```
 1 .
 2 .
 3 . use "E:\16GBBACKUPUSB\BACKUP_USB_SEPTEMBER2014\May Baydoun_folder\UK_BIOBANK_PROJECT\UKB_PAPER3_LE8INFECTDEM\DATA\

 4 .
 5 .
 6 . **********TABLE 2***************
 7 .
 8 .
 9 . ************************************************STSET FOR DEMENTIA*********************************
10 . stset Age_dementia if sample_final2==1, failure(dem_diag==1) enter(baselineage) id(n_eid) scale(1)

   Survival-time data settings

             ID variable: n_eid
           Failure event: dem_diag==1
   Observed time interval: (Age_dementia[_n-1], Age_dementia]
        Enter on or after: time baselineage
        Exit on or before: failure
         Keep observations
                   if exp: sample_final2==1

   ------------------------------------------------------------------------------
       502,389  total observations
       151,052  ignored at outset because of if exp
   ------------------------------------------------------------------------------
       351,337  observations remaining, representing
       351,337  subjects
         6,129  failures in single-failure-per-subject data
     4,349,876  total analysis time at risk and under observation
                                                   At risk from t =         0
                                        Earliest observed entry t =  50.00137
                                             Last observed exit t =  87.63313

11 .
12 .
13 . ************************************************************OVERALL******************
14 .
15 . **Model 1**
16 .
17 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES LE8_TOTALSCORE if sample_final2==1

            Failure _d: dem_diag==1
      Analysis time _t: Age_dementia
     Enter on or after: time baselineage
           ID variable: n_eid

   Iteration 0:   log likelihood = -70796.811
   Iteration 1:   log likelihood = -70406.197
   Iteration 2:   log likelihood = -70405.096
   Iteration 3:   log likelihood = -70405.096
   Refining estimates:
   Iteration 0:   log likelihood = -70405.096

   Cox regression with Breslow method for ties

   No. of subjects =     351,337                         Number of obs = 351,337
   No. of failures =       6,129
   Time at risk    = 4,349,875.9
                                                         LR chi2(7)    =  783.43
   Log likelihood = -70405.096                           Prob > chi2   =  0.0000
```

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	1.07118	.0284158	2.59	0.010	1.016909	1.128347
AGE	.9240181	.0048691	-15.00	0.000	.914524	.9336107
SEX	.7563185	.01954	-10.81	0.000	.7189742	.7956024
NonWhite	1.123788	.0765123	1.71	0.087	.9834014	1.284215
householdsize	.9572518	.0147888	-2.83	0.005	.9287007	.9866805
SES	.710052	.013736	-17.70	0.000	.683634	.7374909
LE8_TOTALSCORE	.9987974	.0001389	-8.66	0.000	.9985253	.9990696

```
18 .
19 . **Model 2: Interaction with LE8 TOTAL SCORE**
20 .  stcox c.infectionburdenbr##c.LE8_TOTALSCOREtert AGE SEX NonWhite householdsize SES if sample_final2==1

          Failure _d: dem_diag==1
    Analysis time _t: Age_dementia
  Enter on or after: time baselineage
        ID variable: n_eid

Iteration 0:   log likelihood = -70796.811
Iteration 1:   log likelihood = -70418.428
Iteration 2:   log likelihood = -70417.423
Iteration 3:   log likelihood = -70417.423
Refining estimates:
Iteration 0:   log likelihood = -70417.423

Cox regression with Breslow method for ties

No. of subjects =     351,337                         Number of obs = 351,337
No. of failures =       6,129
Time at risk    = 4,349,875.9
                                                      LR chi2(8)    =  758.78
Log likelihood = -70417.423                           Prob > chi2   =  0.0000
```

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	1.196636	.0799968	2.69	0.007	1.049683	1.364162
LE8_TOTALSCOREtert	.9139502	.0186028	-4.42	0.000	.8782071	.951148
c.infectionburdenbr#c.LE8_TOTALSCOREtert	.9425955	.0315893	-1.76	0.078	.8826713	1.006588
AGE	.923738	.0048673	-15.06	0.000	.9142475	.9333271
SEX	.754691	.0194995	-10.89	0.000	.7174244	.7938935
NonWhite	1.12702	.0767396	1.76	0.079	.9862176	1.287925
householdsize	.9572971	.0147978	-2.82	0.005	.9287289	.986744
SES	.7028461	.0135327	-18.31	0.000	.6768167	.7298766

```
21 .
22 . **Stratified analysis by LE8 TERTILES**
```

```
23 .
24 . **LOWEST TERTILE**
25 .
26 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES  if sample_final2==1 & LE8_TOTALSCOREtert==1

           Failure _d: dem_diag==1
     Analysis time _t: Age_dementia
   Enter on or after: time baselineage
         ID variable: n_eid

Iteration 0:   log likelihood = -26270.126
Iteration 1:   log likelihood = -26092.539
Iteration 2:   log likelihood = -26091.894
Iteration 3:   log likelihood = -26091.893
Refining estimates:
Iteration 0:   log likelihood = -26091.893

Cox regression with Breslow method for ties

No. of subjects =     123,145                         Number of obs = 123,145
No. of failures =       2,495
Time at risk    = 1,509,919.6
                                                      LR chi2(6)    =  356.47
Log likelihood = -26091.893                           Prob > chi2   =  0.0000

------------------------------------------------------------------------------
          _t | Haz. ratio   Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
infectionbu~r |   1.152965   .047267     3.47   0.001     1.063948     1.24943
         AGE |   .9145042   .007433   -11.00   0.000     .9000513    .9291892
         SEX |   .7625308  .0308549    -6.70   0.000     .7043923     .825468
     NonWhite |   1.147401  .1139731     1.38   0.166     .9444179    1.394012
householdsize |   .9317127   .023534    -2.80   0.005       .88671    .9789994
         SES |   .6775199   .019726   -13.37   0.000     .6399401    .7173066
------------------------------------------------------------------------------

27 .
28 . **MIDDLE TERTILE**
29 .
30 . stcox infectionburdenbr AGE SEX NonWhite householdsize SES  if sample_final2==1 & LE8_TOTALSCOREtert==2

           Failure _d: dem_diag==1
     Analysis time _t: Age_dementia
   Enter on or after: time baselineage
         ID variable: n_eid

Iteration 0:   log likelihood = -21661.663
Iteration 1:   log likelihood = -21554.485
Iteration 2:   log likelihood = -21554.334
Iteration 3:   log likelihood = -21554.334
Refining estimates:
Iteration 0:   log likelihood = -21554.334

Cox regression with Breslow method for ties

No. of subjects =     119,710                         Number of obs = 119,710
No. of failures =       2,063
Time at risk    = 1,484,772.9
                                                      LR chi2(6)    =  214.66
Log likelihood = -21554.334                           Prob > chi2   =  0.0000
```

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	.9962748	.0461247	-0.08	0.936	.9098524	1.090906
AGE	.921919	.008433	-8.89	0.000	.9055379	.9385964
SEX	.7787055	.034692	-5.61	0.000	.7135945	.8497575
NonWhite	.9460063	.1202806	-0.44	0.662	.7373393	1.213726
householdsize	.9770062	.0239076	-0.95	0.342	.931254	1.025006
SES	.6883473	.0230654	-11.15	0.000	.6445924	.7350722

```
31 .
32 . **HIGHEST TERTILE**
33 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES  if sample_final2==1 & LE8_TOTALSCOREtert==3

          Failure _d: dem_diag==1
    Analysis time _t: Age_dementia
  Enter on or after: time baselineage
        ID variable: n_eid

Iteration 0:   log likelihood =  -16181.35
Iteration 1:   log likelihood = -16130.499
Iteration 2:   log likelihood = -16130.337
Iteration 3:   log likelihood = -16130.337
Refining estimates:
Iteration 0:   log likelihood = -16130.337

Cox regression with Breslow method for ties

No. of subjects =     108,482                         Number of obs = 108,482
No. of failures =       1,571
Time at risk    = 1,355,183.4
                                                      LR chi2(6)    =  102.03
Log likelihood = -16130.337                           Prob > chi2   =  0.0000
```

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	1.046886	.0554204	0.87	0.387	.9437089	1.161343
AGE	.9426099	.0099909	-5.58	0.000	.9232301	.9623966
SEX	.7241298	.0370292	-6.31	0.000	.6550723	.8004672
NonWhite	1.355549	.1872869	2.20	0.028	1.033976	1.777133
householdsize	.9758105	.0290952	-0.82	0.412	.9204193	1.034535
SES	.7851226	.031519	-6.03	0.000	.7257144	.849394

```
34 .
35 .
36 .
37 . ********************************************AMONG MEN*************************************
38 .
39 .
40 .
```

```
41 .
42 . **Model 1**
43 .
44 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES LE8_TOTALSCORE if SEX==1 & sample_final2==1

          Failure _d: dem_diag==1
    Analysis time _t: Age_dementia
  Enter on or after: time baselineage
         ID variable: n_eid

note: SEX omitted because of collinearity.
Iteration 0:   log likelihood = -35909.287
Iteration 1:   log likelihood = -35705.872
Iteration 2:   log likelihood = -35705.222
Iteration 3:   log likelihood = -35705.222
Refining estimates:
Iteration 0:   log likelihood = -35705.222

Cox regression with Breslow method for ties

No. of subjects =     162,530                         Number of obs = 162,530
No. of failures =       3,315
Time at risk    = 1,995,864.6
                                                      LR chi2(6)    =  408.13
Log likelihood = -35705.222                           Prob > chi2   =  0.0000

------------------------------------------------------------------------------
          _t | Haz. ratio   Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
infectionbu~r |   1.107833   .0400316     2.83   0.005     1.032086    1.189138
         AGE |   .9258795   .0065393   -10.90   0.000     .9131511    .9387853
         SEX |           1  (omitted)
    NonWhite |    1.14822    .103623     1.53   0.126     .9620707    1.370387
householdsize |   .9555246   .0197925    -2.20   0.028     .9175088    .9951154
         SES |   .6905013   .0175887   -14.54   0.000     .6568746    .7258495
LE8_TOTALSCORE |   .9989548   .0001914    -5.46   0.000     .9985796    .9993301
------------------------------------------------------------------------------

45 .
46 . **Model 2: Interaction with LE8 TOTAL SCORE**
47 .  stcox c.infectionburdenbr##c.LE8_TOTALSCOREtert AGE SEX NonWhite householdsize SES if SEX==1 & sample_final2==1

          Failure _d: dem_diag==1
    Analysis time _t: Age_dementia
  Enter on or after: time baselineage
         ID variable: n_eid

note: SEX omitted because of collinearity.
Iteration 0:   log likelihood = -35909.287
Iteration 1:   log likelihood = -35711.711
Iteration 2:   log likelihood = -35711.053
Iteration 3:   log likelihood = -35711.053
Refining estimates:
Iteration 0:   log likelihood = -35711.053

Cox regression with Breslow method for ties

No. of subjects =     162,530                         Number of obs = 162,530
No. of failures =       3,315
Time at risk    = 1,995,864.6
                                                      LR chi2(7)    =  396.47
Log likelihood = -35711.053                           Prob > chi2   =  0.0000
```

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	1.286151	.1174708	2.76	0.006	1.075344	1.538284
LE8_TOTALSCOREtert	.9442766	.0262473	-2.06	0.039	.8942091	.9971475
c.infectionburdenbr#c.LE8_TOTALSCOREtert	.9223956	.0425404	-1.75	0.080	.8426753	1.009658
AGE	.9252724	.006532	-11.00	0.000	.9125581	.9381638
SEX	1	(omitted)				
NonWhite	1.151768	.103953	1.57	0.117	.9650276	1.374644
householdsize	.955338	.0198176	-2.20	0.028	.9172752	.9949802
SES	.6838044	.0173415	-14.99	0.000	.6506465	.7186521

```
48 .
49 . **Stratification by LE8 TERTILES**
50 .
51 . **LOWEST TERTILE**
52 .
53 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES  if SEX==1 & sample_final2==1 & LE8_TOTALSCOREtert==1

          Failure _d: dem_diag==1
    Analysis time _t: Age_dementia
  Enter on or after: time baselineage
        ID variable: n_eid

note: SEX omitted because of collinearity.
Iteration 0:   log likelihood = -13432.092
Iteration 1:   log likelihood = -13328.656
Iteration 2:   log likelihood = -13328.465
Iteration 3:   log likelihood = -13328.465
Refining estimates:
Iteration 0:   log likelihood = -13328.465

Cox regression with Breslow method for ties

No. of subjects =      61,810                     Number of obs = 61,810
No. of failures =       1,362
Time at risk    = 751,539.348
                                                  LR chi2(5)    = 207.25
Log likelihood = -13328.465                       Prob > chi2   = 0.0000
```

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	1.187586	.0661077	3.09	0.002	1.064836	1.324487
AGE	.9178415	.0098793	-7.96	0.000	.8986812	.9374103
SEX	1	(omitted)				
NonWhite	1.017863	.1446211	0.12	0.901	.7704563	1.344716
householdsize	.9476301	.03086	-1.65	0.099	.8890354	1.010087
SES	.6456312	.0246847	-11.44	0.000	.5990184	.6958712

```
54 .
55 . **MIDDLE TERTILE**
56 .
57 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES  if SEX==1 & sample_final2==1 & LE8_TOTALSCOREtert==2

          Failure _d: dem_diag==1
    Analysis time _t: Age_dementia
  Enter on or after: time baselineage
        ID variable: n_eid

note: SEX omitted because of collinearity.
Iteration 0:   log likelihood = -11014.892
Iteration 1:   log likelihood = -10949.936
Iteration 2:   log likelihood = -10949.839
Iteration 3:   log likelihood = -10949.839
Refining estimates:
Iteration 0:   log likelihood = -10949.839

Cox regression with Breslow method for ties

No. of subjects =      57,334                         Number of obs = 57,334
No. of failures =       1,126
Time at risk    = 706,646.333
                                                      LR chi2(5)    = 130.11
Log likelihood = -10949.839                           Prob > chi2   = 0.0000

------------------------------------------------------------------------------
          _t | Haz. ratio   Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
infectionbu~r |   1.081868   .0674389     1.26   0.207     .9574456     1.22246
         AGE |   .9112316    .011182    -7.58   0.000     .8895767    .9334137
         SEX |           1  (omitted)
    NonWhite |   .9629703   .1625091    -0.22   0.823     .6917763    1.340479
householdsize |   .9676534   .0318948    -1.00   0.318     .9071172     1.03223
         SES |   .6775211   .0296507    -8.90   0.000     .6218294    .7382006
------------------------------------------------------------------------------

58 .
59 . **HIGHEST TERTILE**
60 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES  if SEX==1 & sample_final2==1 & LE8_TOTALSCOREtert==3

          Failure _d: dem_diag==1
    Analysis time _t: Age_dementia
  Enter on or after: time baselineage
        ID variable: n_eid

note: SEX omitted because of collinearity.
Iteration 0:   log likelihood = -7869.8693
Iteration 1:   log likelihood = -7851.6578
Iteration 2:   log likelihood = -7851.0421
Iteration 3:   log likelihood = -7851.0392
Iteration 4:   log likelihood = -7851.0392
Refining estimates:
Iteration 0:   log likelihood = -7851.0392

Cox regression with Breslow method for ties

No. of subjects =      43,386                         Number of obs = 43,386
No. of failures =         827
Time at risk    = 537,678.938
                                                      LR chi2(5)    =  37.66
Log likelihood = -7851.0392                           Prob > chi2   = 0.0000
```

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	1.015601	.0747942	0.21	0.834	.8790955	1.173303
AGE	.9613255	.0139581	-2.72	0.007	.9343536	.989076
SEX	1	(omitted)				
NonWhite	1.709053	.2769407	3.31	0.001	1.244011	2.347941
householdsize	.9573146	.0422928	-0.99	0.323	.8779097	1.043902
SES	.7844071	.0422822	-4.50	0.000	.705763	.8718147

```
61 .
62 .
63 .
64 . ********************************************AMONG WOMEN************************************
65 .
66 .
67 .
68 .
69 . **Model 1**
70 .
71 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES LE8_TOTALSCORE if SEX==2 & sample_final2==1

          Failure _d: dem_diag==1
    Analysis time _t: Age_dementia
  Enter on or after: time baselineage
        ID variable: n_eid

note: SEX omitted because of collinearity.
Iteration 0:   log likelihood =  -30609.58
Iteration 1:   log likelihood = -30465.071
Iteration 2:   log likelihood = -30464.733
Iteration 3:   log likelihood = -30464.733
Refining estimates:
Iteration 0:   log likelihood = -30464.733

Cox regression with Breslow method for ties

No. of subjects =     188,807                         Number of obs = 188,807
No. of failures =       2,814
Time at risk    = 2,354,011.3
                                                      LR chi2(6)    =  289.69
Log likelihood = -30464.733                           Prob > chi2   =  0.0000
```

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	1.031378	.0402744	0.79	0.429	.9553871	1.113414
AGE	.9206526	.0072942	-10.43	0.000	.9064667	.9350606
SEX	1	(omitted)				
NonWhite	1.099411	.1141735	0.91	0.361	.8969397	1.347588
householdsize	.960006	.0221673	-1.77	0.077	.9175273	1.004451
SES	.7371175	.0219278	-10.25	0.000	.6953688	.7813728
LE8_TOTALSCORE	.9986399	.0002023	-6.72	0.000	.9982435	.9990365

```
72 .
73 . **Model 2: Interaction with LE8 TOTAL SCORE**
74 .  stcox c.infectionburdenbr##c.LE8_TOTALSCOREtert AGE SEX NonWhite householdsize SES if SEX==2 & sample_final2==1

          Failure _d: dem_diag==1
    Analysis time _t: Age_dementia
  Enter on or after: time baselineage
         ID variable: n_eid

note: SEX omitted because of collinearity.
Iteration 0:   log likelihood =  -30609.58
Iteration 1:   log likelihood = -30470.515
Iteration 2:   log likelihood = -30470.245
Iteration 3:   log likelihood = -30470.245
Refining estimates:
Iteration 0:   log likelihood = -30470.245

Cox regression with Breslow method for ties

No. of subjects =     188,807                         Number of obs = 188,807
No. of failures =       2,814
Time at risk    = 2,354,011.3
                                                      LR chi2(7)    =  278.67
Log likelihood = -30470.245                           Prob > chi2   =  0.0000
```

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	1.095533	.1075289	0.93	0.353	.903812	1.327922
LE8_TOTALSCOREtert	.8811954	.0263638	-4.23	0.000	.8310092	.9344126
c.infectionburdenbr#c.LE8_TOTALSCOREtert	.9692137	.0473111	-0.64	0.522	.8807832	1.066523
AGE	.9206921	.0072957	-10.43	0.000	.9065032	.935103
SEX	1	(omitted)				
NonWhite	1.101257	.1143873	0.93	0.353	.8984104	1.349904
householdsize	.960315	.0221612	-1.75	0.079	.9178475	1.004747
SES	.7295292	.0215924	-10.65	0.000	.6884129	.7731012

```
75 .
76 . **Stratif SEX==2  by LE8 TERTILES**
77 .
78 . **LOWEST TERTILE**
79 .
80 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES  if SEX==2 & sample_final2==1 & LE8_TOTALSCOREtert==1

          Failure _d: dem_diag==1
    Analysis time _t: Age_dementia
  Enter on or after: time baselineage
         ID variable: n_eid

note: SEX omitted because of collinearity.
Iteration 0:   log likelihood = -11106.178
Iteration 1:   log likelihood = -11044.194
Iteration 2:   log likelihood = -11043.564
Iteration 3:   log likelihood = -11043.558
Iteration 4:   log likelihood = -11043.558
Refining estimates:
Iteration 0:   log likelihood = -11043.558

Cox regression with Breslow method for ties
```

No. of subjects = **61,335** Number of obs = **61,335**
No. of failures = **1,133**
Time at risk = **758,380.258**
LR chi2(**5**) = **125.24**
Log likelihood = **-11043.558** Prob > chi2 = **0.0000**

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	**1.114905**	**.067513**	**1.80**	**0.072**	**.9901324**	**1.2554**
AGE	**.9096748**	**.0112842**	**-7.63**	**0.000**	**.8878249**	**.9320625**
SEX	**1**	(omitted)				
NonWhite	**1.314454**	**.1827514**	**1.97**	**0.049**	**1.000924**	**1.726195**
householdsize	**.9139019**	**.0364043**	**-2.26**	**0.024**	**.845265**	**.9881123**
SES	**.7239577**	**.0325561**	**-7.18**	**0.000**	**.66288**	**.790663**

```
81 .
82 . **MIDDLE TERTILE**
83 .
84 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES  if SEX==2 & sample_final2==1 & LE8_TOTALSCOREtert==2
```

Failure **_d**: **dem_diag==1**
Analysis time **_t**: **Age_dementia**
Enter on or after: **time baselineage**
ID variable: **n_eid**

note: **SEX** omitted because of collinearity.
Iteration 0: log likelihood = **-9212.595**
Iteration 1: log likelihood = **-9178.727**
Iteration 2: log likelihood = **-9178.6977**
Iteration 3: log likelihood = **-9178.6977**
Refining estimates:
Iteration 0: log likelihood = **-9178.6977**

Cox regression with Breslow method for ties

No. of subjects = **62,376** Number of obs = **62,376**
No. of failures = **937**
Time at risk = **778,126.536**
LR chi2(**5**) = **67.79**
Log likelihood = **-9178.6977** Prob > chi2 = **0.0000**

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	**.9049478**	**.0625627**	**-1.44**	**0.149**	**.7902718**	**1.036264**
AGE	**.935606**	**.0128222**	**-4.86**	**0.000**	**.9108094**	**.9610776**
SEX	**1**	(omitted)				
NonWhite	**.9326574**	**.1806111**	**-0.36**	**0.719**	**.6380946**	**1.363199**
householdsize	**.9912231**	**.0363423**	**-0.24**	**0.810**	**.9224926**	**1.065074**
SES	**.7017709**	**.0365916**	**-6.79**	**0.000**	**.6335957**	**.7772818**

```
85 .
86 . **HIGHEST TERTILE**
87 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES  if SEX==2 & sample_final2==1 & LE8_TOTALSCOREtert==3

          Failure _d: dem_diag==1
    Analysis time _t: Age_dementia
  Enter on or after: time baselineage
        ID variable: n_eid

note: SEX omitted because of collinearity.
Iteration 0:   log likelihood = -7208.9888
Iteration 1:   log likelihood = -7187.2352
Iteration 2:   log likelihood = -7187.2234
Iteration 3:   log likelihood = -7187.2234
Refining estimates:
Iteration 0:   log likelihood = -7187.2234

Cox regression with Breslow method for ties

No. of subjects =      65,096                     Number of obs = 65,096
No. of failures =         744
Time at risk    =  817,504.486
                                                  LR chi2(5)    =  43.53
Log likelihood = -7187.2234                       Prob > chi2   = 0.0000

------------------------------------------------------------------------------
          _t | Haz. ratio   Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
infectionbu~r |   1.081056   .0823837     1.02   0.306     .9310675    1.255208
         AGE |   .9190139   .0143931    -5.39   0.000     .8912326    .9476612
         SEX |          1  (omitted)
    NonWhite |   .8531878   .2307888    -0.59   0.557     .5021033     1.44976
householdsize |    .990615   .0401661    -0.23   0.816     .9149378    1.072552
         SES |   .7876972   .0474009    -3.97   0.000     .7000627    .8863017
------------------------------------------------------------------------------

88 .
89 .
90 . capture log close
```