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

 5 .
 6 .
 7 . ***********************************************STSET FOR AD*********************************
 8 . stset Age_AD if sample_final2==1, failure(ad_diag==1) enter(baselineage) id(n_eid) scale(1)

   Survival-time data settings

             ID variable: n_eid
           Failure event: ad_diag==1
   Observed time interval: (Age_AD[_n-1], Age_AD]
        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
         2,595  failures in single-failure-per-subject data
     4,357,328  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

 9 .
10 .
11 .
12 . ***************************************************************OVERALL******************
13 .
14 . **Model 1**
15 .
16 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES LE8_TOTALSCORE if sample_final2==1

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

   Iteration 0:   log likelihood = -29849.733
   Iteration 1:   log likelihood =  -29739.86
   Iteration 2:   log likelihood = -29739.678
   Iteration 3:   log likelihood = -29739.678
   Refining estimates:
   Iteration 0:   log likelihood = -29739.678

   Cox regression with Breslow method for ties

   No. of subjects =     351,337                         Number of obs = 351,337
   No. of failures =       2,595
   Time at risk    = 4,357,327.7
                                                         LR chi2(7)    =  220.11
   Log likelihood = -29739.678                           Prob > chi2   =  0.0000
```

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	1.00634	.0413807	0.15	0.878	.9284173	1.090802
AGE	.9282682	.0076975	-8.98	0.000	.9133033	.9434782
SEX	.9117451	.0360419	-2.34	0.019	.8437715	.9851945
NonWhite	1.067037	.1149037	0.60	0.547	.8640088	1.317775
householdsize	.987551	.0201808	-0.61	0.540	.9487791	1.027907
SES	.7038581	.0209716	-11.79	0.000	.6639317	.7461855
LE8_TOTALSCORE	.9998363	.0002151	-0.76	0.447	.9994148	1.000258

```
17 .
18 . **Model 2: Interaction with LE8 TOTAL SCORE**
19 .  stcox c.infectionburdenbr##c.LE8_TOTALSCOREtert AGE SEX NonWhite householdsize SES  if sample_final2==1

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

Iteration 0:   log likelihood = -29849.733
Iteration 1:   log likelihood = -29739.912
Iteration 2:   log likelihood = -29739.739
Iteration 3:   log likelihood = -29739.739
Refining estimates:
Iteration 0:   log likelihood = -29739.739

Cox regression with Breslow method for ties

No. of subjects =     351,337                         Number of obs = 351,337
No. of failures =       2,595
Time at risk    = 4,357,327.7
                                                      LR chi2(8)    =  219.99
Log likelihood = -29739.739                           Prob > chi2   =  0.0000
```

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	1.075547	.1142467	0.69	0.493	.8734001	1.324481
LE8_TOTALSCOREtert	1.014326	.0311576	0.46	0.643	.9550604	1.07727
c.infectionburdenbr#c.LE8_TOTALSCOREtert	.9661885	.0496072	-0.67	0.503	.8736921	1.068477
AGE	.9282332	.0076968	-8.98	0.000	.9132697	.9434419
SEX	.9105098	.0359935	-2.37	0.018	.8426275	.9838607
NonWhite	1.068784	.1150911	0.62	0.537	.8654239	1.31993
householdsize	.9877831	.0201633	-0.60	0.547	.9490439	1.028104
SES	.7006663	.0207857	-11.99	0.000	.6610889	.7426132

```
20 .
21 . **Stratified analysis by LE8 TERTILES**
```

```
22 .
23 . **LOWEST TERTILE**
24 .
25 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES  if sample_final2==1 & LE8_TOTALSCOREtert==1

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

Iteration 0:   log likelihood = -9898.5019
Iteration 1:   log likelihood = -9844.1478
Iteration 2:   log likelihood = -9844.0656
Iteration 3:   log likelihood = -9844.0656
Refining estimates:
Iteration 0:   log likelihood = -9844.0656

Cox regression with Breslow method for ties

No. of subjects =     123,145                         Number of obs = 123,145
No. of failures =         947
Time at risk    = 1,513,183.3
                                                      LR chi2(6)    =  108.87
Log likelihood = -9844.0656                           Prob > chi2   =  0.0000

------------------------------------------------------------------------------
          _t | Haz. ratio   Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
infectionbu~r |   1.067071   .0715616     0.97   0.333     .9356397    1.216964
         AGE |   .9170406   .0125453    -6.33   0.000      .892779    .9419616
         SEX |   .9508069   .0621307    -0.77   0.440     .8365085    1.080723
     NonWhite |   1.099617   .1799671     0.58   0.562     .7978682    1.515487
householdsize |   .9727814   .0347106    -0.77   0.439     .9070743    1.043248
         SES |   .6757492   .0319537    -8.29   0.000     .6159357    .7413712
------------------------------------------------------------------------------

26 .
27 . **MIDDLE TERTILE**
28 .
29 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES  if sample_final2==1 & LE8_TOTALSCOREtert==2

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

Iteration 0:   log likelihood =  -9430.549
Iteration 1:   log likelihood =  -9394.413
Iteration 2:   log likelihood = -9394.3731
Iteration 3:   log likelihood = -9394.3731
Refining estimates:
Iteration 0:   log likelihood = -9394.3731

Cox regression with Breslow method for ties

No. of subjects =     119,710                         Number of obs = 119,710
No. of failures =         899
Time at risk    = 1,487,228.1
                                                      LR chi2(6)    =   72.35
Log likelihood = -9394.3731                           Prob > chi2   =  0.0000
```

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	.9378982	.0663269	-0.91	0.365	.8165069	1.077337
AGE	.9319362	.0130559	-5.03	0.000	.9066952	.9578798
SEX	.9735911	.0653778	-0.40	0.690	.8535273	1.110544
NonWhite	.7707145	.1638356	-1.23	0.221	.5080989	1.169065
householdsize	.9981434	.0329706	-0.06	0.955	.9355697	1.064902
SES	.6946113	.0354125	-7.15	0.000	.6285592	.7676046

```
30 .
31 . **HIGHEST TERTILE**
32 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES  if sample_final2==1 & LE8_TOTALSCOREtert==3

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

Iteration 0:   log likelihood = -7679.3911
Iteration 1:   log likelihood = -7654.8331
Iteration 2:   log likelihood = -7654.6637
Iteration 3:   log likelihood = -7654.6634
Refining estimates:
Iteration 0:   log likelihood = -7654.6634

Cox regression with Breslow method for ties

No. of subjects =     108,482                         Number of obs = 108,482
No. of failures =         749
Time at risk    = 1,356,916.4
                                                      LR chi2(6)    =   49.46
Log likelihood = -7654.6634                           Prob > chi2   =  0.0000
```

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	1.012159	.0780122	0.16	0.875	.8702468	1.177214
AGE	.9372882	.0146633	-4.14	0.000	.9089848	.9664729
SEX	.8006858	.0591371	-3.01	0.003	.6927778	.9254016
NonWhite	1.443993	.2798774	1.90	0.058	.9876063	2.111284
householdsize	.9961861	.0372392	-0.10	0.919	.9258082	1.071914
SES	.7500972	.0432629	-4.99	0.000	.6699206	.8398694

```
33 .
34 . ********************************************AMONG MEN*************************************
35 .
36 .
37 .
38 .
39 . **Model 1**
```

```
40 .
41 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES LE8_TOTALSCORE if SEX==1 & sample_final2==1

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

note: SEX omitted because of collinearity.
Iteration 0:   log likelihood = -13859.655
Iteration 1:   log likelihood =  -13804.56
Iteration 2:   log likelihood = -13804.469
Iteration 3:   log likelihood = -13804.469
Refining estimates:
Iteration 0:   log likelihood = -13804.469

Cox regression with Breslow method for ties

No. of subjects =     162,530                         Number of obs = 162,530
No. of failures =       1,287
Time at risk    = 1,999,924.6
                                                      LR chi2(6)    =  110.37
Log likelihood = -13804.469                           Prob > chi2   =  0.0000

------------------------------------------------------------------------------
          _t | Haz. ratio   Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
infectionbu~r |   1.014494    .059625     0.24   0.807     .9041106    1.138353
         AGE |   .9311289   .0108517    -6.12   0.000      .910101    .9526426
         SEX |          1  (omitted)
    NonWhite |   1.089064   .1618493     0.57   0.566     .8138671    1.457314
householdsize |   .9808367   .0293098    -0.65   0.517     .9250405    1.039998
         SES |   .6992898   .0286354    -8.73   0.000     .6453586    .7577279
LE8_TOTALSCORE |   1.000118   .0003103     0.38   0.703     .9995103    1.000727
------------------------------------------------------------------------------

42 .
43 . **Model 2: Interaction with LE8 TOTAL SCORE**
44 .  stcox c.infectionburdenbr##c.LE8_TOTALSCOREtert AGE SEX NonWhite householdsize SES if SEX==1 & sample_final2==1

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

note: SEX omitted because of collinearity.
Iteration 0:   log likelihood = -13859.655
Iteration 1:   log likelihood = -13802.591
Iteration 2:   log likelihood = -13802.503
Iteration 3:   log likelihood = -13802.503
Refining estimates:
Iteration 0:   log likelihood = -13802.503

Cox regression with Breslow method for ties

No. of subjects =     162,530                         Number of obs = 162,530
No. of failures =       1,287
Time at risk    = 1,999,924.6
                                                      LR chi2(7)    =  114.30
Log likelihood = -13802.503                           Prob > chi2   =  0.0000
```

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	1.231847	.1881859	1.36	0.172	.9131056	1.661852
LE8_TOTALSCOREtert	1.091163	.0474797	2.01	0.045	1.001962	1.188305
c.infectionburdenbr#c.LE8_TOTALSCOREtert	.9038229	.0669725	-1.36	0.172	.7816459	1.045097
AGE	.9308483	.0108451	-6.15	0.000	.9098331	.9523489
SEX	1	(omitted)				
NonWhite	1.090541	.1620669	0.58	0.560	.8149737	1.459285
householdsize	.981131	.0293018	-0.64	0.524	.925349	1.040276
SES	.6951969	.0283605	-8.91	0.000	.6417755	.7530651

```
45 .
46 . **Stratif SEX==1 by LE8 TERTILES**
47 .
48 . **LOWEST TERTILE**
49 .
50 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES  if SEX==1 & sample_final2==1 & LE8_TOTALSCOREtert==1

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

note: SEX omitted because of collinearity.
Iteration 0:   log likelihood = -4554.8187
Iteration 1:   log likelihood = -4529.8995
Iteration 2:   log likelihood = -4529.8755
Iteration 3:   log likelihood = -4529.8755
Refining estimates:
Iteration 0:   log likelihood = -4529.8755

Cox regression with Breslow method for ties

No. of subjects =      61,810                     Number of obs = 61,810
No. of failures =         467
Time at risk    = 753,376.476
                                                  LR chi2(5)    =  49.89
Log likelihood = -4529.8755                       Prob > chi2   = 0.0000
```

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	1.10639	.1061104	1.05	0.292	.9167947	1.335194
AGE	.9193098	.0177006	-4.37	0.000	.8852638	.9546652
SEX	1	(omitted)				
NonWhite	.8953927	.2302819	-0.43	0.667	.5408751	1.48228
householdsize	.9941118	.0468886	-0.13	0.900	.9063317	1.090394
SES	.6919284	.0451484	-5.64	0.000	.6088638	.7863252

```
51 . **MIDDLE TERTILE**
52 .
53 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES  if SEX==1 & sample_final2==1 & LE8_TOTALSCOREtert==2

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

note: SEX omitted because of collinearity.
Iteration 0:   log likelihood = -4326.4446
Iteration 1:   log likelihood = -4300.0931
Iteration 2:   log likelihood = -4300.0376
Iteration 3:   log likelihood = -4300.0376
Refining estimates:
Iteration 0:   log likelihood = -4300.0376

Cox regression with Breslow method for ties

No. of subjects =      57,334                         Number of obs = 57,334
No. of failures =         443
Time at risk    = 707,942.525
                                                      LR chi2(5)    =  52.81
Log likelihood = -4300.0376                           Prob > chi2   = 0.0000

------------------------------------------------------------------------------
          _t | Haz. ratio   Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
infectionbu~r |   1.013305   .101617     0.13   0.895     .8324905    1.233392
         AGE |   .9260783   .018339    -3.88   0.000     .8908232    .9627287
         SEX |          1  (omitted)
    NonWhite |   .7050918   .2165453   -1.14   0.255     .3862137    1.287252
householdsize |   .9947759   .0442588   -0.12   0.906     .9117048    1.085416
         SES |    .640735   .0444741   -6.41   0.000     .5592367    .7341102
------------------------------------------------------------------------------

54 .
55 . **HIGHEST TERTILE**
56 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES  if SEX==1 & sample_final2==1 & LE8_TOTALSCOREtert==3

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

note: SEX omitted because of collinearity.
Iteration 0:   log likelihood = -3568.6989
Iteration 1:   log likelihood = -3557.7339
Iteration 2:   log likelihood = -3556.9679
Iteration 3:   log likelihood = -3556.9599
Iteration 4:   log likelihood = -3556.9599
Refining estimates:
Iteration 0:   log likelihood = -3556.9599

Cox regression with Breslow method for ties

No. of subjects =      43,386                         Number of obs = 43,386
No. of failures =         377
Time at risk    = 538,605.649
                                                      LR chi2(5)    =  23.48
Log likelihood = -3556.9599                           Prob > chi2   = 0.0003
```

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	.906991	.1010303	-0.88	0.381	.7290999	1.128285
AGE	.9510044	.0207187	-2.31	0.021	.9112513	.9924917
SEX	1	(omitted)				
NonWhite	1.954215	.4446433	2.94	0.003	1.251117	3.052435
householdsize	.9425278	.0643113	-0.87	0.386	.824545	1.077393
SES	.7808078	.0621891	-3.11	0.002	.6679569	.9127249

```
57 .
58 .
59 .
60 . ********************************************AMONG WOMEN************************************
61 .
62 .
63 .
64 .
65 . **Model 1**
66 .
67 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES LE8_TOTALSCORE if SEX==2 & sample_final2==1

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

note: SEX omitted because of collinearity.
Iteration 0:   log likelihood = -14188.718
Iteration 1:   log likelihood = -14134.076
Iteration 2:   log likelihood = -14133.998
Iteration 3:   log likelihood = -14133.998
Refining estimates:
Iteration 0:   log likelihood = -14133.998

Cox regression with Breslow method for ties

No. of subjects =     188,807                         Number of obs = 188,807
No. of failures =       1,308
Time at risk    = 2,357,403.1
                                                      LR chi2(6)    =  109.44
Log likelihood = -14133.998                           Prob > chi2   =  0.0000
```

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	.9989711	.0574935	-0.02	0.986	.892409	1.118258
AGE	.9244999	.0109241	-6.64	0.000	.903335	.9461607
SEX	1	(omitted)				
NonWhite	1.046033	.163648	0.29	0.774	.7698001	1.421388
householdsize	.9938932	.0275753	-0.22	0.825	.9412898	1.049436
SES	.7093646	.0308271	-7.90	0.000	.6514463	.7724324
LE8_TOTALSCORE	.999593	.0002991	-1.36	0.174	.9990069	1.000179

```
68 .
69 . **Model 2: Interaction with LE8 TOTAL SCORE**
70 .  stcox c.infectionburdenbr##c.LE8_TOTALSCOREtert AGE SEX NonWhite householdsize SES  if SEX==2 & sample_final2==1

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

note: SEX omitted because of collinearity.
Iteration 0:   log likelihood = -14188.718
Iteration 1:   log likelihood = -14134.084
Iteration 2:   log likelihood = -14134.012
Iteration 3:   log likelihood = -14134.012
Refining estimates:
Iteration 0:   log likelihood = -14134.012

Cox regression with Breslow method for ties

No. of subjects =     188,807                         Number of obs = 188,807
No. of failures =       1,308
Time at risk    = 2,357,403.1
                                                      LR chi2(7)    =  109.41
Log likelihood = -14134.012                           Prob > chi2   =  0.0000
```

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	.9396475	.1389121	-0.42	0.674	.7032799	1.255457
LE8_TOTALSCOREtert	.9455156	.041054	-1.29	0.197	.8683799	1.029503
c.infectionburdenbr#c.LE8_TOTALSCOREtert	1.032926	.0736275	0.45	0.649	.898246	1.1878
AGE	.9244882	.0109248	-6.64	0.000	.903322	.9461502
SEX	1	(omitted)				
NonWhite	1.04566	.1636056	0.29	0.775	.7695029	1.420924
householdsize	.9938876	.0275755	-0.22	0.825	.9412839	1.049431
SES	.7076931	.0306046	-7.99	0.000	.650181	.7702924

```
71 .
72 . **Stratif SEX==2  by LE8 TERTILES**
73 .
74 . **LOWEST TERTILE**
75 .
76 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES  if SEX==2 & sample_final2==1 & LE8_TOTALSCOREtert==1

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

note: SEX omitted because of collinearity.
Iteration 0:   log likelihood = -4687.9564
Iteration 1:   log likelihood = -4657.6259
Iteration 2:   log likelihood = -4657.4666
Iteration 3:   log likelihood = -4657.4662
Iteration 4:   log likelihood = -4657.4662
Refining estimates:
Iteration 0:   log likelihood = -4657.4662

Cox regression with Breslow method for ties
```

No. of subjects = **61,335** Number of obs = **61,335**
No. of failures = **480**
Time at risk = **759,806.777**
LR chi2(**5**) = **60.98**
Log likelihood = **-4657.4662** Prob > chi2 = **0.0000**

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	**1.032509**	**.0967958**	**0.34**	**0.733**	**.8592022**	**1.240773**
AGE	**.9152109**	**.0178028**	**-4.55**	**0.000**	**.8809747**	**.9507775**
SEX	**1**	(omitted)				
NonWhite	**1.293613**	**.2749898**	**1.21**	**0.226**	**.8528256**	**1.962224**
householdsize	**.9508292**	**.0524717**	**-0.91**	**0.361**	**.8533532**	**1.05944**
SES	**.6587485**	**.045227**	**-6.08**	**0.000**	**.5758105**	**.7536326**

```
77 .
78 . **MIDDLE TERTILE**
79 .
80 .  stcox infectionburdenbr AGE SEX NonWhite householdsize SES  if SEX==2 & sample_final2==1 & LE8_TOTALSCOREtert==2
```

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

note: **SEX** omitted because of collinearity.
Iteration 0: log likelihood = **-4480.365**
Iteration 1: log likelihood = **-4468.4593**
Iteration 2: log likelihood = **-4468.4544**
Iteration 3: log likelihood = **-4468.4544**
Refining estimates:
Iteration 0: log likelihood = **-4468.4544**

Cox regression with Breslow method for ties

No. of subjects = **62,376** Number of obs = **62,376**
No. of failures = **456**
Time at risk = **779,285.536**
LR chi2(**5**) = **23.82**
Log likelihood = **-4468.4544** Prob > chi2 = **0.0002**

_t	Haz. ratio	Std. err.	z	P>|z|	[95% conf.	interval]
infectionburdenbr	**.8733366**	**.0870905**	**-1.36**	**0.174**	**.7182878**	**1.061854**
AGE	**.9379287**	**.0185843**	**-3.23**	**0.001**	**.9022023**	**.9750698**
SEX	**1**	(omitted)				
NonWhite	**.8556708**	**.2521859**	**-0.53**	**0.597**	**.4802175**	**1.524668**
householdsize	**1.00352**	**.0494092**	**0.07**	**0.943**	**.9112056**	**1.105187**
SES	**.7615118**	**.057247**	**-3.62**	**0.000**	**.6571843**	**.8824012**

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

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

note: SEX omitted because of collinearity.
Iteration 0:   log likelihood = -3588.0021
Iteration 1:   log likelihood = -3573.8293
Iteration 2:   log likelihood = -3573.7847
Iteration 3:   log likelihood = -3573.7844
Iteration 4:   log likelihood = -3573.7844
Refining estimates:
Iteration 0:   log likelihood = -3573.7844

Cox regression with Breslow method for ties

No. of subjects =      65,096                     Number of obs = 65,096
No. of failures =         372
Time at risk    = 818,310.753
                                                  LR chi2(5)    =  28.44
Log likelihood = -3573.7844                       Prob > chi2   = 0.0000

------------------------------------------------------------------------------
          _t | Haz. ratio   Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
infectionbu~r |   1.124169   .1205175     1.09   0.275     .9111247    1.387029
         AGE |   .9192164   .0207923    -3.72   0.000     .8793544    .9608854
         SEX |          1  (omitted)
    NonWhite |   .8360572   .3197446    -0.47   0.640     .3950932    1.769182
householdsize |   1.029422   .0426429     0.70   0.484     .9491465    1.116487
         SES |   .7208422   .0604763    -3.90   0.000     .6115433    .8496758
------------------------------------------------------------------------------

. 
. 
. 
. ************************************HOSPITAL TREATED INFECTIONS: TABLES S2-S3*********************************
. 
. capture log close
```