zSBPbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
   ZLNNFLbin#
     zSBPbin
        - +    1 2
        + -    2 1
        + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zSBPbin						
- +	.1697839	.6913771	0.27	0.791	-.6327006	2.725556
+ -	1.914667	1.642363	1.90	0.058	-.0340562	7.794801
+ +	1.144239	1.173194	1.39	0.163	-.2662486	5.266104
RERI	-.9402116	1.296165	-0.73	0.468	-3.480648	1.600224
Attr. prop.	-.4384826	.5135224	-0.85	0.393	-1.444968	.5680028
Synergy ind.	.5489404	.2929233	-1.12	0.261	.1928904	1.562212

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=2 data:
-> **reri stcox ZLNNFLbin zDBPbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDSIZ**
> TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zDBPbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
   ZLNNFLbin#
     zDBPbin
        - +    1 2
        + -    2 1
        + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zDBPbin						
- +	-.5252561	.3082402	-1.15	0.251	-.8670176	.6948244
+ -	.7374837	.8162734	1.18	0.240	-.3081299	3.363319
+ +	.4709117	.6694639	0.85	0.397	-.3971979	2.589207
RERI	.258684	.6057798	0.43	0.669	-.9286226	1.445991
Attr. prop.	.1758665	.4361639	0.40	0.687	-.6789991	1.030732
Synergy ind.	2.218899	8.087221	0.22	0.827	.0017529	2808.745

Notes: P>|z| for synergy index (SI) is for test H0: SI = 1.

Some estimates of excess relative risk are not positive.

m=2 data:
-> **reri stcox ZLNNFLbin zTOTALCHOLESTEROLSIPbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_L**
> G_USER_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zTOTALCHOLESTEROLSIPbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
             ZLNNFLbin#
zTOTALCHOLESTEROLSIPbin
                 - +    1 2
                 + -    2 1
                 + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zTOTALCHOLESTEROLSIPbin						
- +	**-.6308789**	**.2459268**	**-1.50**	**0.135**	**-.8999871**	**.3623279**
+ -	**.5484823**	**.7484849**	**0.90**	**0.366**	**-.3995682**	**2.993455**
+ +	**.2128224**	**.5538315**	**0.42**	**0.673**	**-.5044371**	**1.968217**
RERI	**.2952191**	**.564516**	**0.52**	**0.601**	**-.8112119**	**1.40165**
Attr. prop.	**.2434149**	**.5051486**	**0.48**	**0.630**	**-.7466582**	**1.233488**
Synergy ind.	**-2.582903**	.	.	.	.	.

Notes: P>|z| for synergy index (SI) is for test H0: SI = 1.
Some estimates of excess relative risk are not positive.

m=2 data:
-> **reri stcox ZLNNFLbin zHBA1Cbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDS**
> 12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zHBA1Cbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
   ZLNNFLbin#
   zHBA1Cbin
        - +    1 2
        + -    2 1
        + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zHBA1Cbin						
- +	**.6301782**	**1.098155**	**0.73**	**0.468**	**-.5646577**	**5.104348**
+ -	**1.376934**	**1.464215**	**1.41**	**0.160**	**-.2893291**	**6.949974**
+ +	**2.375895**	**2.169465**	**1.89**	**0.058**	**-.0419729**	**10.89598**
RERI	**.3687826**	**1.076364**	**0.34**	**0.732**	**-1.740852**	**2.478417**
Attr. prop.	**.10924**	**.3257435**	**0.34**	**0.737**	**-.5292055**	**.7476855**

Synergy ind.	**1.183738**	**.6631266**	**0.30**	**0.763**	**.3948343**	**3.54892**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=2 data:
-> **reri stcox ZLNNFLbin zLnACRbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDS**
> 12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zLnACRbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
   ZLNNFLbin#
   zLnACRbin
        - +    1 2
        + -    2 1
        + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zLnACRbin						
- +	**.05974**	**.6376025**	**0.10**	**0.923**	**-.6741138**	**2.446138**
+ -	**.2891285**	**.6911908**	**0.47**	**0.636**	**-.5492785**	**2.687093**
+ +	**2.37938**	**1.786709**	**2.30**	**0.021**	**.1989441**	**8.525221**
RERI	**2.030511**	**1.110038**	**1.83**	**0.067**	**-.1451228**	**4.206145**
Attr. prop.	**.6008532**	**.2182827**	**2.75**	**0.006**	**.1730269**	**1.028679**
Synergy ind.	**6.820275**	**18.98355**	**0.69**	**0.490**	**.0291453**	**1596.009**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=2 data:
-> **reri stcox ZLNNFLbin zVitaminD_serumbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP H**
> R_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zVitaminD_serumbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
         ZLNNFLbin#
zVitaminD_serumbin
             - +    1 2
             + -    2 1
             + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zVitaminD_serumbin						
- +	**-.1215292**	**.5770895**	**-0.20**	**0.844**	**-.7575893**	**2.183486**
+ -	**2.213453**	**1.560714**	**2.40**	**0.016**	**.2403932**	**7.325006**
+ +	**.1890084**	**.6263367**	**0.33**	**0.742**	**-.5765564**	**2.338676**
RERI	**-1.902915**	**1.466222**	**-1.30**	**0.194**	**-4.776658**	**.9708268**
Attr. prop.	**-1.600422**	**.8839001**	**-1.81**	**0.070**	**-3.332835**	**.1319902**
Synergy ind.	**.0903515**	**.2326582**	**-0.93**	**0.351**	**.0005808**	**14.05429**

Notes: P>|z| for synergy index (SI) is for test H0: SI = 1.
Some estimates of excess relative risk are not positive.

m=2 data:
-> **reri stcox ZLNNFLbin zfolate_RBCSIbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOU**
> EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox ...**

Interaction of **ZLNNFLbin** and **zfolate_RBCSIbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

ZLNNFLbin#
zfolate_RBCSIbin
- + 1 2
+ - 2 1
+ + 2 2

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zfolate_RBCSIbin						
- +	**.7019206**	**.9988619**	**0.91**	**0.365**	**-.4612755**	**4.376651**
+ -	**1.863862**	**1.468889**	**2.05**	**0.040**	**.0480126**	**6.825961**
+ +	**2.284866**	**1.623021**	**2.41**	**0.016**	**.2472311**	**7.651439**
RERI	**-.2809167**	**1.307871**	**-0.21**	**0.830**	**-2.844296**	**2.282463**
Attr. prop.	**-.0855185**	**.3937594**	**-0.22**	**0.828**	**-.8572726**	**.6862357**
Synergy ind.	**.8905142**	**.4483433**	**-0.23**	**0.818**	**.3319633**	**2.388865**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=2 data:
-> **reri stcox ZLNNFLbin zvitaminb12_serumsibin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LI**
> _USER_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox ...**

Interaction of **ZLNNFLbin** and **zvitaminb12_serumsibin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
            ZLNNFLbin#
zvitaminb12_serumsibin
                - +    1 2
                + -    2 1
                + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zvitaminb12_serumsibin						
- +	**.2000902**	**.7552925**	**0.29**	**0.772**	**-.6504583**	**3.120299**
+ -	**1.457729**	**1.246034**	**1.77**	**0.076**	**-.0901148**	**5.638673**
+ +	**1.372201**	**1.274165**	**1.61**	**0.108**	**-.1721513**	**5.797542**
RERI	**-.2856182**	**1.014781**	**-0.28**	**0.778**	**-2.274552**	**1.703315**
Attr. prop.	**-.1204022**	**.4157944**	**-0.29**	**0.772**	**-.9353442**	**.6945397**
Synergy ind.	**.8277145**	**.4894636**	**-0.32**	**0.749**	**.2597335**	**2.637747**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=2 data:
-> **reri stcox ZLNNFLbin CVD_CANCER_HISTORY SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP H**
> R_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **CVD_CANCER_HISTORY** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
         ZLNNFLbin#
CVD_CANCER_HISTORY
               - +    1 1
               + -    2 0
               + +    2 1
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# CVD_CANCER_HISTORY						
- +	**2.449625**	**2.444465**	**1.75**	**0.081**	**-.139808**	**12.83402**
+ -	**1.835895**	**1.228081**	**2.41**	**0.016**	**.2136081**	**5.626771**
+ +	**2.665247**	**1.772708**	**2.69**	**0.007**	**.420421**	**8.457785**
RERI	**-1.620273**	**2.448943**	**-0.66**	**0.508**	**-6.420114**	**3.179568**
Attr. prop.	**-.4420638**	**.67228**	**-0.66**	**0.511**	**-1.759708**	**.8755808**
Synergy ind.	**.6219192**	**.3676006**	**-0.80**	**0.422**	**.1952587**	**1.980877**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=2 data:
-> **reri stcox ZLNNFLbin SELF_RATED_HEALTHg SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP H**
> R_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **SELF_RATED_HEALTHg** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
        ZLNNFLbin#
SELF_RATED_HEALTHg
             - +    1 1
             + -    2 0
             + +    2 1
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# SELF_RATED_HEALTHg						
- +	**2.416648**	**2.230896**	**1.88**	**0.060**	**-.0498128**	**11.28546**
+ -	**1.023962**	**1.005566**	**1.42**	**0.156**	**-.2356378**	**4.359266**
+ +	**4.851629**	**3.287356**	**3.14**	**0.002**	**.9457397**	**16.59822**
RERI	**1.41102**	**2.034941**	**0.69**	**0.488**	**-2.577392**	**5.399431**
Attr. prop.	**.2411328**	**.3087207**	**0.78**	**0.435**	**-.3639486**	**.8462142**
Synergy ind.	**1.410108**	**.7375863**	**0.66**	**0.511**	**.5058403**	**3.930891**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

```
34 .
35 .
36 . foreach x of varlist zBMIbin zSBPbin zDBPbin zTOTALCHOLESTEROLSIPbin zHBA1Cbin zLnACRbin zVitaminD_serumbin zfo
  2.         mi xeq 3: reri stcox  ZLNNFLbin `x' SEX  AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED
> DRUG_USER_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills
  3. }
```

m=3 data:
-> **reri stcox ZLNNFLbin zBMIbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDSIZ**
> TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zBMIbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
   ZLNNFLbin#
     zBMIbin
        - +    1 2
        + -    2 1
        + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zBMIbin						
- +	**.8774228**	**1.168708**	**1.01**	**0.312**	**-.4457781**	**5.359756**
+ -	**1.467183**	**1.373392**	**1.62**	**0.105**	**-.1713563**	**6.345726**
+ +	**2.761298**	**2.083753**	**2.39**	**0.017**	**.2699116**	**10.14043**
RERI	**.4166922**	**1.147496**	**0.36**	**0.717**	**-1.832359**	**2.665743**
Attr. prop.	**.1107842**	**.3088195**	**0.36**	**0.720**	**-.494491**	**.7160593**
Synergy ind.	**1.177724**	**.5916369**	**0.33**	**0.745**	**.4399842**	**3.152462**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=3 data:
-> **reri stcox ZLNNFLbin zSBPbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDSIZ**
> TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zSBPbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
   ZLNNFLbin#
     zSBPbin
        - +    1 2
        + -    2 1
        + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zSBPbin						
- +	-.2050628	.4462334	-0.41	0.683	-.7354451	1.388636
+ -	1.388124	1.229225	1.69	0.091	-.1291911	5.549241
+ +	.6699946	.8398575	1.02	0.308	-.3767862	3.475001
RERI	-.5130667	.944987	-0.54	0.587	-2.365207	1.339074
Attr. prop.	-.3072265	.5116306	-0.60	0.548	-1.310004	.695551
Synergy ind.	.5663228	.4102496	-0.78	0.433	.1369133	2.342516

Notes: P>|z| for synergy index (SI) is for test H0: SI = 1.
Some estimates of excess relative risk are not positive.

m=3 data:
-> **reri stcox ZLNNFLbin zDBPbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDSIZ**
> TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zDBPbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
   ZLNNFLbin#
     zDBPbin
        - +    1 2
        + -    2 1
        + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zDBPbin						
- +	-.606333	.2607442	-1.41	0.159	-.8925174	.4418495
+ -	.515436	.723782	0.87	0.384	-.4057103	2.864354
+ +	.3318274	.6029829	0.63	0.527	-.4516376	2.234657
RERI	.4227244	.5035108	0.84	0.401	-.5641388	1.409587
Attr. prop.	.3174018	.43426	0.73	0.465	-.5337322	1.168536
Synergy ind.	-3.650587	.	.	.	.	.

Notes: P>|z| for synergy index (SI) is for test H0: SI = 1.
Some estimates of excess relative risk are not positive.

m=3 data:
-> **reri stcox ZLNNFLbin zTOTALCHOLESTEROLSIPbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_L**
> G_USER_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zTOTALCHOLESTEROLSIPbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

ZLNNFLbin#
zTOTALCHOLESTEROLSIPbin
- + 1 2
+ - 2 1
+ + 2 2

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zTOTALCHOLESTEROLSIPbin						
- +	**-.625459**	**.2487195**	**-1.48**	**0.139**	**-.898083**	**.3764241**
+ -	**.5185887**	**.7354491**	**0.86**	**0.388**	**-.412233**	**2.923513**
+ +	**.2101021**	**.5520715**	**0.42**	**0.676**	**-.5051339**	**1.959077**
RERI	**.3169724**	**.5571281**	**0.57**	**0.569**	**-.7749786**	**1.408923**
Attr. prop.	**.2619386**	**.5015929**	**0.52**	**0.602**	**-.7211654**	**1.245043**
Synergy ind.	**-1.965954**	.	.	.	.	.

Notes: P>|z| for synergy index (SI) is for test H0: SI = 1.
Some estimates of excess relative risk are not positive.

m=3 data:
-> **reri stcox ZLNNFLbin zHBA1Cbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDS**
> 12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zHBA1Cbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

ZLNNFLbin#
zHBA1Cbin
- + 1 2
+ - 2 1
+ + 2 2

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zHBA1Cbin						
- +	**.7449688**	**1.210725**	**0.80**	**0.422**	**-.5520888**	**5.798036**
+ -	**1.514405**	**1.662787**	**1.39**	**0.163**	**-.3120895**	**8.190487**
+ +	**2.455338**	**2.37237**	**1.81**	**0.071**	**-.1003543**	**12.27118**
RERI	**.1959639**	**1.135018**	**0.17**	**0.863**	**-2.028631**	**2.420559**
Attr. prop.	**.0567134**	**.3347239**	**0.17**	**0.865**	**-.5993334**	**.7127602**
Synergy ind.	**1.086734**	**.562611**	**0.16**	**0.872**	**.3939572**	**2.997762**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=3 data:
-> **reri stcox ZLNNFLbin zLnACRbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDS**
> 12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zLnACRbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

ZLNNFLbin# zLnACRbin	
- +	1 2
+ -	2 1
+ +	2 2

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zLnACRbin						
- +	**.0835788**	**.6453097**	**0.13**	**0.893**	**-.6627595**	**2.48162**
+ -	**.2695597**	**.6763561**	**0.45**	**0.654**	**-.5531346**	**2.606862**
+ +	**2.418345**	**1.810224**	**2.32**	**0.020**	**.2107439**	**8.65116**
RERI	**2.065207**	**1.135291**	**1.82**	**0.069**	**-.1599228**	**4.290336**
Attr. prop.	**.6041539**	**.2129214**	**2.84**	**0.005**	**.1868356**	**1.021472**
Synergy ind.	**6.848149**	**18.54919**	**0.71**	**0.478**	**.0338822**	**1384.121**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=3 data:
-> **reri stcox ZLNNFLbin zVitaminD_serumbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP H**
> R_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zVitaminD_serumbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
        ZLNNFLbin#
zVitaminD_serumbin
              - +    1 2
              + -    2 1
              + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zVitaminD_serumbin						
- +	**-.0909197**	**.5890773**	**-0.15**	**0.883**	**-.7447123**	**2.237238**
+ -	**2.219797**	**1.56944**	**2.40**	**0.016**	**.2385788**	**7.370152**
+ +	**.196507**	**.6309383**	**0.34**	**0.734**	**-.5743405**	**2.36332**
RERI	**-1.93237**	**1.478666**	**-1.31**	**0.191**	**-4.830503**	**.9657621**
Attr. prop.	**-1.615009**	**.8850275**	**-1.82**	**0.068**	**-3.349632**	**.1196126**
Synergy ind.	**.0923055**	**.2289145**	**-0.96**	**0.337**	**.000715**	**11.91732**

Notes: P>|z| for synergy index (SI) is for test H0: SI = 1.
Some estimates of excess relative risk are not positive.

m=3 data:
-> **reri stcox ZLNNFLbin zfolate_RBCSIbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOU**
> EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zfolate_RBCSIbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
       ZLNNFLbin#
zfolate_RBCSIbin
              - +    1 2
              + -    2 1
              + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zfolate_RBCSIbin						
- +	**.7390763**	**1.000862**	**0.96**	**0.336**	**-.4370877**	**4.372749**
+ -	**1.874867**	**1.460574**	**2.08**	**0.038**	**.0620998**	**6.781622**
+ +	**2.25821**	**1.590131**	**2.42**	**0.016**	**.2518729**	**7.480041**
RERI	**-.3557328**	**1.318856**	**-0.27**	**0.787**	**-2.940643**	**2.229178**
Attr. prop.	**-.1091804**	**.3996525**	**-0.27**	**0.785**	**-.8924849**	**.674124**
Synergy ind.	**.8639095**	**.4303453**	**-0.29**	**0.769**	**.3254268**	**2.293418**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=3 data:
-> **reri stcox ZLNNFLbin zvitaminb12_serumsibin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LI**
> _USER_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zvitaminb12_serumsibin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
            ZLNNFLbin#
zvitaminb12_serumsibin
                - +    1 2
                + -    2 1
                + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zvitaminb12_serumsibin						
- +	**.2552832**	**.7769217**	**0.37**	**0.713**	**-.626823**	**3.22249**
+ -	**1.430909**	**1.235749**	**1.75**	**0.081**	**-.1024437**	**5.583785**
+ +	**1.424988**	**1.297518**	**1.66**	**0.098**	**-.1503026**	**5.920777**
RERI	**-.261204**	**1.022875**	**-0.26**	**0.798**	**-2.266002**	**1.743594**
Attr. prop.	**-.1077135**	**.4125884**	**-0.26**	**0.794**	**-.916372**	**.7009449**
Synergy ind.	**.8450923**	**.499334**	**-0.28**	**0.776**	**.2654364**	**2.690592**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=3 data:
-> **reri stcox ZLNNFLbin CVD_CANCER_HISTORY SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP H**
> R_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **CVD_CANCER_HISTORY** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
         ZLNNFLbin#
CVD_CANCER_HISTORY
               - +    1 1
               + -    2 0
               + +    2 1
```

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# CVD_CANCER_HISTORY						
- +	**2.47935**	**2.472548**	**1.75**	**0.079**	**-.1358198**	**13.00851**
+ -	**1.798903**	**1.219769**	**2.36**	**0.018**	**.19133**	**5.575724**
+ +	**2.580895**	**1.752385**	**2.61**	**0.009**	**.3722666**	**8.344255**
RERI	**-1.697357**	**2.478313**	**-0.68**	**0.493**	**-6.554763**	**3.160048**
Attr. prop.	**-.4740037**	**.6962102**	**-0.68**	**0.496**	**-1.838551**	**.8905433**
Synergy ind.	**.6032592**	**.3626524**	**-0.84**	**0.400**	**.1856948**	**1.959784**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=3 data:
-> **reri stcox ZLNNFLbin SELF_RATED_HEALTHg SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP H**
> R_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **SELF_RATED_HEALTHg** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
        ZLNNFLbin#
SELF_RATED_HEALTHg
             - +    1 1
             + -    2 0
             + +    2 1
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# SELF_RATED_HEALTHg						
- +	**2.509998**	**2.303606**	**1.91**	**0.056**	**-.0302391**	**11.70425**
+ -	**1.058045**	**1.029201**	**1.44**	**0.149**	**-.2277097**	**4.484402**
+ +	**4.844239**	**3.281907**	**3.14**	**0.002**	**.9441282**	**16.56835**
RERI	**1.276196**	**2.074858**	**0.62**	**0.539**	**-2.790451**	**5.342842**
Attr. prop.	**.2183681**	**.3226254**	**0.68**	**0.499**	**-.4139661**	**.8507024**
Synergy ind.	**1.357674**	**.7147313**	**0.58**	**0.561**	**.4838274**	**3.809784**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

```
37 .
38 .
39 .
40 . foreach x of varlist zBMIbin zSBPbin zDBPbin zTOTALCHOLESTEROLSIPbin zHBA1Cbin zLnACRbin zVitaminD_serumbin zfo
  2.         mi xeq 4: reri stcox  ZLNNFLbin `x' SEX  AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED
> DRUG_USER_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills
  3. }
```

m=4 data:

-> **reri stcox ZLNNFLbin zBMIbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDSIZ**
> TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zBMIbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
   ZLNNFLbin#
     zBMIbin
        - +    1 2
        + -    2 1
        + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zBMIbin						
- +	**.8175819**	**1.152489**	**0.94**	**0.346**	**-.4754755**	**5.298283**
+ -	**1.365768**	**1.340373**	**1.52**	**0.129**	**-.2206959**	**6.181869**
+ +	**2.814521**	**2.120064**	**2.41**	**0.016**	**.2833721**	**10.33776**
RERI	**.6311703**	**1.136612**	**0.56**	**0.579**	**-1.596547**	**2.858888**
Attr. prop.	**.1654652**	**.3027396**	**0.55**	**0.585**	**-.4278935**	**.7588238**
Synergy ind.	**1.289083**	**.7004944**	**0.47**	**0.640**	**.4443589**	**3.739626**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=4 data:
-> **reri stcox ZLNNFLbin zSBPbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDSIZ**
> TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox ...**

Interaction of **ZLNNFLbin** and **zSBPbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

ZLNNFLbin#
zSBPbin
- + 1 2
+ - 2 1
+ + 2 2

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zSBPbin						
- +	**-.2089447**	**.4716084**	**-0.39**	**0.694**	**-.7541101**	**1.544913**
+ -	**1.31425**	**1.196724**	**1.62**	**0.105**	**-.1600667**	**5.376404**
+ +	**.7487397**	**.8821807**	**1.11**	**0.268**	**-.3493874**	**3.700325**
RERI	**-.3565658**	**.9151939**	**-0.39**	**0.697**	**-2.150313**	**1.437181**
Attr. prop.	**-.2038987**	**.4873386**	**-0.42**	**0.676**	**-1.159065**	**.7512673**
Synergy ind.	**.6774052**	**.5048581**	**-0.52**	**0.601**	**.1572038**	**2.918999**

Notes: P>|z| for synergy index (SI) is for test H0: SI = 1.
Some estimates of excess relative risk are not positive.

m=4 data:
-> **reri stcox ZLNNFLbin zDBPbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDSIZ**
> TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox ...**

Interaction of **ZLNNFLbin** and **zDBPbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

ZLNNFLbin#
zDBPbin
- + 1 2
+ - 2 1
+ + 2 2

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zDBPbin						
- +	**-.4626393**	**.3444219**	**-0.97**	**0.333**	**-.8470014**	**.8873151**
+ -	**.8496071**	**.8944371**	**1.27**	**0.203**	**-.2831083**	**3.772055**
+ +	**.4965033**	**.6886502**	**0.88**	**0.381**	**-.3927356**	**2.687886**
RERI	**.1095356**	**.6908737**	**0.16**	**0.874**	**-1.244552**	**1.463623**
Attr. prop.	**.0731943**	**.4724356**	**0.15**	**0.877**	**-.8527625**	**.9991512**
Synergy ind.	**1.283061**	**2.482737**	**0.13**	**0.898**	**.0289177**	**56.92874**

Notes: P>|z| for synergy index (SI) is for test H0: SI = 1.
Some estimates of excess relative risk are not positive.

m=4 data:
-> **reri stcox ZLNNFLbin zTOTALCHOLESTEROLSIPbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_L**
> G_USER_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zTOTALCHOLESTEROLSIPbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

ZLNNFLbin# zTOTALCHOLESTEROLSIPbin	
- +	1 2
+ -	2 1
+ +	2 2

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zTOTALCHOLESTEROLSIPbin						
- +	**-.6300115**	**.2433088**	**-1.51**	**0.131**	**-.8980404**	**.3426053**
+ -	**.5910532**	**.7595293**	**0.97**	**0.331**	**-.3757735**	**3.055339**
+ +	**.1746491**	**.5366884**	**0.35**	**0.725**	**-.520266**	**1.876178**
RERI	**.2136074**	**.5870177**	**0.36**	**0.716**	**-.9369262**	**1.364141**
Attr. prop.	**.1818478**	**.5274315**	**0.34**	**0.730**	**-.851899**	**1.215595**
Synergy ind.	**-4.482975**	.	.	.	.	.

Notes: P>|z| for synergy index (SI) is for test H0: SI = 1.
Some estimates of excess relative risk are not positive.

m=4 data:
-> **reri stcox ZLNNFLbin zHBA1Cbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDS**
> 12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zHBA1Cbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
  ZLNNFLbin#
  zHBA1Cbin
       - +    1 2
       + -    2 1
       + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zHBA1Cbin						
- +	**.7224745**	**1.16235**	**0.81**	**0.420**	**-.5410662**	**5.464808**
+ -	**1.38434**	**1.466922**	**1.41**	**0.158**	**-.2860272**	**6.962595**
+ +	**2.49394**	**2.235729**	**1.96**	**0.051**	**-.0031219**	**11.24585**
RERI	**.3871258**	**1.11448**	**0.35**	**0.728**	**-1.797215**	**2.571467**
Attr. prop.	**.1107992**	**.3249945**	**0.34**	**0.733**	**-.5261782**	**.7477766**
Synergy ind.	**1.183749**	**.6510946**	**0.31**	**0.759**	**.4027871**	**3.478916**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=4 data:
-> **reri stcox ZLNNFLbin zLnACRbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDS**
> 12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zLnACRbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
  ZLNNFLbin#
  zLnACRbin
       - +    1 2
       + -    2 1
       + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zLnACRbin						
- +	**.1073584**	**.6670684**	**0.17**	**0.866**	**-.6599618**	**2.606191**
+ -	**.3406722**	**.7130298**	**0.55**	**0.581**	**-.5272676**	**2.802155**
+ +	**2.397112**	**1.811805**	**2.29**	**0.022**	**.1943531**	**8.662442**
RERI	**1.949081**	**1.130316**	**1.72**	**0.085**	**-.2662976**	**4.16446**
Attr. prop.	**.5737465**	**.2249253**	**2.55**	**0.011**	**.132901**	**1.014592**
Synergy ind.	**5.35033**	**11.53656**	**0.78**	**0.437**	**.0781611**	**366.2438**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=4 data:
-> **reri stcox ZLNNFLbin zVitaminD_serumbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP H**
> R_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zVitaminD_serumbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

ZLNNFLbin#
zVitaminD_serumbin
- + 1 2
+ - 2 1
+ + 2 2

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zVitaminD_serumbin						
- +	**-.1061061**	**.5803297**	**-0.17**	**0.863**	**-.7495778**	**2.190797**
+ -	**2.256817**	**1.576516**	**2.44**	**0.015**	**.2611167**	**7.410687**
+ +	**.1630869**	**.6137482**	**0.29**	**0.775**	**-.5865315**	**2.271763**
RERI	**-1.987624**	**1.491996**	**-1.33**	**0.183**	**-4.911883**	**.9366348**
Attr. prop.	**-1.708921**	**.9137855**	**-1.87**	**0.061**	**-3.499908**	**.0820652**
Synergy ind.	**.0758293**	**.2298856**	**-0.85**	**0.395**	**.0001992**	**28.86403**

Notes: P>|z| for synergy index (SI) is for test H0: SI = 1.
Some estimates of excess relative risk are not positive.

m=4 data:
-> **reri stcox ZLNNFLbin zfolate_RBCSIbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOU**
> EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zfolate_RBCSIbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

ZLNNFLbin#
zfolate_RBCSIbin
- + 1 2
+ - 2 1
+ + 2 2

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zfolate_RBCSIbin						
- +	**.6528144**	**.9649541**	**0.86**	**0.389**	**-.4736539**	**4.190112**
+ -	**1.789502**	**1.42654**	**2.01**	**0.045**	**.0238249**	**6.600246**
+ +	**2.221594**	**1.576953**	**2.39**	**0.017**	**.2342762**	**7.40871**
RERI	**-.2207219**	**1.267093**	**-0.17**	**0.862**	**-2.704179**	**2.262735**
Attr. prop.	**-.0685132**	**.3897699**	**-0.18**	**0.860**	**-.8324482**	**.6954217**
Synergy ind.	**.909626**	**.466878**	**-0.18**	**0.854**	**.3326381**	**2.487446**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=4 data:
-> **reri stcox ZLNNFLbin zvitaminb12_serumsibin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LI**
> _USER_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zvitaminb12_serumsibin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
            ZLNNFLbin#
zvitaminb12_serumsibin
                - +    1 2
                + -    2 1
                + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zvitaminb12_serumsibin						
- +	**.2218669**	**.7635162**	**0.32**	**0.748**	**-.6409724**	**3.15834**
+ -	**1.452358**	**1.237029**	**1.78**	**0.075**	**-.0875329**	**5.59099**
+ +	**1.394261**	**1.291701**	**1.62**	**0.106**	**-.1683335**	**5.89277**
RERI	**-.2799642**	**1.024545**	**-0.27**	**0.785**	**-2.288035**	**1.728106**
Attr. prop.	**-.1169314**	**.4182693**	**-0.28**	**0.780**	**-.9367241**	**.7028614**
Synergy ind.	**.8327798**	**.4967717**	**-0.31**	**0.759**	**.258684**	**2.680963**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=4 data:
-> **reri stcox ZLNNFLbin CVD_CANCER_HISTORY SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP H**
> R_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **CVD_CANCER_HISTORY** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
         ZLNNFLbin#
CVD_CANCER_HISTORY
             - +    1 1
             + -    2 0
             + +    2 1
```

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# CVD_CANCER_HISTORY						
- +	**2.359242**	**2.369865**	**1.72**	**0.086**	**-.1571719**	**12.38886**
+ -	**1.787212**	**1.205414**	**2.37**	**0.018**	**.1941036**	**5.505758**
+ +	**2.646855**	**1.751284**	**2.69**	**0.007**	**.422841**	**8.347179**
RERI	**-1.499599**	**2.386739**	**-0.63**	**0.530**	**-6.177521**	**3.178323**
Attr. prop.	**-.4112034**	**.6600714**	**-0.62**	**0.533**	**-1.70492**	**.8825128**
Synergy ind.	**.6383418**	**.380273**	**-0.75**	**0.451**	**.1985983**	**2.051781**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=4 data:
-> **reri stcox ZLNNFLbin SELF_RATED_HEALTHg SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP H**
> R_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox ...**

Interaction of **ZLNNFLbin** and **SELF_RATED_HEALTHg** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
         ZLNNFLbin#
SELF_RATED_HEALTHg
              - +    1 1
              + -    2 0
              + +    2 1
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# SELF_RATED_HEALTHg						
- +	**1.897777**	**2.00003**	**1.54**	**0.123**	**-.2508472**	**10.20881**
+ -	**.940597**	**.9898314**	**1.30**	**0.194**	**-.2858871**	**4.273559**
+ +	**4.893909**	**3.304344**	**3.16**	**0.002**	**.9642119**	**16.68555**
RERI	**2.055535**	**1.967252**	**1.04**	**0.296**	**-1.800208**	**5.911279**
Attr. prop.	**.3487558**	**.2760366**	**1.26**	**0.206**	**-.192266**	**.8897777**
Synergy ind.	**1.724195**	**1.002546**	**0.94**	**0.349**	**.5516313**	**5.389192**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

```
41 .
42 .
43 . foreach x of varlist zBMIbin zSBPbin zDBPbin zTOTALCHOLESTEROLSIPbin zHBA1Cbin zLnACRbin zVitaminD_serumbin zfo
  2.         mi xeq 5: reri stcox  ZLNNFLbin `x' SEX  AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED
> DRUG_USER_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills
  3. }
```

m=5 data:

-> **reri stcox ZLNNFLbin zBMIbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDSIZ**
> TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox ...**

Interaction of **ZLNNFLbin** and **zBMIbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
   ZLNNFLbin#
     zBMIbin
        - +    1 2
        + -    2 1
        + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zBMIbin						
- +	**.8314025**	**1.153981**	**0.96**	**0.337**	**-.4673581**	**5.29698**
+ -	**1.421067**	**1.387832**	**1.54**	**0.123**	**-.2128246**	**6.446329**
+ +	**2.764743**	**2.097174**	**2.38**	**0.017**	**.2634793**	**10.21767**
RERI	**.5122735**	**1.165488**	**0.44**	**0.660**	**-1.772041**	**2.796588**
Attr. prop.	**.1360713**	**.3153387**	**0.43**	**0.666**	**-.4819811**	**.7541237**

Synergy ind.	**1.227427**	**.6602208**	**0.38**	**0.703**	**.4277038**	**3.52248**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=5 data:
-> **reri stcox ZLNNFLbin zSBPbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDSIZ**
> TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zSBPbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
   ZLNNFLbin#
     zSBPbin
        - +    1 2
        + -    2 1
        + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zSBPbin						
- +	**.0188652**	**.604603**	**0.03**	**0.975**	**-.6815754**	**2.260069**
+ -	**1.547362**	**1.394126**	**1.71**	**0.088**	**-.1285489**	**6.44626**
+ +	**1.025075**	**1.091283**	**1.31**	**0.190**	**-.2957269**	**4.822926**
RERI	**-.5411515**	**1.070119**	**-0.51**	**0.613**	**-2.638546**	**1.556243**
Attr. prop.	**-.2672254**	**.4814137**	**-0.56**	**0.579**	**-1.210779**	**.6763281**
Synergy ind.	**.6544872**	**.4017599**	**-0.69**	**0.490**	**.1965112**	**2.179792**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=5 data:
-> **reri stcox ZLNNFLbin zDBPbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDSIZ**
> TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zDBPbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
   ZLNNFLbin#
     zDBPbin
        - +    1 2
        + -    2 1
        + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zDBPbin						
- +	**-.2156049**	**.4817948**	**-0.40**	**0.693**	**-.7646545**	**1.614351**
+ -	**.680011**	**.9039046**	**0.96**	**0.335**	**-.4147574**	**3.822678**
+ +	**1.15921**	**1.059091**	**1.57**	**0.117**	**-.1743775**	**4.646879**
RERI	**.6948044**	**.6747**	**1.03**	**0.303**	**-.6275832**	**2.017192**
Attr. prop.	**.3217863**	**.3470334**	**0.93**	**0.354**	**-.3583867**	**1.001959**
Synergy ind.	**2.496114**	**4.925451**	**0.46**	**0.643**	**.0521955**	**119.3702**

Notes: P>|z| for synergy index (SI) is for test H0: SI = 1.
Some estimates of excess relative risk are not positive.

m=5 data:
-> **reri stcox ZLNNFLbin zTOTALCHOLESTEROLSIPbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_L**
> G_USER_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zTOTALCHOLESTEROLSIPbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

ZLNNFLbin# zTOTALCHOLESTEROLSIPbin	
- +	1 2
+ -	2 1
+ +	2 2

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zTOTALCHOLESTEROLSIPbin						
- +	**-.6268179**	**.2467428**	**-1.49**	**0.136**	**-.8978782**	**.3637141**
+ -	**.5858765**	**.7627325**	**0.96**	**0.338**	**-.3821527**	**3.070592**
+ +	**.1837344**	**.543097**	**0.37**	**0.713**	**-.5183593**	**1.909279**
RERI	**.2246757**	**.5852634**	**0.38**	**0.701**	**-.9224195**	**1.371771**
Attr. prop.	**.1898025**	**.5244535**	**0.36**	**0.717**	**-.8381076**	**1.217713**
Synergy ind.	**-4.487745**	**.**	**.**	**.**	**.**	**.**

Notes: P>|z| for synergy index (SI) is for test H0: SI = 1.
Some estimates of excess relative risk are not positive.

m=5 data:
-> **reri stcox ZLNNFLbin zHBA1Cbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDS**
> 12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zHBA1Cbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
  ZLNNFLbin#
  zHBA1Cbin
       - +    1 2
       + -    2 1
       + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zHBA1Cbin						
- +	**.736305**	**1.23527**	**0.78**	**0.438**	**-.5694233**	**6.001668**
+ -	**1.51111**	**1.683625**	**1.37**	**0.170**	**-.3252234**	**8.344829**
+ +	**2.479772**	**2.414832**	**1.80**	**0.072**	**-.1070056**	**12.55979**
RERI	**.2323573**	**1.149376**	**0.20**	**0.840**	**-2.020378**	**2.485093**
Attr. prop.	**.0667737**	**.3379524**	**0.20**	**0.843**	**-.5956009**	**.7291483**
Synergy ind.	**1.103389**	**.5855904**	**0.19**	**0.853**	**.3899231**	**3.122325**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=5 data:
-> **reri stcox ZLNNFLbin zLnACRbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOUSEHOLDS**
> 12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zLnACRbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
  ZLNNFLbin#
  zLnACRbin
       - +    1 2
       + -    2 1
       + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# zLnACRbin						
- +	**.1249164**	**.675483**	**0.20**	**0.845**	**-.6532665**	**2.649594**
+ -	**.2538155**	**.6867284**	**0.41**	**0.680**	**-.5714305**	**2.668141**
+ +	**2.564432**	**1.890292**	**2.40**	**0.017**	**.2606101**	**9.078595**
RERI	**2.185701**	**1.220347**	**1.79**	**0.073**	**-.2061365**	**4.577538**
Attr. prop.	**.6131974**	**.2182064**	**2.81**	**0.005**	**.1855207**	**1.040874**
Synergy ind.	**6.771104**	**17.77379**	**0.73**	**0.466**	**.039473**	**1161.499**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=5 data:
-> **reri stcox ZLNNFLbin zVitaminD_serumbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP H**
> R_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zVitaminD_serumbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

ZLNNFLbin#
zVitaminD_serumbin
- + 1 2
+ - 2 1
+ + 2 2

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zVitaminD_serumbin						
- +	**-.1190174**	**.5868558**	**-0.19**	**0.849**	**-.7612465**	**2.25076**
+ -	**2.267368**	**1.589958**	**2.43**	**0.015**	**.2588928**	**7.480226**
+ +	**.1772416**	**.6164827**	**0.31**	**0.755**	**-.5781876**	**2.285578**
RERI	**-1.971109**	**1.502122**	**-1.31**	**0.189**	**-4.915214**	**.9729955**
Attr. prop.	**-1.674346**	**.895179**	**-1.87**	**0.061**	**-3.428864**	**.080173**
Synergy ind.	**.0825012**	**.2257999**	**-0.91**	**0.362**	**.0003862**	**17.62534**

Notes: P>|z| for synergy index (SI) is for test H0: SI = 1.
Some estimates of excess relative risk are not positive.

m=5 data:
-> **reri stcox ZLNNFLbin zfolate_RBCSIbin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP HOU**
> EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zfolate_RBCSIbin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

ZLNNFLbin#
zfolate_RBCSIbin
- + 1 2
+ - 2 1
+ + 2 2

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zfolate_RBCSIbin						
- +	**.7297638**	**1.030567**	**0.92**	**0.358**	**-.4619112**	**4.560575**
+ -	**1.889866**	**1.493472**	**2.05**	**0.040**	**.0494939**	**6.95748**
+ +	**2.230303**	**1.588436**	**2.38**	**0.017**	**.2322032**	**7.468457**
RERI	**-.3893268**	**1.354775**	**-0.29**	**0.774**	**-3.044638**	**2.265984**
Attr. prop.	**-.1205233**	**.4113802**	**-0.29**	**0.770**	**-.9268136**	**.685767**
Synergy ind.	**.851381**	**.4309872**	**-0.32**	**0.751**	**.3156659**	**2.296256**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=5 data:
-> **reri stcox ZLNNFLbin zvitaminb12_serumsibin SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LI**
> _USER_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **zvitaminb12_serumsibin** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
            ZLNNFLbin#
zvitaminb12_serumsibin
                - +    1 2
                + -    2 1
                + +    2 2
```

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# zvitaminb12_serumsibin						
- +	**.202158**	**.7573929**	**0.29**	**0.770**	**-.6503118**	**3.132779**
+ -	**1.395374**	**1.228312**	**1.70**	**0.088**	**-.123222**	**5.544205**
+ +	**1.401087**	**1.290557**	**1.63**	**0.103**	**-.1626696**	**5.885239**
RERI	**-.1964445**	**1.031698**	**-0.19**	**0.849**	**-2.218535**	**1.825645**
Attr. prop.	**-.0818148**	**.4229**	**-0.19**	**0.847**	**-.9106837**	**.747054**
Synergy ind.	**.8770325**	**.5547078**	**-0.21**	**0.836**	**.2538899**	**3.029604**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=5 data:
-> **reri stcox ZLNNFLbin CVD_CANCER_HISTORY SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP H**
> R_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox** ...

Interaction of **ZLNNFLbin** and **CVD_CANCER_HISTORY** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

```
         ZLNNFLbin#
CVD_CANCER_HISTORY
             - +    1 1
             + -    2 0
             + +    2 1
```

	ERR	Robust std. err.	z	P>|z|	[95% conf. interval]	
ZLNNFLbin# CVD_CANCER_HISTORY						
- +	**2.312172**	**2.358474**	**1.68**	**0.093**	**-.1796408**	**12.37278**
+ -	**1.759294**	**1.198411**	**2.34**	**0.019**	**.177893**	**5.463831**
+ +	**2.674386**	**1.755297**	**2.72**	**0.006**	**.4406418**	**8.371597**
RERI	**-1.397079**	**2.370424**	**-0.59**	**0.556**	**-6.043026**	**3.248867**
Attr. prop.	**-.3802211**	**.6502951**	**-0.58**	**0.559**	**-1.654776**	**.8943337**
Synergy ind.	**.6568608**	**.3942619**	**-0.70**	**0.484**	**.2025648**	**2.130015**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

m=5 data:
-> **reri stcox ZLNNFLbin SELF_RATED_HEALTHg SEX AGE RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4 PIRg2 PIRg3 MARRIED_LIVP H**
> R_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average invmills

Fitting **stcox ...**

Interaction of **ZLNNFLbin** and **SELF_RATED_HEALTHg** on an additive scale, adjusted for covariates

Model: Cox proportional hazards Number of observations = **2,070**

ZLNNFLbin#
SELF_RATED_HEALTHg
- + 1 1
+ - 2 0
+ + 2 1

	ERR	Robust std. err.	z	P>|z|	[95% conf.	interval]
ZLNNFLbin# SELF_RATED_HEALTHg						
- +	**1.703961**	**1.77219**	**1.52**	**0.129**	**-.2516258**	**8.769721**
+ -	**.8395329**	**.8772216**	**1.28**	**0.201**	**-.2775739**	**3.684052**
+ +	**4.471885**	**2.951202**	**3.15**	**0.002**	**.9012994**	**14.74793**
RERI	**1.92839**	**1.923786**	**1.00**	**0.316**	**-1.84216**	**5.698941**
Attr. prop.	**.3524179**	**.2818731**	**1.25**	**0.211**	**-.2000433**	**.9048792**
Synergy ind.	**1.758166**	**1.066233**	**0.93**	**0.352**	**.535614**	**5.771222**

Note: P>|z| for synergy index (SI) is for test H0: SI = 1.

```
44 .
45 . save, replace
file finaldata_imputed_full.dta saved

46 .
47 .
48 . **MODEL C**
49 .
50 . use finaldata_imputed,clear

51 .
52 .
53 . foreach x of varlist zBMI zSBP zDBP zTOTALCHOLESTEROLSIP zHBA1C zLnACR zVitaminD_serum zfolate_RBCSI zvitaminb1
  2.         mi estimate: reg ZLNNFL `x' AGE SEX  RACE_ETHNg2 RACE_ETHNg3 RACE_ETHNg4  PIRg2 PIRg3 MARRIED_LIVP H
> ER_EVER DR12TKCAL DASH_TOTAL_SCORE PHYSICAL_days_average  invmills
  3. }

Multiple-imputation estimates                Imputations       =          5
Linear regression                            Number of obs     =      2,071
                                             Average RVI       =     0.0349
                                             Largest FMI       =     0.2768
                                             Complete DF       =       2048
DF adjustment:   Small sample                DF:     min       =      59.70
                                                     avg       =   1,533.98
                                                     max       =   2,042.55
Model F test:       Equal FMI                F(  22, 1983.2)   =      36.29
Within VCE type:          OLS                Prob > F          =     0.0000
```

ZLNNFL	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zBMI	-.0133979	.0197223	-0.68	0.497	-.0520767	.0252808
AGE	.0325604	.0014745	22.08	0.000	.0296687	.0354522
SEX	-.196195	.0427854	-4.59	0.000	-.2801801	-.11221
RACE_ETHNg2	-.1424988	.053701	-2.65	0.008	-.2478135	-.0371841
RACE_ETHNg3	-.2287302	.0529105	-4.32	0.000	-.3324955	-.1249649
RACE_ETHNg4	-.1070063	.0611695	-1.75	0.080	-.2269703	.0129578
PIRg2	.000923	.058064	0.02	0.987	-.1133937	.1152398
PIRg3	-.047858	.0560843	-0.85	0.394	-.1581588	.0624428
MARRIED_LIVP	.0718512	.0427042	1.68	0.093	-.0118972	.1555997
HOUSEHOLDSIZE	-.0255775	.0128295	-1.99	0.046	-.0507378	-.0004172
EDUCATIONg2	.0439364	.0877083	0.50	0.616	-.1280706	.2159434
EDUCATIONg3	.0782703	.0856803	0.91	0.361	-.0897597	.2463003
EDUCATIONg4	.109732	.0843671	1.30	0.194	-.0557229	.2751868
EDUCATIONg5	-.0079293	.09056	-0.09	0.930	-.1855289	.1696702
SMOKEg2	.0562669	.0507538	1.11	0.268	-.0432697	.1558035
SMOKEg3	.1057462	.0535043	1.98	0.048	.0008151	.2106772
ALCOHOLg2	.0579919	.0527055	1.10	0.274	-.0464794	.1624631
DRUG_USER_EVER	.0329818	.0455311	0.72	0.469	-.0563197	.1222833
DR12TKCAL	-.0000106	.0000294	-0.36	0.719	-.0000695	.0000483
DASH_TOTAL_SCORE	.0184201	.0141067	1.31	0.192	-.0093015	.0461417
PHYSICAL_days_average	3.45e-06	3.16e-06	1.09	0.275	-2.75e-06	9.66e-06
invmills	-.0045091	.0026547	-1.70	0.090	-.0097153	.0006972
_cons	-1.26906	.1957819	-6.48	0.000	-1.653144	-.8849761

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 2,071
Average RVI = 0.0349
Largest FMI = 0.2654
Complete DF = 2048
DF adjustment: **Small sample** — DF: min = 64.55
avg = 1,514.57
max = 2,042.18
Model F test: **Equal FMI** — F(22, 1983.3) = 36.55
Within VCE type: **OLS** — Prob > F = 0.0000

ZLNNFL	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zSBP	.0447068	.0210692	2.12	0.034	.0033769	.0860368
AGE	.031406	.0015632	20.09	0.000	.0283402	.0344718
SEX	-.1879797	.0427911	-4.39	0.000	-.2719653	-.103994
RACE_ETHNg2	-.1615232	.0541497	-2.98	0.003	-.2677184	-.0553281
RACE_ETHNg3	-.2289397	.0528197	-4.33	0.000	-.3325263	-.1253531
RACE_ETHNg4	-.1049654	.0602307	-1.74	0.082	-.2230882	.0131575
PIRg2	.004613	.0585363	0.08	0.937	-.1107608	.1199868
PIRg3	-.0420616	.0559135	-0.75	0.452	-.1519944	.0678711
MARRIED_LIVP	.0723189	.0426358	1.70	0.090	-.0112954	.1559331
HOUSEHOLDSIZE	-.0251158	.0128227	-1.96	0.050	-.0502628	.0000313
EDUCATIONg2	.0480444	.0876751	0.55	0.584	-.123898	.2199867
EDUCATIONg3	.0792495	.0856383	0.93	0.355	-.0886986	.2471975
EDUCATIONg4	.1136495	.0843503	1.35	0.178	-.0517727	.2790716
EDUCATIONg5	.0039929	.0905598	0.04	0.965	-.1736063	.181592
SMOKEg2	.0593416	.0506949	1.17	0.242	-.0400789	.1587621
SMOKEg3	.11063	.0532323	2.08	0.038	.0062333	.2150268
ALCOHOLg2	.0597159	.0520714	1.15	0.254	-.0432909	.1627226
DRUG_USER_EVER	.0345035	.0454725	0.76	0.448	-.0546821	.1236892
DR12TKCAL	-9.72e-06	.0000292	-0.33	0.741	-.0000681	.0000486
DASH_TOTAL_SCORE	.0208076	.0140043	1.49	0.138	-.0067109	.0483262
PHYSICAL_days_average	3.41e-06	3.16e-06	1.08	0.281	-2.79e-06	9.60e-06

invmills	-.0047911	.0026561	-1.80	0.071	-.01	.0004178
_cons	-1.246005	.1956074	-6.37	0.000	-1.629728	-.8622823

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 2,071
Average RVI = 0.0403
Largest FMI = 0.2747
Complete DF = 2048
DF adjustment: Small sample — DF: min = 60.54
avg = 1,455.88
max = 2,043.54
Model F test: Equal FMI — F(22, 1964.2) = 36.07
Within VCE type: OLS — Prob > F = 0.0000

ZLNNFL	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zDBP	-.0047922	.0201226	-0.24	0.812	-.0444336	.0348493
AGE	.032536	.0014752	22.06	0.000	.0296429	.0354291
SEX	-.1998262	.0429699	-4.65	0.000	-.2841893	-.1154631
RACE_ETHNg2	-.144871	.0535976	-2.70	0.007	-.2499829	-.039759
RACE_ETHNg3	-.2294234	.0529717	-4.33	0.000	-.3333088	-.125538
RACE_ETHNg4	-.0993505	.0602783	-1.65	0.099	-.2175666	.0188656
PIRg2	.000437	.0580407	0.01	0.994	-.1138264	.1147004
PIRg3	-.047601	.055957	-0.85	0.395	-.1576212	.0624192
MARRIED_LIVP	.0722562	.0427113	1.69	0.091	-.0115061	.1560186
HOUSEHOLDSIZE	-.025698	.0128297	-2.00	0.045	-.0508586	-.0005374
EDUCATIONg2	.0457319	.0877277	0.52	0.602	-.1263134	.2177771
EDUCATIONg3	.0779232	.0857195	0.91	0.363	-.0901837	.2460301
EDUCATIONg4	.1096426	.0843822	1.30	0.194	-.0558417	.2751269
EDUCATIONg5	-.005958	.0905355	-0.07	0.948	-.1835096	.1715936
SMOKEg2	.0551541	.0507572	1.09	0.277	-.0443889	.1546971
SMOKEg3	.1081815	.0533868	2.03	0.043	.003481	.2128821
ALCOHOLg2	.0576446	.0526777	1.09	0.276	-.0467604	.1620496
DRUG_USER_EVER	.033171	.0455394	0.73	0.466	-.0561466	.1224885
DR12TKCAL	-.0000104	.0000294	-0.35	0.724	-.0000693	.0000484
DASH_TOTAL_SCORE	.0194066	.0140348	1.38	0.167	-.0081764	.0469896
PHYSICAL_days_average	3.54e-06	3.16e-06	1.12	0.263	-2.66e-06	9.73e-06
invmills	-.0045342	.0026548	-1.71	0.088	-.0097406	.0006722
_cons	-1.266804	.195925	-6.47	0.000	-1.651176	-.8824321

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 2,071
Average RVI = 0.0341
Largest FMI = 0.2719
Complete DF = 2048
DF adjustment: Small sample — DF: min = 61.71
avg = 1,539.67
max = 2,045.54
Model F test: Equal FMI — F(22, 1986.0) = 36.39
Within VCE type: OLS — Prob > F = 0.0000

ZLNNFL	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zTOTALCHOLESTEROLSIP	-.0245455	.0190694	-1.29	0.198	-.061943	.012852
AGE	.0327997	.0014888	22.03	0.000	.0298799	.0357196
SEX	-.1961839	.042598	-4.61	0.000	-.2797946	-.1125732
RACE_ETHNg2	-.1484302	.0536523	-2.77	0.006	-.2536494	-.043211
RACE_ETHNg3	-.2248772	.052982	-4.24	0.000	-.3287827	-.1209718
RACE_ETHNg4	-.1006371	.0602408	-1.67	0.095	-.2187801	.0175059
PIRg2	.0013589	.0581072	0.02	0.981	-.1130572	.1157749
PIRg3	-.0448851	.0561297	-0.80	0.424	-.1552845	.0655144
MARRIED_LIVP	.0712278	.0426943	1.67	0.095	-.0125011	.1549567
HOUSEHOLDSIZE	-.0255553	.0128249	-1.99	0.046	-.0507066	-.000404
EDUCATIONg2	.0461934	.0876678	0.53	0.598	-.1257343	.218121
EDUCATIONg3	.0769722	.0856478	0.90	0.369	-.0909941	.2449385
EDUCATIONg4	.1096951	.0843433	1.30	0.194	-.0557131	.2751034
EDUCATIONg5	-.0040164	.0905183	-0.04	0.965	-.1815341	.1735014
SMOKEg2	.0546054	.0507229	1.08	0.282	-.0448704	.1540811
SMOKEg3	.109728	.0533017	2.06	0.040	.0051943	.2142616
ALCOHOLg2	.0584738	.0525594	1.11	0.268	-.04566	.1626075
DRUG_USER_EVER	.0351014	.0455328	0.77	0.441	-.0542029	.1244057
DR12TKCAL	-.0000103	.0000294	-0.35	0.726	-.000069	.0000483
DASH_TOTAL_SCORE	.0192445	.0140389	1.37	0.171	-.0083491	.0468382
PHYSICAL_days_average	3.43e-06	3.16e-06	1.09	0.278	-2.76e-06	9.63e-06
invmills	-.0045737	.0026533	-1.72	0.085	-.0097771	.0006297
_cons	-1.286887	.1961842	-6.56	0.000	-1.671753	-.9020213

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 2,071
Average RVI = 0.0389
Largest FMI = 0.3036
Complete DF = 2048
DF adjustment: **Small sample** — DF: min = 50.31
avg = 1,512.71
max = 2,044.15
Model F test: **Equal FMI** — F(22, 1969.0) = 39.32
Within VCE type: **OLS** — Prob > F = 0.0000

ZLNNFL	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zHBA1C	.1423387	.019742	7.21	0.000	.1036214	.1810559
AGE	.0297109	.0015033	19.76	0.000	.0267627	.0326591
SEX	-.1868484	.0422305	-4.42	0.000	-.2697587	-.1039381
RACE_ETHNg2	-.1810888	.0531634	-3.41	0.001	-.2853492	-.0768284
RACE_ETHNg3	-.2577733	.0525067	-4.91	0.000	-.3607485	-.1547981
RACE_ETHNg4	-.1069412	.059485	-1.80	0.072	-.2236014	.0097189
PIRg2	-.004406	.0573582	-0.08	0.939	-.1173363	.1085243
PIRg3	-.0538325	.0552277	-0.97	0.330	-.1624169	.0547519
MARRIED_LIVP	.0592169	.0422036	1.40	0.161	-.0235498	.1419836
HOUSEHOLDSIZE	-.0288034	.0126764	-2.27	0.023	-.0536634	-.0039434
EDUCATIONg2	.0524076	.0866085	0.61	0.545	-.1174426	.2222577
EDUCATIONg3	.0903976	.0846152	1.07	0.285	-.0755436	.2563388
EDUCATIONg4	.1217859	.0833292	1.46	0.144	-.0416334	.2852052
EDUCATIONg5	.0221402	.0894624	0.25	0.805	-.1533067	.1975871
SMOKEg2	.0452682	.0501159	0.90	0.366	-.053017	.1435533
SMOKEg3	.1028854	.0526285	1.95	0.051	-.0003273	.2060981
ALCOHOLg2	.0360808	.0524033	0.69	0.493	-.0678886	.1400502
DRUG_USER_EVER	.0343911	.0449942	0.76	0.445	-.0538587	.1226408
DR12TKCAL	-6.65e-06	.0000296	-0.23	0.823	-.000066	.0000527
DASH_TOTAL_SCORE	.0225473	.0143472	1.57	0.118	-.0057701	.0508647
PHYSICAL_days_average	3.92e-06	3.12e-06	1.26	0.209	-2.20e-06	.00001

invmills	-.0047127	.0026211	-1.80	0.072	-.009853	.0004277
_cons	-1.128678	.1948067	-5.79	0.000	-1.510888	-.7464687

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 2,071
Average RVI = 0.0410
Largest FMI = 0.2588
Complete DF = 2048
DF adjustment: **Small sample** — DF: min = 67.61
avg = 1,497.93
max = 2,045.06
Model F test: **Equal FMI** — F(22, 1961.4) = 37.64
Within VCE type: **OLS** — Prob > F = 0.0000

ZLNNFL	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zLnACR	.0982244	.0208085	4.72	0.000	.0571362	.1393126
AGE	.0314242	.0014762	21.29	0.000	.0285291	.0343193
SEX	-.227857	.0422073	-5.40	0.000	-.3106544	-.1450597
RACE_ETHNg2	-.147499	.0532535	-2.77	0.006	-.251936	-.0430619
RACE_ETHNg3	-.2328622	.0526558	-4.42	0.000	-.3361292	-.1295953
RACE_ETHNg4	-.1152538	.0598307	-1.93	0.054	-.2325903	.0020826
PIRg2	.0040878	.0584474	0.07	0.944	-.1111798	.1193554
PIRg3	-.0366596	.0555833	-0.66	0.510	-.1459386	.0726194
MARRIED_LIVP	.0638074	.0424591	1.50	0.133	-.0194602	.1470751
HOUSEHOLDSIZE	-.0280748	.0127615	-2.20	0.028	-.0531018	-.0030479
EDUCATIONg2	.0412752	.0872009	0.47	0.636	-.1297371	.2122875
EDUCATIONg3	.0649407	.0852335	0.76	0.446	-.1022135	.2320949
EDUCATIONg4	.114511	.0838791	1.37	0.172	-.0499871	.2790091
EDUCATIONg5	-.0034324	.0899256	-0.04	0.970	-.1797877	.1729229
SMOKEg2	.0463917	.0504544	0.92	0.358	-.0525576	.145341
SMOKEg3	.091496	.0531166	1.72	0.085	-.0126751	.1956672
ALCOHOLg2	.0623752	.0515844	1.21	0.229	-.039598	.1643485
DRUG_USER_EVER	.0420559	.0451459	0.93	0.352	-.046485	.1305969
DR12TKCAL	-5.32e-06	.000029	-0.18	0.855	-.0000632	.0000525
DASH_TOTAL_SCORE	.0193093	.0141393	1.37	0.173	-.008521	.0471396
PHYSICAL_days_average	3.77e-06	3.14e-06	1.20	0.230	-2.39e-06	9.92e-06
invmills	-.0042686	.0026394	-1.62	0.106	-.0094448	.0009075
_cons	-1.165039	.1943663	-5.99	0.000	-1.546266	-.7838122

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 2,071
Average RVI = 0.0347
Largest FMI = 0.2932
Complete DF = 2048
DF adjustment: **Small sample** — DF: min = 53.68
avg = 1,535.10
max = 2,042.65
Model F test: **Equal FMI** — F(22, 1983.9) = 36.73
Within VCE type: **OLS** — Prob > F = 0.0000

ZLNNFL	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zVitaminD_serum	.0567258	.0207521	2.73	0.006	.0160283	.0974233
AGE	.0319558	.0014854	21.51	0.000	.0290427	.0348689
SEX	-.2113252	.0428249	-4.93	0.000	-.2953902	-.1272601
RACE_ETHNg2	-.0980025	.0561485	-1.75	0.081	-.208117	.012112
RACE_ETHNg3	-.2031565	.0536488	-3.79	0.000	-.3083696	-.0979434
RACE_ETHNg4	-.0768378	.0607336	-1.27	0.206	-.1959472	.0422716
PIRg2	.0019662	.0581094	0.03	0.973	-.1124752	.1164075
PIRg3	-.0514795	.0560725	-0.92	0.359	-.1617719	.0588128
MARRIED_LIVP	.0823434	.042773	1.93	0.054	-.00154	.1662267
HOUSEHOLDSIZE	-.0232578	.0128389	-1.81	0.070	-.0484366	.0019209
EDUCATIONg2	.0502129	.0875633	0.57	0.566	-.1215098	.2219357
EDUCATIONg3	.0810348	.0855406	0.95	0.344	-.0867212	.2487908
EDUCATIONg4	.1133682	.0842349	1.35	0.178	-.0518274	.2785638
EDUCATIONg5	-.0110038	.0903826	-0.12	0.903	-.1882556	.166248
SMOKEg2	.0573733	.0506477	1.13	0.257	-.0419549	.1567016
SMOKEg3	.1182851	.0533414	2.22	0.027	.0136736	.2228966
ALCOHOLg2	.0573454	.0521776	1.10	0.274	-.0459253	.1606161
DRUG_USER_EVER	.0281035	.0454686	0.62	0.537	-.0610744	.1172815
DR12TKCAL	-.0000135	.0000297	-0.45	0.651	-.0000731	.0000461
DASH_TOTAL_SCORE	.0162431	.0139976	1.16	0.246	-.0112561	.0437423
PHYSICAL_days_average	2.69e-06	3.17e-06	0.85	0.397	-3.53e-06	8.90e-06
invmills	-.0046991	.0026499	-1.77	0.076	-.009896	.0004977
_cons	-1.247312	.195938	-6.37	0.000	-1.63173	-.8628941

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 2,071
Average RVI = 0.0350
Largest FMI = 0.2695
Complete DF = 2048
DF adjustment: **Small sample** — DF: min = 62.72
avg = 1,516.61
max = 2,042.89
Model F test: **Equal FMI** — F(22, 1982.9) = 36.64
Within VCE type: **OLS** — Prob > F = 0.0000

ZLNNFL	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zfolate_RBCSI	.0495117	.0200064	2.47	0.013	.010267	.0887564
AGE	.0320092	.0014856	21.55	0.000	.0290958	.0349227
SEX	-.2064983	.0426133	-4.85	0.000	-.2901382	-.1228584
RACE_ETHNg2	-.1146531	.0548414	-2.09	0.037	-.2222042	-.007102
RACE_ETHNg3	-.2124797	.0532187	-3.99	0.000	-.3168492	-.1081102
RACE_ETHNg4	-.0833097	.0605311	-1.38	0.169	-.2020221	.0354027
PIRg2	-.0011201	.0581528	-0.02	0.985	-.1156531	.113413
PIRg3	-.0442053	.0560577	-0.79	0.431	-.1544649	.0660543
MARRIED_LIVP	.0764825	.0426642	1.79	0.073	-.0071876	.1601525
HOUSEHOLDSIZE	-.0243261	.0128221	-1.90	0.058	-.0494719	.0008197
EDUCATIONg2	.0424632	.0875583	0.48	0.628	-.1292497	.2141761
EDUCATIONg3	.0712272	.085567	0.83	0.405	-.0965805	.2390349
EDUCATIONg4	.0988795	.0843357	1.17	0.241	-.0665137	.2642727
EDUCATIONg5	-.0164625	.0905055	-0.18	0.856	-.1939553	.1610303
SMOKEg2	.0546897	.0506467	1.08	0.280	-.0446364	.1540158
SMOKEg3	.1211239	.0534967	2.26	0.024	.0162073	.2260406
ALCOHOLg2	.0561526	.0523183	1.07	0.285	-.0474401	.1597452
DRUG_USER_EVER	.0289532	.0454786	0.64	0.524	-.0602445	.1181509
DR12TKCAL	-.0000138	.0000293	-0.47	0.641	-.0000723	.0000448
DASH_TOTAL_SCORE	.0183527	.0139576	1.31	0.189	-.0090683	.0457736
PHYSICAL_days_average	3.54e-06	3.15e-06	1.12	0.262	-2.65e-06	9.73e-06

invmills	-.0044782	.0026503	-1.69	0.091	-.0096757	.0007193
_cons	-1.239136	.1957406	-6.33	0.000	-1.62313	-.855141

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 2,071
Average RVI = 0.0338
Largest FMI = 0.2706
Complete DF = 2048
DF adjustment: **Small sample** — DF: min = 62.26
avg = 1,538.32
max = 2,043.67
Model F test: **Equal FMI** — F(22, 1986.7) = 36.39
Within VCE type: **OLS** — Prob > F = 0.0000

ZLNNFL	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
zvitaminb12_serumsi	.0228694	.0189575	1.21	0.228	-.0143087	.0600474
AGE	.0324009	.0014758	21.96	0.000	.0295066	.0352951
SEX	-.2010691	.0426101	-4.72	0.000	-.284705	-.1174333
RACE_ETHNg2	-.1474132	.0536257	-2.75	0.006	-.2525803	-.0422462
RACE_ETHNg3	-.2277823	.052907	-4.31	0.000	-.3315407	-.1240239
RACE_ETHNg4	-.1023636	.0602821	-1.70	0.090	-.2205876	.0158604
PIRg2	.0008309	.0581034	0.01	0.989	-.1135751	.1152369
PIRg3	-.0484371	.0561094	-0.86	0.389	-.158793	.0619188
MARRIED_LIVP	.0731485	.0426886	1.71	0.087	-.0105693	.1568662
HOUSEHOLDSIZE	-.026212	.0128306	-2.04	0.041	-.0513744	-.0010495
EDUCATIONg2	.0510067	.0877988	0.58	0.561	-.1211779	.2231914
EDUCATIONg3	.0811816	.0857138	0.95	0.344	-.0869141	.2492774
EDUCATIONg4	.1148847	.0844781	1.36	0.174	-.0507879	.2805573
EDUCATIONg5	.000357	.0906533	0.00	0.997	-.1774254	.1781395
SMOKEg2	.0561938	.0507211	1.11	0.268	-.0432784	.155666
SMOKEg3	.1109671	.0533337	2.08	0.038	.0063707	.2155635
ALCOHOLg2	.0580784	.0525212	1.11	0.271	-.0459668	.1621236
DRUG_USER_EVER	.0317263	.045513	0.70	0.486	-.0575388	.1209913
DR12TKCAL	-.00001	.0000293	-0.34	0.734	-.0000686	.0000486
DASH_TOTAL_SCORE	.0181145	.014107	1.28	0.200	-.0096163	.0458453
PHYSICAL_days_average	3.46e-06	3.16e-06	1.09	0.274	-2.74e-06	9.65e-06
invmills	-.0045347	.0026533	-1.71	0.088	-.0097382	.0006688
_cons	-1.260221	.1957609	-6.44	0.000	-1.644257	-.8761851

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 2,071
Average RVI = 0.0343
Largest FMI = 0.2687
Complete DF = 2048
DF adjustment: **Small sample** — DF: min = 63.09
avg = 1,538.00
max = 2,045.52
Model F test: **Equal FMI** — F(22, 1985.2) = 36.45
Within VCE type: **OLS** — Prob > F = 0.0000

ZLNNFL	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
CVD_CANCER_HISTORY	.0945334	.0575216	1.64	0.100	-.0182736	.2073404
AGE	.0318435	.0015274	20.85	0.000	.028848	.034839
SEX	-.1982444	.0425349	-4.66	0.000	-.2817306	-.1147582
RACE_ETHNg2	-.1380389	.0537266	-2.57	0.010	-.2434039	-.032674
RACE_ETHNg3	-.2226986	.0530182	-4.20	0.000	-.3266752	-.1187219
RACE_ETHNg4	-.0908908	.0604564	-1.50	0.133	-.2094562	.0276747
PIRg2	.0059238	.058247	0.10	0.919	-.1087818	.1206294
PIRg3	-.0415974	.056151	-0.74	0.459	-.1520292	.0688345
MARRIED_LIVP	.0737904	.042678	1.73	0.084	-.0099066	.1574875
HOUSEHOLDSIZE	-.0245676	.0128396	-1.91	0.056	-.0497477	.0006124
EDUCATIONg2	.043792	.0876523	0.50	0.617	-.1281053	.2156892
EDUCATIONg3	.0729704	.0856676	0.85	0.394	-.0950347	.2409756
EDUCATIONg4	.1040933	.0843811	1.23	0.217	-.0613889	.2695755
EDUCATIONg5	-.0103206	.0905112	-0.11	0.909	-.1878245	.1671833
SMOKEg2	.0530098	.0507264	1.05	0.296	-.0464728	.1524924
SMOKEg3	.1029727	.0534034	1.93	0.054	-.0017603	.2077057
ALCOHOLg2	.0566367	.0526386	1.08	0.284	-.0476895	.1609629
DRUG_USER_EVER	.034924	.0455121	0.77	0.443	-.0543399	.1241879
DR12TKCAL	-.0000103	.0000293	-0.35	0.727	-.0000688	.0000483
DASH_TOTAL_SCORE	.0198921	.0141029	1.41	0.159	-.0078401	.0476244
PHYSICAL_days_average	3.36e-06	3.16e-06	1.06	0.287	-2.83e-06	9.56e-06
invmills	-.0044665	.0026531	-1.68	0.092	-.0096696	.0007366
_cons	-1.260278	.1955943	-6.44	0.000	-1.643984	-.8765725

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 2,071
Average RVI = 0.0395
Largest FMI = 0.2996
Complete DF = 2048
DF adjustment: **Small sample** — DF: min = 51.55
avg = 1,453.87
max = 2,038.89
Model F test: **Equal FMI** — F(22, 1967.2) = 36.94
Within VCE type: **OLS** — Prob > F = 0.0000

ZLNNFL	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
SELF_RATED_HEALTHg	.1747503	.0482422	3.62	0.000	.0800762	.2694244
AGE	.0318181	.0014803	21.49	0.000	.0289149	.0347212
SEX	-.2034493	.0424481	-4.79	0.000	-.2867662	-.1201324
RACE_ETHNg2	-.1479196	.0534364	-2.77	0.006	-.2527155	-.0431237
RACE_ETHNg3	-.245628	.0530086	-4.63	0.000	-.3495868	-.1416691
RACE_ETHNg4	-.1026624	.0601993	-1.71	0.088	-.2207277	.0154028
PIRg2	.0104657	.0582826	0.18	0.858	-.1043669	.1252982
PIRg3	-.021293	.0564855	-0.38	0.706	-.1324072	.0898213
MARRIED_LIVP	.0683838	.0426194	1.60	0.109	-.0151987	.1519664
HOUSEHOLDSIZE	-.0252847	.0127896	-1.98	0.048	-.0503667	-.0002027
EDUCATIONg2	.062003	.0877038	0.71	0.480	-.1099971	.234003
EDUCATIONg3	.1049328	.0859365	1.22	0.222	-.0636022	.2734677
EDUCATIONg4	.1439959	.0849613	1.69	0.090	-.0226301	.3106219
EDUCATIONg5	.0409608	.0914859	0.45	0.654	-.1384599	.2203814
SMOKEg2	.0396106	.0508359	0.78	0.436	-.0600886	.1393099
SMOKEg3	.0922606	.0534033	1.73	0.084	-.0124741	.1969953
ALCOHOLg2	.0517115	.0524744	0.99	0.327	-.0522716	.1556946
DRUG_USER_EVER	.0324585	.045367	0.72	0.474	-.0565204	.1214373
DR12TKCAL	-9.63e-06	.0000298	-0.32	0.748	-.0000693	.0000501
DASH_TOTAL_SCORE	.0198886	.0140647	1.41	0.158	-.007769	.0475463
PHYSICAL_days_average	3.88e-06	3.15e-06	1.23	0.219	-2.30e-06	.0000101

invmills	**-.0045117**	**.0026496**	**-1.70**	**0.089**	**-.0097079**	**.0006845**
_cons	**-1.302609**	**.1959001**	**-6.65**	**0.000**	**-1.686968**	**-.9182494**

```
54 .
55 .
56 . capture log close
```