```
                                                                  ___  ____  ____  ____  ____(R)
                                                                 /__    /   ____/   /   ____/
                                                                ___/   /   /___/   /   /___/
                                                                  Statistics/Data analysis
```

```
 1 .
 2 .
 3 . *******************************************TABLE S2: INFECTION BURDEN VS. FA/MD, OVERALL AND BY LE8 TOTAL SCO
 4 .
 5 . use finaldata_imputedFINAL, clear

 6 .
 7 .
 8 . **Main exposures: infectionburdenhosptert
 9 . **Main outcomes: FA_mean MD_mean
10 . **Main covariates:
11 . **invmillsMRIINF
12 . **AGE SEX  i.RACE_ETHN AD_PGS householdsize TIME_V0V2
13 . **ICV: for sub-coritcal volumes
14 . **i.educationbr townsend i.householdincome
15 .
16 .
17 . **Main effect modifier: LE8_TOTALSCOREtert
18 .
19 .
20 .
21 . **************INFECTION BURDEN************************************
22 .
23 . ************Overall******************
24 .
25 . foreach y1 of varlist ISOVF_mean ICVF_mean OD_mean {
     2. mi estimate:reg `y1' c.infectionburdenhosptert AGE SEX  i.RACE_ETHN AD_PGS householdsize TIME_V0V2 i.educati
     3. }

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =     38,803
                                                Average RVI       =     0.0325
                                                Largest FMI       =     0.1846
                                                Complete DF       =      38784
DF adjustment:   Small sample                   DF:     min       =     133.74
                                                        avg       =  25,797.81
                                                        max       =  38,779.45
Model F test:       Equal FMI                   F(  18,23321.7)   =     527.58
Within VCE type:          OLS                   Prob > F          =     0.0000

------------------------------------------------------------------------------
             ISOVF_mean | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
------------------------+-----------------------------------------------------
infectionburdenhosptert |   .0002219   .0001007     2.20   0.028     .0000245    .0004193
                    AGE |   .0007152   8.91e-06    80.23   0.000     .0006977    .0007327
                    SEX |  -.0014371   .0001228   -11.70   0.000    -.0016779   -.0011964
                        |
              RACE_ETHN |
                      1 |  -.0000864   .0007648    -0.11   0.910    -.0015855    .0014127
                      2 |  -.0001186   .0006027    -0.20   0.844    -.0012999    .0010628
                      3 |  -.0000333   .0004879    -0.07   0.946    -.0009896    .0009229
                        |
                 AD_PGS |   .0000756   .0000605     1.25   0.211    -.0000429    .0001941
          householdsize |  -.0001596   .0000551    -2.90   0.004    -.0002675   -.0000516
              TIME_V0V2 |   2.44e-06   9.45e-08    25.83   0.000     2.26e-06    2.63e-06
                        |
             educationbr |
                      1 |   .0003143   .0001886     1.67   0.096    -.0000559    .0006845
                      2 |   .0005589   .0001806     3.09   0.002     .0002048     .000913
                        |
               townsend |  -.0001025   .0000228    -4.51   0.000    -.0001471   -.0000579
```

householdincome						
2	-.0004739	.0002308	-2.05	0.041	-.000928	-.0000198
3	-.0006377	.0002341	-2.72	0.007	-.0011007	-.0001746
4	-.0009221	.0002309	-3.99	0.000	-.0013748	-.0004693
5	-.0016235	.000312	-5.20	0.000	-.0022365	-.0010105
LE8_TOTALSCORE	-4.32e-06	6.66e-07	-6.50	0.000	-5.63e-06	-3.02e-06
invmillsMRIINF	-4.68e-07	5.23e-07	-0.89	0.371	-1.49e-06	5.58e-07
_cons	.0518576	.0008064	64.31	0.000	.0502769	.0534382

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 38,803
Average RVI = 0.0527
Largest FMI = 0.3664
Complete DF = 38784
DF adjustment: **Small sample** — DF: min = 36.16
avg = 21,227.13
max = 38,777.66
Model F test: **Equal FMI** — F(18,14531.3) = 206.55
Within VCE type: **OLS** — Prob > F = 0.0000

ICVF_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdenhosptert	-.0006311	.000227	-2.78	0.005	-.001076	-.0001863
AGE	-.0010826	.0000201	-53.84	0.000	-.001122	-.0010432
SEX	-.0000839	.000277	-0.30	0.762	-.0006269	.0004591
RACE_ETHN						
1	.0023734	.0017239	1.38	0.169	-.0010055	.0057524
2	.0019509	.0013586	1.44	0.151	-.0007119	.0046137
3	.0013661	.0010995	1.24	0.214	-.0007889	.0035212
AD_PGS	-.0003037	.0001363	-2.23	0.026	-.0005708	-.0000366
householdsize	.0000721	.0001255	0.57	0.565	-.0001738	.0003181
TIME_V0V2	-1.19e-07	2.13e-07	-0.56	0.577	-5.37e-07	2.99e-07
educationbr						
1	-.0002041	.0004237	-0.48	0.630	-.0010354	.0006272
2	-.0004502	.0004304	-1.05	0.297	-.0012983	.0003978
townsend	-.0000537	.0000515	-1.04	0.297	-.0001547	.0000473
householdincome						
2	.0011707	.0005756	2.03	0.047	.000016	.0023255
3	.0019588	.0005875	3.33	0.002	.0007676	.0031501
4	.0024962	.000601	4.15	0.000	.001289	.0037033
5	.0022044	.0007747	2.85	0.006	.0006565	.0037523
LE8_TOTALSCORE	-1.33e-06	1.50e-06	-0.89	0.374	-4.28e-06	1.61e-06
invmillsMRIINF	3.86e-07	1.18e-06	0.33	0.743	-1.93e-06	2.70e-06
_cons	.6720763	.0018399	365.28	0.000	.668469	.6756836

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 38,803
Average RVI = 0.0324
Largest FMI = 0.2717
Complete DF = 38784
DF adjustment: **Small sample** — DF: min = 64.19
avg = 20,981.58
max = 38,772.65
Model F test: **Equal FMI** — F(18,23385.0) = 192.61
Within VCE type: **OLS** — Prob > F = 0.0000

OD_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdenhosptert	.0001216	.0000694	1.75	0.080	-.0000145	.0002577
AGE	.0002249	6.16e-06	36.51	0.000	.0002128	.000237
SEX	.0005384	.0000848	6.35	0.000	.0003723	.0007046
RACE_ETHN						
1	.002653	.0005272	5.03	0.000	.0016197	.0036864
2	.0014877	.0004154	3.58	0.000	.0006736	.0023018
3	.0004763	.0003362	1.42	0.157	-.0001827	.0011353
AD_PGS	.0000252	.0000417	0.60	0.545	-.0000565	.0001069
householdsize	-.0001227	.0000383	-3.21	0.001	-.0001977	-.0000477
TIME_V0V2	2.24e-06	6.52e-08	34.44	0.000	2.12e-06	2.37e-06
educationbr						
1	.0000196	.0001315	0.15	0.882	-.0002388	.0002779
2	-.0004663	.0001258	-3.71	0.000	-.0007132	-.0002195
townsend	-7.46e-06	.0000158	-0.47	0.636	-.0000383	.0000234
householdincome						
2	-.0003751	.0001635	-2.29	0.023	-.0006981	-.0000521
3	-.0005426	.0001665	-3.26	0.002	-.0008738	-.0002114
4	-.0006812	.0001796	-3.79	0.000	-.00104	-.0003224
5	-.0011497	.0002236	-5.14	0.000	-.0015912	-.0007081
LE8_TOTALSCORE	-7.59e-06	4.59e-07	-16.54	0.000	-8.49e-06	-6.69e-06
invmillsMRIINF	-3.12e-07	3.61e-07	-0.87	0.387	-1.02e-06	3.95e-07
_cons	.1118043	.0005605	199.47	0.000	.1107054	.1129031

```
26 .
27 .
28 .
29 . ************LE8 TOTAL SCORE LOWEST TERTILE**********************
30 .
31 . foreach y1 of varlist ISOVF_mean ICVF_mean OD_mean {
     2. mi estimate:reg `y1' c.infectionburdenhosptert AGE SEX  i.RACE_ETHN AD_PGS householdsize TIME_V0V2 i.educati
     3. }
```

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 12,190
Average RVI = 0.0235
Largest FMI = 0.0926
Complete DF = 12172
DF adjustment: **Small sample** — DF: min = 482.80
avg = 9,043.97
max = 12,169.76
Model F test: **Equal FMI** — F(17,10873.7) = 158.33
Within VCE type: **OLS** — Prob > F = 0.0000

ISOVF_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdenhosptert	.0002943	.0001719	1.71	0.087	-.0000427	.0006314
AGE	.000735	.0000169	43.60	0.000	.000702	.0007681
SEX	-.0020125	.0002239	-8.99	0.000	-.0024514	-.0015735
RACE_ETHN						
1	.0003825	.0012416	0.31	0.758	-.0020512	.0028163
2	.0009801	.0011008	0.89	0.373	-.0011777	.0031379
3	.0005673	.0008922	0.64	0.525	-.0011816	.0023161
AD_PGS	.0001878	.0001106	1.70	0.090	-.000029	.0004047
householdsize	-.0003288	.0001089	-3.02	0.003	-.0005423	-.0001154
TIME_V0V2	2.42e-06	1.72e-07	14.07	0.000	2.08e-06	2.76e-06
educationbr						
1	.0004021	.0003123	1.29	0.198	-.0002101	.0010144
2	.000359	.0003142	1.14	0.253	-.0002569	.000975
townsend	-.0000439	.0000403	-1.09	0.276	-.0001229	.0000351
householdincome						
2	-.0005062	.0003942	-1.28	0.200	-.0012808	.0002684
3	-.0003195	.0003828	-0.83	0.404	-.001071	.000432
4	-.0009696	.0004094	-2.37	0.018	-.0017725	-.0001667
5	-.00118	.0005705	-2.07	0.039	-.0022985	-.0000615
invmillsMRIINF	-1.37e-06	1.33e-06	-1.02	0.306	-3.98e-06	1.25e-06
_cons	.0500974	.0013312	37.63	0.000	.0474881	.0527068

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 12,190
Average RVI = 0.0455
Largest FMI = 0.2460
Complete DF = 12172
DF adjustment: **Small sample** — DF: min = 77.10
avg = 8,451.61
max = 12,168.10
Model F test: **Equal FMI** — F(17, 8533.4) = 74.62
Within VCE type: **OLS** — Prob > F = 0.0000

ICVF_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdenhosptert	-.0009697	.000391	-2.48	0.013	-.0017361	-.0002034
AGE	-.0012266	.0000383	-32.05	0.000	-.0013016	-.0011516
SEX	-.000026	.0005089	-0.05	0.959	-.0010236	.0009716
RACE_ETHN						
1	-.0010476	.0028221	-0.37	0.711	-.0065794	.0044843
2	.0021443	.0025012	0.86	0.391	-.0027586	.0070471
3	.0027502	.0020283	1.36	0.175	-.0012256	.006726
AD_PGS	-.0004552	.0002514	-1.81	0.070	-.000948	.0000377
householdsize	.0001124	.0002479	0.45	0.650	-.0003735	.0005984
TIME_V0V2	-5.21e-07	3.91e-07	-1.33	0.182	-1.29e-06	2.45e-07
educationbr						
1	-.0000661	.0007458	-0.09	0.929	-.001533	.0014009
2	-.000116	.0008029	-0.14	0.885	-.0017148	.0014827
townsend	-.0000984	.0000916	-1.07	0.283	-.000278	.0000812
householdincome						
2	.0018315	.0008641	2.12	0.034	.0001375	.0035255
3	.0020804	.0008711	2.39	0.017	.0003699	.0037909
4	.0026365	.0009367	2.81	0.005	.0007989	.004474
5	.0016304	.0012984	1.26	0.209	-.0009153	.0041762
invmillsMRIINF	8.77e-07	3.03e-06	0.29	0.773	-5.07e-06	6.82e-06
_cons	.6807545	.0030311	224.59	0.000	.6748128	.6866962

Multiple-imputation estimates
Linear regression

DF adjustment: **Small sample**

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

Imputations = **5**
Number of obs = **12,190**
Average RVI = **0.0438**
Largest FMI = **0.3148**
Complete DF = **12172**
DF: min = **48.24**
avg = **6,622.70**
max = **12,165.60**
F(**17, 8723.2**) = **43.36**
Prob > F = **0.0000**

OD_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdenhosptert	.0002402	.0001185	2.03	0.043	7.82e-06	.0004725
AGE	.0001862	.0000117	15.98	0.000	.0001633	.000209
SEX	.0004292	.0001547	2.78	0.006	.0001261	.0007324
RACE_ETHN						
1	.001827	.0008555	2.14	0.033	.0001502	.0035038
2	.0006875	.0007583	0.91	0.365	-.0007988	.0021738
3	.0007048	.0006146	1.15	0.252	-.0005	.0019096
AD_PGS	-.0000107	.0000762	-0.14	0.888	-.0001601	.0001387
householdsize	-.0000666	.000076	-0.88	0.381	-.0002156	.0000824
TIME_V0V2	2.24e-06	1.18e-07	18.93	0.000	2.01e-06	2.48e-06
educationbr						
1	.0003125	.0002214	1.41	0.159	-.0001221	.000747
2	-.0003134	.0002177	-1.44	0.150	-.0007403	.0001135

townsend	.0000246	.000028	0.88	0.379	-.0000303	.0000796
householdincome						
2	-.000265	.000281	-0.94	0.347	-.0008195	.0002896
3	-.0006587	.0002957	-2.23	0.030	-.0012508	-.0000666
4	-.0008373	.0003274	-2.56	0.014	-.0014955	-.0001792
5	-.0014603	.000411	-3.55	0.000	-.0022689	-.0006517
invmillsMRIINF	-4.45e-07	9.20e-07	-0.48	0.629	-2.25e-06	1.36e-06
_cons	.1106264	.0009317	118.73	0.000	.1087993	.1124535

```
32 .
33 .
34 .
35 . ************LE8 TOTAL SCORE SECOND TERTILE**********************
36 .
37 .
38 . foreach y1 of varlist ISOVF_mean ICVF_mean OD_mean {
  2. mi estimate:reg `y1' c.infectionburdenhosptert AGE SEX  i.RACE_ETHN AD_PGS householdsize TIME_V0V2 i.educati
  3. }
```

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 12,806
Average RVI = 0.0472
Largest FMI = 0.2837
Complete DF = 12788
DF adjustment: **Small sample** — DF: min = 58.85
avg = 8,824.90
max = 12,785.01
Model F test: **Equal FMI** — F(17, 8640.8) = 173.82
Within VCE type: **OLS** — Prob > F = 0.0000

ISOVF_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdenhosptert	.0002226	.0001801	1.24	0.217	-.0001305	.0005757
AGE	.0007254	.0000157	46.19	0.000	.0006946	.0007562
SEX	-.0013237	.000213	-6.22	0.000	-.0017411	-.0009062
RACE_ETHN						
1	.0002349	.0012361	0.19	0.849	-.002188	.0026578
2	-.0013922	.001042	-1.34	0.182	-.0034346	.0006502
3	.0002758	.0008912	0.31	0.757	-.001471	.0020227
AD_PGS	.0002172	.0001058	2.05	0.040	9.73e-06	.0004246
householdsize	-.0001857	.0000972	-1.91	0.056	-.0003763	4.85e-06
TIME_V0V2	2.22e-06	1.66e-07	13.35	0.000	1.89e-06	2.55e-06
educationbr						
1	.0003221	.0003317	0.97	0.332	-.000329	.0009731
2	.0007731	.0003196	2.42	0.016	.0001461	.0014001
townsend	-.0001476	.0000409	-3.61	0.000	-.0002278	-.0000675
householdincome						
2	-.0006341	.0004155	-1.53	0.128	-.0014528	.0001846
3	-.0006389	.0004445	-1.44	0.156	-.0015284	.0002507
4	-.0010634	.0004058	-2.62	0.009	-.001859	-.0002679
5	-.0017948	.0005603	-3.20	0.001	-.0028963	-.0006933
invmillsMRIINF	-5.09e-07	7.25e-07	-0.70	0.483	-1.93e-06	9.12e-07
_cons	.0495397	.0012904	38.39	0.000	.0470102	.0520691

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 12,806
Average RVI = 0.0708
Largest FMI = 0.4342
Complete DF = 12788
DF adjustment: **Small sample** — DF: min = 25.91
avg = 7,443.86
max = 12,781.97
Model F test: **Equal FMI** — F(17, 6309.6) = 72.50
Within VCE type: **OLS** — Prob > F = 0.0000

ICVF_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdenhosptert	-.0005014	.0003993	-1.26	0.209	-.0012841	.0002814
AGE	-.0010689	.0000349	-30.61	0.000	-.0011374	-.0010005
SEX	.0006466	.0004725	1.37	0.171	-.0002796	.0015728
RACE_ETHN						
1	.0043595	.0027405	1.59	0.112	-.0010123	.0097312
2	.0018654	.00231	0.81	0.419	-.0026626	.0063934
3	-.0005754	.0019757	-0.29	0.771	-.0044481	.0032973
AD_PGS	-.0003625	.0002346	-1.55	0.122	-.0008224	.0000974
householdsize	.0004245	.0002162	1.96	0.050	6.21e-07	.0008483
TIME_V0V2	2.37e-08	3.69e-07	0.06	0.949	-6.99e-07	7.46e-07
educationbr						
1	-.0005952	.0007413	-0.80	0.422	-.0020511	.0008607
2	-.0009929	.0007425	-1.34	0.183	-.0024565	.0004706
townsend	-.0000521	.0000911	-0.57	0.567	-.0002308	.0001266
householdincome						
2	.0004504	.0011023	0.41	0.686	-.0018159	.0027167
3	.0015124	.0010415	1.45	0.155	-.000602	.0036268
4	.0024307	.0010657	2.28	0.027	.000283	.0045783
5	.0015475	.0014489	1.07	0.293	-.0013938	.0044887
invmillsMRIINF	9.88e-07	1.61e-06	0.62	0.539	-2.16e-06	4.14e-06
_cons	.6690355	.002892	231.34	0.000	.6633655	.6747055

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 12,806
Average RVI = 0.0288
Largest FMI = 0.1067
Complete DF = 12788
DF adjustment: **Small sample** — DF: min = 371.87
avg = 8,739.79
max = 12,784.52
Model F test: **Equal FMI** — F(17,10785.9) = 70.59
Within VCE type: **OLS** — Prob > F = 0.0000

OD_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdenhosptert	.0001819	.0001189	1.53	0.126	-.0000512	.0004151
AGE	.000239	.0000104	23.06	0.000	.0002187	.0002593
SEX	.0006617	.0001407	4.70	0.000	.000386	.0009375
RACE_ETHN						
1	.0033704	.0008161	4.13	0.000	.0017708	.0049701
2	.0028508	.000688	4.14	0.000	.0015021	.0041994
3	.0002377	.0005882	0.40	0.686	-.0009153	.0013907
AD_PGS	.0000665	.0000699	0.95	0.341	-.0000705	.0002035
householdsize	-.0002056	.0000647	-3.18	0.001	-.0003325	-.0000788
TIME_V0V2	2.26e-06	1.10e-07	20.62	0.000	2.05e-06	2.48e-06
educationbr						
1	-.0000725	.0002172	-0.33	0.738	-.0004986	.0003535
2	-.0005806	.0002072	-2.80	0.005	-.0009868	-.0001743
townsend	-.000034	.000027	-1.26	0.208	-.000087	.000019
householdincome						
2	-.0005925	.0002651	-2.23	0.026	-.0011129	-.0000721
3	-.0005876	.0002589	-2.27	0.023	-.0010956	-.0000797
4	-.0006641	.000274	-2.42	0.016	-.0012018	-.0001265
5	-.0010059	.0003707	-2.71	0.007	-.0017349	-.0002769
invmillsMRIINF	1.14e-08	4.79e-07	0.02	0.981	-9.27e-07	9.49e-07
_cons	.1067844	.0008504	125.57	0.000	.1051175	.1084514

```
39 .
40 .
41 .
42 . ************LE8 TOTAL SCORE THIRD TERTILE**********************
43 .
44 .
45 . foreach y1 of varlist ISOVF_mean ICVF_mean OD_mean {
  2. mi estimate:reg `y1' c.infectionburdenhosptert AGE SEX  i.RACE_ETHN AD_PGS householdsize TIME_V0V2 i.educati
  3. }

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =     13,807
                                                Average RVI       =     0.0364
                                                Largest FMI       =     0.2040
                                                Complete DF       =      13789
DF adjustment:   Small sample                   DF:     min       =     109.98
                                                        avg       =   9,169.36
                                                        max       =  13,786.49
Model F test:       Equal FMI                   F(  17,10494.5)   =     212.45
Within VCE type:          OLS                   Prob > F          =     0.0000
```

ISOVF_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdenhosptert	.0001407	.0001724	0.82	0.415	-.0001974	.0004787
AGE	.0006987	.0000141	49.63	0.000	.0006711	.0007263
SEX	-.0011507	.0002037	-5.65	0.000	-.0015499	-.0007514
RACE_ETHN						
1	-.0010596	.0016252	-0.65	0.514	-.0042452	.0021259
2	.0003486	.0009973	0.35	0.727	-.0016062	.0023034
3	-.0007912	.0007659	-1.03	0.302	-.0022925	.0007101
AD_PGS	-.0001517	.0000985	-1.54	0.124	-.0003448	.0000415
householdsize	-.0000373	.0000843	-0.44	0.658	-.0002024	.0001279
TIME_V0V2	2.65e-06	1.54e-07	17.21	0.000	2.35e-06	2.96e-06
educationbr						
1	.0001976	.0003332	0.59	0.553	-.0004568	.000852
2	.0004452	.0003208	1.39	0.166	-.0001852	.0010756
townsend	-.0001069	.0000372	-2.87	0.004	-.0001798	-.000034
householdincome						
2	-.000279	.0004088	-0.68	0.496	-.0010891	.0005311
3	-.000923	.0003737	-2.47	0.014	-.0016568	-.0001892
4	-.0007699	.000386	-1.99	0.046	-.0015271	-.0000127
5	-.0018903	.0004957	-3.81	0.000	-.0028648	-.0009158
invmillsMRIINF	8.91e-08	9.14e-07	0.10	0.922	-1.70e-06	1.88e-06
_cons	.0487904	.0011859	41.14	0.000	.0464659	.0511149

Multiple-imputation estimates
Linear regression

DF adjustment: **Small sample**

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

Imputations	=	5
Number of obs	=	13,807
Average RVI	=	0.0368
Largest FMI	=	0.2649
Complete DF	=	13789
DF: min	=	67.07
avg	=	8,116.62
max	=	13,786.76
F(17,10442.3)	=	72.86
Prob > F	=	0.0000

ICVF_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdenhosptert	-.0003629	.0003916	-0.93	0.354	-.0011304	.0004046
AGE	-.0009898	.0000321	-30.81	0.000	-.0010528	-.0009268
SEX	-.0004334	.0004625	-0.94	0.349	-.00134	.0004732
RACE_ETHN						
1	.0043552	.0036901	1.18	0.238	-.0028779	.0115884
2	.0016036	.0022636	0.71	0.479	-.0028335	.0060406
3	.0017686	.001739	1.02	0.309	-.00164	.0051773
AD_PGS	-.0001523	.0002237	-0.68	0.496	-.0005907	.0002862
householdsize	-.0002153	.000193	-1.12	0.264	-.0005936	.0001629
TIME_V0V2	1.49e-07	3.50e-07	0.43	0.670	-5.37e-07	8.35e-07
educationbr						
1	.0000844	.0007481	0.11	0.910	-.0013836	.0015525
2	-.0000863	.0007255	-0.12	0.905	-.0015115	.001339

townsend	-.0000336	.0000847	-0.40	0.692	-.0001997	.0001325
householdincome						
2	.0011136	.0008842	1.26	0.209	-.0006256	.0028529
3	.0021048	.000863	2.44	0.015	.0004072	.0038024
4	.0023015	.0009797	2.35	0.022	.0003461	.0042569
5	.0031528	.0011325	2.78	0.006	.0009248	.0053807
invmillsMRIINF	-1.11e-06	2.07e-06	-0.54	0.592	-5.18e-06	2.96e-06
_cons	.6657285	.0027044	246.16	0.000	.660427	.67103

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 13,807
Average RVI = 0.0395
Largest FMI = 0.2583
Complete DF = 13789
DF adjustment: **Small sample** — DF: min = 70.34
avg = 8,177.04
max = 13,786.03
Model F test: **Equal FMI** — F(17,10084.0) = 71.22
Within VCE type: **OLS** — Prob > F = 0.0000

OD_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdenhosptert	-.0000504	.0001241	-0.41	0.685	-.0002938	.0001929
AGE	.0002525	.0000102	24.83	0.000	.0002326	.0002725
SEX	.0003913	.0001465	2.67	0.008	.0001041	.0006784
RACE_ETHN						
1	.00322	.0011699	2.75	0.006	.0009268	.0055132
2	.0008292	.0007177	1.16	0.248	-.0005776	.002236
3	.0004697	.0005513	0.85	0.394	-.0006109	.0015503
AD_PGS	.0000189	.0000709	0.27	0.790	-.0001202	.0001579
householdsize	-.0000906	.0000607	-1.49	0.136	-.0002097	.0000284
TIME_V0V2	2.21e-06	1.11e-07	19.93	0.000	1.99e-06	2.43e-06
educationbr						
1	-.0002424	.0002635	-0.92	0.361	-.0007678	.000283
2	-.0006385	.0002483	-2.57	0.012	-.001132	-.0001449
townsend	-3.43e-06	.0000269	-0.13	0.898	-.0000561	.0000493
householdincome						
2	-.0002646	.0002744	-0.96	0.335	-.0008032	.000274
3	-.000393	.0002787	-1.41	0.160	-.0009426	.0001566
4	-.0005168	.0002886	-1.79	0.075	-.0010852	.0000516
5	-.001023	.0003502	-2.92	0.004	-.0017103	-.0003356
invmillsMRIINF	-8.34e-07	6.58e-07	-1.27	0.205	-2.12e-06	4.56e-07
_cons	.106232	.0008709	121.98	0.000	.1045238	.1079403

```
46 .
47 .
48 . ////////////////////DIFFERENCE BY LE8 TOTAL SCORE TERTILE////////////////////////////////
   >
49 .
50 .
51 . foreach y1 of varlist ISOVF_mean ICVF_mean OD_mean {
     2. mi estimate:reg `y1' c.infectionburdenhosptert##LE8_TOTALSCOREtert AGE SEX  i.RACE_ETHN AD_PGS householdsize
     3. }

Multiple-imputation estimates                 Imputations       =          5
Linear regression                             Number of obs     =     38,803
                                              Average RVI       =     0.0280
                                              Largest FMI       =     0.1844
                                              Complete DF       =      38781
DF adjustment:   Small sample                 DF:     min       =     134.10
                                                      avg       =  27,528.44
                                                      max       =  38,776.83
Model F test:       Equal FMI                 F(  21,27438.1)   =     453.54
Within VCE type:          OLS                 Prob > F          =     0.0000
```

ISOVF_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdenhosptert	.0003048	.0001666	1.83	0.067	-.0000218	.0006314
LE8_TOTALSCOREtert						
2	-.000276	.00033	-0.84	0.403	-.0009229	.0003709
3	-.000587	.000329	-1.78	0.074	-.0012318	.0000578
LE8_TOTALSCOREtert#c.infectionburdenhosptert						
2	-.0000776	.0002437	-0.32	0.750	-.0005552	.0004001
3	-.0001672	.0002443	-0.68	0.494	-.000646	.0003115
AGE	.0007167	8.92e-06	80.39	0.000	.0006992	.0007342
SEX	-.0014666	.0001227	-11.95	0.000	-.0017072	-.0012261
RACE_ETHN						
1	-.0000508	.000765	-0.07	0.947	-.0015504	.0014487
2	-.0001141	.0006029	-0.19	0.850	-.0012957	.0010675
3	-.0000302	.000488	-0.06	0.951	-.0009866	.0009263
AD_PGS	.0000775	.0000605	1.28	0.200	-.000041	.000196
householdsize	-.0001624	.0000551	-2.95	0.003	-.0002703	-.0000544
TIME_V0V2	2.44e-06	9.45e-08	25.79	0.000	2.25e-06	2.62e-06
educationbr						
1	.0003116	.0001888	1.65	0.099	-.0000589	.0006821
2	.000539	.0001806	2.98	0.003	.000185	.0008931
townsend	-.000099	.0000227	-4.35	0.000	-.0001436	-.0000544
householdincome						
2	-.0004771	.0002307	-2.07	0.039	-.0009311	-.0000231
3	-.0006405	.0002342	-2.74	0.007	-.0011036	-.0001774
4	-.0009221	.0002309	-3.99	0.000	-.0013749	-.0004693
5	-.0016332	.0003118	-5.24	0.000	-.0022457	-.0010206
invmillsMRIINF	-4.68e-07	5.23e-07	-0.89	0.371	-1.49e-06	5.58e-07
_cons	.0498631	.0007509	66.40	0.000	.0483913	.0513349

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 38,803
Average RVI = 0.0455
Largest FMI = 0.3658
Complete DF = 38781
DF adjustment: **Small sample** — DF: min = 36.27
avg = 23,572.44
max = 38,776.35
Model F test: **Equal FMI** — F(21,18911.7) = 178.68
Within VCE type: **OLS** — Prob > F = 0.0000

ICVF_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdenhosptert	-.0010268	.0003755	-2.73	0.006	-.0017628	-.0002908
LE8_TOTALSCOREtert						
2	-.0005841	.0007437	-0.79	0.432	-.0020417	.0008736
3	-.0014439	.0007412	-1.95	0.051	-.0028967	8.83e-06
LE8_TOTALSCOREtert#c.infectionburdenhosptert						
2	.0005372	.0005491	0.98	0.328	-.000539	.0016135
3	.0006958	.0005504	1.26	0.206	-.000383	.0017747
AGE	-.0010852	.0000201	-53.96	0.000	-.0011246	-.0010457
SEX	-.0000378	.0002767	-0.14	0.891	-.0005802	.0005045
RACE_ETHN						
1	.0022959	.0017239	1.33	0.183	-.0010831	.0056748
2	.0019406	.0013585	1.43	0.153	-.0007222	.0046034
3	.0013643	.0010995	1.24	0.215	-.0007907	.0035193
AD_PGS	-.0003088	.0001363	-2.27	0.023	-.0005759	-.0000417
householdsize	.0000733	.0001255	0.58	0.559	-.0001727	.0003192
TIME_V0V2	-1.12e-07	2.13e-07	-0.52	0.601	-5.29e-07	3.06e-07
educationbr						
1	-.0002006	.0004239	-0.47	0.636	-.0010323	.000631
2	-.0004266	.0004305	-0.99	0.323	-.001275	.0004218
townsend	-.0000551	.0000515	-1.07	0.285	-.0001559	.0000458
householdincome						
2	.0011655	.0005756	2.03	0.048	.0000108	.0023202
3	.0019517	.0005872	3.32	0.002	.0007611	.0031424
4	.0024801	.0006009	4.13	0.000	.0012733	.003687
5	.002209	.0007745	2.85	0.006	.0006618	.0037563
invmillsMRIINF	3.67e-07	1.18e-06	0.31	0.756	-1.95e-06	2.68e-06
_cons	.6720849	.0017191	390.95	0.000	.6687139	.6754559

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 38,803
Average RVI = 0.0274
Largest FMI = 0.2675
Complete DF = 38781
DF adjustment: **Small sample** — DF: min = 66.12
avg = 23,400.32
max = 38,771.02
Model F test: **Equal FMI** — F(21,27791.1) = 161.73
Within VCE type: **OLS** — Prob > F = 0.0000

OD_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdenhosptert	.0002283	.000115	1.99	0.047	2.93e-06	.0004536
LE8_TOTALSCOREtert						
2	-.0009253	.0002277	-4.06	0.000	-.0013716	-.000479
3	-.0010563	.0002269	-4.65	0.000	-.001501	-.0006115
LE8_TOTALSCOREtert#c.infectionburdenhosptert						
2	-.0000448	.0001681	-0.27	0.790	-.0003743	.0002847
3	-.0002704	.0001685	-1.61	0.109	-.0006007	.0000598
AGE	.0002286	6.17e-06	37.08	0.000	.0002165	.0002407
SEX	.0004762	.0000848	5.62	0.000	.0003101	.0006423
RACE_ETHN						
1	.0027415	.0005278	5.19	0.000	.001707	.0037761
2	.0015017	.0004158	3.61	0.000	.0006866	.0023168
3	.0004766	.0003366	1.42	0.157	-.0001831	.0011364
AD_PGS	.0000292	.0000417	0.70	0.484	-.0000525	.000111
householdsize	-.0001265	.0000383	-3.30	0.001	-.0002016	-.0000514
TIME_V0V2	2.24e-06	6.52e-08	34.31	0.000	2.11e-06	2.37e-06
educationbr						
1	.0000153	.0001316	0.12	0.907	-.0002431	.0002738
2	-.0005007	.0001261	-3.97	0.000	-.000748	-.0002533
townsend	-1.82e-06	.0000158	-0.12	0.908	-.0000327	.0000291
householdincome						
2	-.0003732	.0001634	-2.28	0.024	-.000696	-.0000504
3	-.0005419	.0001659	-3.27	0.002	-.0008717	-.0002121
4	-.0006706	.0001794	-3.74	0.000	-.0010288	-.0003124
5	-.0011611	.0002239	-5.19	0.000	-.0016033	-.0007189
invmillsMRIINF	-3.07e-07	3.61e-07	-0.85	0.395	-1.01e-06	4.01e-07
_cons	.1084055	.0005232	207.19	0.000	.1073797	.1094312

```
52 .
53 .
54 .
55 . capture log close
```