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

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

 6 .
 7 .
 8 . **Main exposures: infectionburdentert
 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.infectionburdentert AGE SEX  i.RACE_ETHN AD_PGS householdsize TIME_V0V2 i.educationbr
     3. }

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =     38,803
                                                Average RVI       =     0.0325
                                                Largest FMI       =     0.1840
                                                Complete DF       =      38784
DF adjustment:   Small sample                   DF:     min       =     134.58
                                                        avg       =  25,844.94
                                                        max       =  38,779.45
Model F test:       Equal FMI                   F(  18,23332.9)   =     528.54
Within VCE type:          OLS                   Prob > F          =     0.0000

------------------------------------------------------------------------------
         ISOVF_mean | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
--------------------+---------------------------------------------------------
infectionburdentert |   .0002973   .0000682     4.36   0.000     .0001636     .000431
                AGE |    .000716   8.91e-06    80.37   0.000     .0006986    .0007335
                SEX |   -.001454   .0001229   -11.83   0.000    -.0016948   -.0012131
                    |
          RACE_ETHN |
                  1 |  -.0000419   .0007648    -0.05   0.956    -.0015408     .001457
                  2 |  -.0000905   .0006027    -0.15   0.881    -.0012718    .0010907
                  3 |  -2.07e-06   .0004878    -0.00   0.997    -.0009582    .0009541
                    |
             AD_PGS |   .0000763   .0000604     1.26   0.207    -.0000422    .0001948
      householdsize |  -.0001592   .0000551    -2.89   0.004    -.0002671   -.0000512
          TIME_V0V2 |   2.42e-06   9.46e-08    25.62   0.000     2.24e-06    2.61e-06
                    |
        educationbr |
                  1 |   .0003069   .0001885     1.63   0.104     -.000063    .0006768
                  2 |   .0005471   .0001804     3.03   0.002     .0001935    .0009008
                    |
            townsend |  -.0000991   .0000228    -4.35   0.000    -.0001437   -.0000545
```

householdincome						
2	-.0004811	.000231	-2.08	0.038	-.0009358	-.0000265
3	-.0006493	.000234	-2.78	0.006	-.001112	-.0001866
4	-.0009357	.0002305	-4.06	0.000	-.0013877	-.0004836
5	-.0016228	.0003116	-5.21	0.000	-.002235	-.0010105
LE8_TOTALSCORE	-4.37e-06	6.65e-07	-6.57	0.000	-5.68e-06	-3.07e-06
invmillsMRIINF	-4.58e-07	5.23e-07	-0.87	0.382	-1.48e-06	5.68e-07
_cons	.0516843	.0008032	64.35	0.000	.0501099	.0532586

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 38,803
Average RVI = 0.0524
Largest FMI = 0.3641
Complete DF = 38784
DF adjustment: **Small sample** — DF: min = 36.60
avg = 21,296.62
max = 38,777.58
Model F test: **Equal FMI** — F(18,14636.3) = 206.18
Within VCE type: **OLS** — Prob > F = 0.0000

ICVF_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdentert	-.0000669	.0001538	-0.44	0.663	-.0003684	.0002345
AGE	-.0010842	.0000201	-53.94	0.000	-.0011236	-.0010448
SEX	-.0000943	.0002772	-0.34	0.734	-.0006377	.0004491
RACE_ETHN						
1	.0023475	.0017242	1.36	0.173	-.001032	.005727
2	.001966	.0013588	1.45	0.148	-.0006972	.0046293
3	.0013619	.0010997	1.24	0.216	-.0007936	.0035174
AD_PGS	-.0003024	.0001363	-2.22	0.027	-.0005695	-.0000353
householdsize	.0000687	.0001254	0.55	0.584	-.0001772	.0003146
TIME_V0V2	-1.10e-07	2.13e-07	-0.52	0.607	-5.28e-07	3.08e-07
educationbr						
1	-.0001876	.0004238	-0.44	0.658	-.0010192	.0006439
2	-.0004267	.0004303	-0.99	0.322	-.0012744	.000421
townsend	-.0000555	.0000515	-1.08	0.281	-.0001565	.0000455
householdincome						
2	.0011844	.0005749	2.06	0.044	.0000313	.0023376
3	.0019853	.0005865	3.38	0.002	.0007964	.0031741
4	.0025348	.0005992	4.23	0.000	.001332	.0037377
5	.0022516	.0007738	2.91	0.005	.0007059	.0037972
LE8_TOTALSCORE	-1.19e-06	1.50e-06	-0.79	0.429	-4.13e-06	1.75e-06
invmillsMRIINF	3.58e-07	1.18e-06	0.30	0.762	-1.95e-06	2.67e-06
_cons	.6713998	.0018323	366.43	0.000	.6678076	.6749921

Multiple-imputation estimates — Imputations = **5**
Linear regression — Number of obs = **38,803**
Average RVI = **0.0320**
Largest FMI = **0.2674**
Complete DF = **38784**
DF adjustment: **Small sample** — DF: min = **66.16**
avg = **21,064.46**
max = **38,772.46**
Model F test: **Equal FMI** — F(**18,23628.0**) = **193.59**
Within VCE type: **OLS** — Prob > F = **0.0000**

OD_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdentert	.000202	.000047	4.30	0.000	.0001098	.0002942
AGE	.0002254	6.16e-06	36.61	0.000	.0002133	.0002375
SEX	.0005263	.0000848	6.21	0.000	.0003601	.0006925
RACE_ETHN						
1	.0026825	.0005271	5.09	0.000	.0016493	.0037157
2	.0015078	.0004153	3.63	0.000	.0006938	.0023219
3	.0004977	.0003362	1.48	0.139	-.0001613	.0011566
AD_PGS	.0000257	.0000417	0.62	0.537	-.0000559	.0001074
householdsize	-.0001226	.0000382	-3.20	0.001	-.0001975	-.0000476
TIME_V0V2	2.23e-06	6.52e-08	34.24	0.000	2.10e-06	2.36e-06
educationbr						
1	.0000153	.0001314	0.12	0.907	-.0002428	.0002734
2	-.0004733	.0001258	-3.76	0.000	-.00072	-.0002265
townsend	-5.19e-06	.0000158	-0.33	0.742	-.0000361	.0000257
householdincome						
2	-.0003793	.0001635	-2.32	0.022	-.0007024	-.0000563
3	-.0005493	.000166	-3.31	0.001	-.0008794	-.0002191
4	-.0006886	.0001791	-3.85	0.000	-.0010461	-.0003312
5	-.0011468	.0002229	-5.14	0.000	-.0015869	-.0007066
LE8_TOTALSCORE	-7.61e-06	4.58e-07	-16.62	0.000	-8.51e-06	-6.72e-06
invmillsMRIINF	-3.07e-07	3.61e-07	-0.85	0.395	-1.01e-06	4.00e-07
_cons	.1116506	.000558	200.08	0.000	.1105567	.1127445

```
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.infectionburdentert AGE SEX  i.RACE_ETHN AD_PGS householdsize TIME_V0V2 i.educationbr
     3. }
```

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 12,190
Average RVI = 0.0236
Largest FMI = 0.0919
Complete DF = 12172
DF adjustment: **Small sample** — DF: min = 489.40
avg = 9,041.47
max = 12,169.73
Model F test: **Equal FMI** — F(17,10871.9) = 158.53
Within VCE type: **OLS** — Prob > F = 0.0000

ISOVF_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdentert	.0003035	.0001256	2.42	0.016	.0000573	.0005498
AGE	.0007355	.0000168	43.65	0.000	.0007025	.0007685
SEX	-.0020229	.000224	-9.03	0.000	-.002462	-.0015838
RACE_ETHN						
1	.0004266	.0012417	0.34	0.731	-.0020072	.0028605
2	.0010143	.0011008	0.92	0.357	-.0011435	.0031722
3	.0005894	.0008922	0.66	0.509	-.0011594	.0023383
AD_PGS	.0001857	.0001106	1.68	0.093	-.0000311	.0004025
householdsize	-.0003291	.0001089	-3.02	0.003	-.0005425	-.0001157
TIME_V0V2	2.40e-06	1.72e-07	13.95	0.000	2.06e-06	2.74e-06
educationbr						
1	.0003881	.0003124	1.24	0.214	-.0002243	.0010004
2	.0003448	.0003141	1.10	0.272	-.0002711	.0009606
townsend	-.0000413	.0000403	-1.02	0.305	-.0001203	.0000377
householdincome						
2	-.0005178	.000394	-1.31	0.189	-.001292	.0002564
3	-.000334	.0003825	-0.87	0.383	-.001085	.000417
4	-.0009942	.0004091	-2.43	0.015	-.0017965	-.0001919
5	-.0011882	.0005699	-2.09	0.037	-.0023054	-.000071
invmillsMRIINF	-1.35e-06	1.33e-06	-1.01	0.311	-3.97e-06	1.26e-06
_cons	.050009	.0013279	37.66	0.000	.0474061	.0526118

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 12,190
Average RVI = 0.0455
Largest FMI = 0.2437
Complete DF = 12172
DF adjustment: **Small sample** — DF: min = 78.49
avg = 8,459.30
max = 12,167.92
Model F test: **Equal FMI** — F(17, 8536.0) = 74.24
Within VCE type: **OLS** — Prob > F = 0.0000

ICVF_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdentert	.0000854	.0002856	0.30	0.765	-.0004744	.0006452
AGE	-.0012298	.0000383	-32.13	0.000	-.0013048	-.0011547
SEX	-.0000472	.0005092	-0.09	0.926	-.0010455	.000951
RACE_ETHN						
1	-.0009986	.0028233	-0.35	0.724	-.0065326	.0045355
2	.0021921	.0025022	0.88	0.381	-.0027126	.0070967
3	.0027878	.002029	1.37	0.169	-.0011894	.006765
AD_PGS	-.0004487	.0002515	-1.78	0.074	-.0009417	.0000442
householdsize	.000102	.0002479	0.41	0.681	-.000384	.0005881
TIME_V0V2	-5.08e-07	3.91e-07	-1.30	0.194	-1.27e-06	2.59e-07
educationbr						
1	-.0000419	.0007445	-0.06	0.955	-.0015059	.001422
2	-.000079	.0008019	-0.10	0.922	-.0016752	.0015173
townsend	-.0001008	.0000917	-1.10	0.271	-.0002806	.0000789
householdincome						
2	.0018605	.0008639	2.15	0.031	.0001669	.0035541
3	.0021213	.0008696	2.44	0.015	.000414	.0038287
4	.0027355	.0009381	2.92	0.004	.0008949	.004576
5	.00172	.0012991	1.32	0.186	-.0008272	.0042672
invmillsMRIINF	9.16e-07	3.03e-06	0.30	0.763	-5.03e-06	6.86e-06
_cons	.6795223	.0030244	224.68	0.000	.6735938	.6854508

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 12,190
Average RVI = 0.0440
Largest FMI = 0.3153
Complete DF = 12172
DF adjustment: **Small sample** — DF: min = 48.12
avg = 6,623.13
max = 12,167.72
Model F test: **Equal FMI** — F(17, 8701.3) = 43.80
Within VCE type: **OLS** — Prob > F = 0.0000

OD_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdentert	.000295	.0000865	3.41	0.001	.0001254	.0004645
AGE	.0001865	.0000116	16.02	0.000	.0001637	.0002093
SEX	.0004183	.0001547	2.70	0.007	.0001151	.0007215
RACE_ETHN						
1	.0018715	.0008553	2.19	0.029	.0001949	.003548
2	.0007224	.0007581	0.95	0.341	-.0007637	.0022085
3	.0007277	.0006145	1.18	0.236	-.0004769	.0019322
AD_PGS	-.0000125	.0000762	-0.16	0.870	-.0001619	.0001369
householdsize	-.0000673	.000076	-0.89	0.375	-.0002163	.0000816
TIME_V0V2	2.22e-06	1.19e-07	18.77	0.000	1.99e-06	2.46e-06
educationbr						
1	.0003	.0002216	1.35	0.176	-.000135	.000735
2	-.0003255	.0002176	-1.50	0.135	-.0007522	.0001013

townsend	.000027	.000028	0.96	0.335	-.0000279	.000082
householdincome						
2	-.0002749	.000281	-0.98	0.329	-.0008294	.0002797
3	-.0006709	.0002956	-2.27	0.027	-.0012628	-.000079
4	-.0008566	.0003271	-2.62	0.012	-.0015142	-.0001991
5	-.0014643	.0004115	-3.56	0.000	-.0022739	-.0006547
invmillsMRIINF	-4.29e-07	9.19e-07	-0.47	0.641	-2.23e-06	1.37e-06
_cons	.1104879	.0009287	118.97	0.000	.1086667	.1123091

```
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.infectionburdentert AGE SEX  i.RACE_ETHN AD_PGS householdsize TIME_V0V2 i.educationbr
  3. }
```

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 12,806
Average RVI = 0.0470
Largest FMI = 0.2854
Complete DF = 12788
DF adjustment: **Small sample** — DF: min = 58.21
avg = 8,810.90
max = 12,785.03
Model F test: **Equal FMI** — F(17, 8667.7) = 174.22
Within VCE type: **OLS** — Prob > F = 0.0000

ISOVF_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdentert	.0003108	.0001203	2.58	0.010	.0000749	.0005467
AGE	.0007263	.0000157	46.26	0.000	.0006955	.0007571
SEX	-.001346	.0002131	-6.31	0.000	-.0017638	-.0009282
RACE_ETHN						
1	.0003019	.0012359	0.24	0.807	-.0021207	.0027245
2	-.0013839	.0010417	-1.33	0.184	-.0034258	.000658
3	.0002936	.000891	0.33	0.742	-.0014529	.0020401
AD_PGS	.0002184	.0001058	2.06	0.039	.000011	.0004258
householdsize	-.0001874	.0000972	-1.93	0.054	-.0003779	3.18e-06
TIME_V0V2	2.20e-06	1.66e-07	13.22	0.000	1.87e-06	2.53e-06
educationbr						
1	.0003162	.0003313	0.95	0.340	-.000334	.0009664
2	.0007601	.0003194	2.38	0.017	.0001336	.0013866
townsend	-.0001439	.0000409	-3.52	0.000	-.0002241	-.0000637
householdincome						
2	-.0006397	.0004161	-1.54	0.126	-.0014598	.0001803
3	-.0006495	.0004448	-1.46	0.150	-.0015398	.0002408
4	-.0010733	.0004058	-2.65	0.008	-.0018688	-.0002779
5	-.0017859	.0005598	-3.19	0.002	-.0028864	-.0006854
invmillsMRIINF	-4.95e-07	7.25e-07	-0.68	0.494	-1.92e-06	9.25e-07
_cons	.0493278	.0012862	38.35	0.000	.0468066	.051849

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 12,806
Average RVI = 0.0707
Largest FMI = 0.4349
Complete DF = 12788
DF adjustment: **Small sample** — DF: min = 25.83
avg = 7,449.21
max = 12,781.71
Model F test: **Equal FMI** — F(17, 6318.5) = 72.44
Within VCE type: **OLS** — Prob > F = 0.0000

ICVF_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdentert	-.0001738	.0002669	-0.65	0.515	-.0006969	.0003493
AGE	-.00107	.0000349	-30.64	0.000	-.0011384	-.0010015
SEX	.0006519	.000473	1.38	0.168	-.0002753	.0015791
RACE_ETHN						
1	.0042953	.0027408	1.57	0.117	-.0010771	.0096678
2	.0018925	.00231	0.82	0.413	-.0026354	.0064205
3	-.0005983	.0019758	-0.30	0.762	-.0044711	.0032746
AD_PGS	-.0003617	.0002346	-1.54	0.123	-.0008216	.0000983
householdsize	.0004253	.0002162	1.97	0.049	1.44e-06	.0008492
TIME_V0V2	3.52e-08	3.69e-07	0.10	0.924	-6.88e-07	7.58e-07
educationbr						
1	-.000582	.0007412	-0.79	0.433	-.0020376	.0008736
2	-.0009683	.0007425	-1.30	0.194	-.0024319	.0004952
townsend	-.0000539	.0000912	-0.59	0.554	-.0002327	.0001249
householdincome						
2	.0004567	.0011029	0.41	0.682	-.0018111	.0027245
3	.0015343	.0010417	1.47	0.150	-.0005807	.0036492
4	.002457	.0010657	2.31	0.026	.000309	.0046049
5	.0015746	.001448	1.09	0.284	-.0013645	.0045137
invmillsMRIINF	9.65e-07	1.61e-06	0.60	0.548	-2.19e-06	4.11e-06
_cons	.66872	.0028832	231.94	0.000	.6630673	.6743728

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 12,806
Average RVI = 0.0286
Largest FMI = 0.1044
Complete DF = 12788
DF adjustment: **Small sample** — DF: min = 387.05
avg = 8,763.07
max = 12,784.35
Model F test: **Equal FMI** — F(17,10812.4) = 70.71
Within VCE type: **OLS** — Prob > F = 0.0000

OD_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdentert	.0001601	.0000795	2.02	0.044	4.36e-06	.0003159
AGE	.0002396	.0000104	23.12	0.000	.0002192	.0002599
SEX	.0006515	.0001408	4.63	0.000	.0003755	.0009275
RACE_ETHN						
1	.0034097	.0008161	4.18	0.000	.00181	.0050093
2	.0028494	.0006879	4.14	0.000	.0015009	.0041978
3	.0002492	.0005882	0.42	0.672	-.0009037	.001402
AD_PGS	.0000669	.0000699	0.96	0.339	-.0000701	.0002038
householdsize	-.0002065	.0000647	-3.19	0.001	-.0003333	-.0000797
TIME_V0V2	2.25e-06	1.10e-07	20.50	0.000	2.04e-06	2.47e-06
educationbr						
1	-.0000773	.0002171	-0.36	0.722	-.0005032	.0003485
2	-.0005904	.0002071	-2.85	0.004	-.0009963	-.0001844
townsend	-.0000321	.000027	-1.19	0.235	-.0000851	.0000209
householdincome						
2	-.0005959	.000265	-2.25	0.025	-.0011161	-.0000758
3	-.000596	.0002586	-2.30	0.021	-.0011033	-.0000886
4	-.0006729	.0002735	-2.46	0.014	-.0012096	-.0001363
5	-.001007	.0003702	-2.72	0.007	-.0017349	-.0002792
invmillsMRIINF	2.13e-08	4.78e-07	0.04	0.965	-9.17e-07	9.59e-07
_cons	.1067528	.0008477	125.94	0.000	.1050912	.1084143

```
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.infectionburdentert AGE SEX  i.RACE_ETHN AD_PGS householdsize TIME_V0V2 i.educationbr
  3. }

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =     13,807
                                                Average RVI       =     0.0364
                                                Largest FMI       =     0.2025
                                                Complete DF       =      13789
DF adjustment:   Small sample                   DF:     min       =     111.55
                                                        avg       =   9,168.58
                                                        max       =  13,786.48
Model F test:       Equal FMI                   F(  17,10488.7)   =     212.82
Within VCE type:          OLS                   Prob > F          =     0.0000
```

ISOVF_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdentert	.0002685	.0001097	2.45	0.014	.0000534	.0004836
AGE	.0006997	.0000141	49.74	0.000	.0006722	.0007273
SEX	-.0011688	.0002038	-5.74	0.000	-.0015682	-.0007693
RACE_ETHN						
1	-.0010591	.0016248	-0.65	0.515	-.004244	.0021257
2	.0003859	.0009972	0.39	0.699	-.0015687	.0023405
3	-.0007469	.000766	-0.98	0.330	-.0022483	.0007545
AD_PGS	-.0001499	.0000985	-1.52	0.128	-.000343	.0000432
householdsize	-.0000349	.0000843	-0.41	0.678	-.0002001	.0001302
TIME_V0V2	2.64e-06	1.54e-07	17.10	0.000	2.33e-06	2.94e-06
educationbr						
1	.0001953	.0003333	0.59	0.558	-.0004593	.0008498
2	.0004371	.0003209	1.36	0.174	-.0001936	.0010677
townsend	-.0001032	.0000372	-2.77	0.006	-.0001762	-.0000303
householdincome						
2	-.0002835	.0004083	-0.69	0.489	-.0010926	.0005256
3	-.0009321	.0003734	-2.50	0.013	-.0016653	-.000199
4	-.0007794	.0003855	-2.02	0.043	-.0015358	-.0000231
5	-.0018879	.0004958	-3.81	0.000	-.0028626	-.0009132
invmillsMRIINF	8.52e-08	9.14e-07	0.09	0.926	-1.71e-06	1.88e-06
_cons	.0485188	.001185	40.94	0.000	.0461959	.0508417

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 13,807
Average RVI = 0.0367
Largest FMI = 0.2638
Complete DF = 13789
DF adjustment: Small sample — DF: min = 67.61
avg = 8,125.83
max = 13,786.76
Model F test: Equal FMI — F(17,10448.1) = 72.82
Within VCE type: OLS — Prob > F = 0.0000

ICVF_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdentert	-.0000834	.0002492	-0.33	0.738	-.0005718	.0004051
AGE	-.0009911	.0000321	-30.87	0.000	-.0010541	-.0009282
SEX	-.0004379	.0004628	-0.95	0.344	-.0013452	.0004693
RACE_ETHN						
1	.0043312	.0036901	1.17	0.241	-.002902	.0115644
2	.0015891	.0022639	0.70	0.483	-.0028485	.0060267
3	.0017597	.0017396	1.01	0.312	-.0016501	.0051695
AD_PGS	-.0001537	.0002237	-0.69	0.492	-.0005923	.0002848
householdsize	-.0002183	.0001929	-1.13	0.258	-.0005966	.0001599
TIME_V0V2	1.56e-07	3.50e-07	0.45	0.655	-5.30e-07	8.43e-07
educationbr						
1	.0000916	.0007484	0.12	0.903	-.001377	.0015602
2	-.0000767	.0007258	-0.11	0.916	-.0015026	.0013491

townsend	-.0000358	.0000848	-0.42	0.673	-.0002019	.0001304
householdincome						
2	.0011216	.0008841	1.27	0.205	-.0006175	.0028607
3	.0021189	.0008628	2.46	0.015	.0004217	.003816
4	.0023146	.000979	2.36	0.021	.0003609	.0042683
5	.0031741	.0011324	2.80	0.005	.0009463	.005402
invmillsMRIINF	-1.14e-06	2.07e-06	-0.55	0.583	-5.21e-06	2.93e-06
_cons	.6654924	.0027026	246.24	0.000	.6601945	.6707903

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 13,807
Average RVI = 0.0398
Largest FMI = 0.2584
Complete DF = 13789
DF adjustment: **Small sample** — DF: min = 70.34
avg = 8,159.53
max = 13,786.03
Model F test: **Equal FMI** — F(17,10044.0) = 71.46
Within VCE type: **OLS** — Prob > F = 0.0000

OD_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdentert	.0001658	.000079	2.10	0.036	.0000109	.0003206
AGE	.0002527	.0000102	24.86	0.000	.0002328	.0002726
SEX	.0003757	.0001466	2.56	0.010	.0000884	.000663
RACE_ETHN						
1	.00321	.0011697	2.74	0.006	.0009173	.0055028
2	.000851	.0007177	1.19	0.236	-.0005557	.0022578
3	.0004991	.0005514	0.91	0.365	-.0005816	.0015799
AD_PGS	.0000196	.0000709	0.28	0.783	-.0001194	.0001586
householdsize	-.0000902	.0000607	-1.48	0.138	-.0002092	.0000289
TIME_V0V2	2.20e-06	1.11e-07	19.84	0.000	1.98e-06	2.42e-06
educationbr						
1	-.0002411	.0002634	-0.92	0.363	-.0007664	.0002842
2	-.0006404	.0002482	-2.58	0.012	-.0011339	-.000147
townsend	-1.58e-06	.0000269	-0.06	0.953	-.0000543	.0000511
householdincome						
2	-.0002645	.0002747	-0.96	0.336	-.0008037	.0002747
3	-.0003938	.0002792	-1.41	0.160	-.0009445	.0001569
4	-.0005184	.0002888	-1.79	0.074	-.0010872	.0000505
5	-.001012	.0003503	-2.89	0.004	-.0016996	-.0003244
invmillsMRIINF	-8.49e-07	6.58e-07	-1.29	0.197	-2.14e-06	4.40e-07
_cons	.1059265	.0008702	121.73	0.000	.1042198	.1076332

```
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.infectionburdentert##LE8_TOTALSCOREtert AGE SEX  i.RACE_ETHN AD_PGS householdsize TIM
     3. }

Multiple-imputation estimates                 Imputations       =          5
Linear regression                             Number of obs     =     38,803
                                              Average RVI       =     0.0280
                                              Largest FMI       =     0.1840
                                              Complete DF       =      38781
DF adjustment:   Small sample                 DF:     min       =     134.65
                                                      avg       =  27,568.24
                                                      max       =  38,776.90
Model F test:       Equal FMI                 F(  21,27459.0)   =     454.33
Within VCE type:          OLS                 Prob > F          =     0.0000
```

ISOVF_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdentert	.0002892	.0001218	2.37	0.018	.0000504	.000528
LE8_TOTALSCOREtert						
2	-.0004229	.0003351	-1.26	0.207	-.0010798	.000234
3	-.0008014	.0003298	-2.43	0.015	-.0014477	-.000155
LE8_TOTALSCOREtert#c.infectionburdentert						
2	.0000229	.0001701	0.13	0.893	-.0003105	.0003563
3	1.77e-06	.0001665	0.01	0.992	-.0003246	.0003282
AGE	.0007176	8.91e-06	80.53	0.000	.0007001	.000735
SEX	-.0014839	.0001228	-12.09	0.000	-.0017246	-.0012433
RACE_ETHN						
1	-7.49e-06	.000765	-0.01	0.992	-.0015069	.0014919
2	-.0000874	.0006028	-0.15	0.885	-.0012689	.0010941
3	2.42e-07	.000488	0.00	1.000	-.0009562	.0009567
AD_PGS	.0000779	.0000605	1.29	0.198	-.0000406	.0001964
householdsize	-.0001619	.0000551	-2.94	0.003	-.0002699	-.000054
TIME_V0V2	2.42e-06	9.46e-08	25.57	0.000	2.23e-06	2.60e-06
educationbr						
1	.0003038	.0001886	1.61	0.108	-.0000664	.000674
2	.0005266	.0001804	2.92	0.004	.000173	.0008803
townsend	-.0000956	.0000227	-4.20	0.000	-.0001402	-.000051
householdincome						
2	-.0004847	.000231	-2.10	0.037	-.0009393	-.0000302
3	-.0006526	.000234	-2.79	0.006	-.0011154	-.0001897
4	-.0009375	.0002306	-4.07	0.000	-.0013897	-.0004852
5	-.0016325	.0003114	-5.24	0.000	-.0022444	-.0010207
invmillsMRIINF	-4.61e-07	5.23e-07	-0.88	0.379	-1.49e-06	5.65e-07
_cons	.04979	.0007503	66.36	0.000	.0483194	.0512606

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 38,803
Average RVI = 0.0452
Largest FMI = 0.3638
Complete DF = 38781
DF adjustment: **Small sample** — DF: min = 36.67
avg = 23,628.28
max = 38,777.08
Model F test: **Equal FMI** — F(21,19050.9) = 178.28
Within VCE type: **OLS** — Prob > F = 0.0000

ICVF_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdentert	.0000679	.0002746	0.25	0.805	-.0004704	.0006062
LE8_TOTALSCOREtert						
2	.0004791	.0007554	0.63	0.526	-.0010016	.0019598
3	-.0002565	.0007432	-0.35	0.730	-.0017133	.0012003
LE8_TOTALSCOREtert#c.infectionburdentert						
2	-.0002174	.0003834	-0.57	0.571	-.0009687	.000534
3	-.00018	.0003754	-0.48	0.632	-.0009157	.0005557
AGE	-.0010869	.0000201	-54.07	0.000	-.0011263	-.0010475
SEX	-.0000455	.000277	-0.16	0.870	-.0005883	.0004974
RACE_ETHN						
1	.0022869	.0017243	1.33	0.185	-.0010928	.0056666
2	.0019581	.0013588	1.44	0.150	-.0007051	.0046214
3	.0013645	.0010997	1.24	0.215	-.000791	.0035201
AD_PGS	-.0003067	.0001363	-2.25	0.024	-.0005739	-.0000396
householdsize	.0000691	.0001254	0.55	0.582	-.0001768	.0003151
TIME_V0V2	-1.01e-07	2.13e-07	-0.47	0.637	-5.19e-07	3.17e-07
educationbr						
1	-.0001841	.000424	-0.43	0.664	-.0010161	.0006478
2	-.0004019	.0004302	-0.93	0.351	-.0012495	.0004457
townsend	-.0000574	.0000515	-1.11	0.265	-.0001583	.0000436
householdincome						
2	.001182	.0005748	2.06	0.045	.0000293	.0023347
3	.0019798	.0005864	3.38	0.002	.0007913	.0031683
4	.0025273	.0005992	4.22	0.000	.0013245	.0037301
5	.0022548	.0007739	2.91	0.005	.0007088	.0038008
invmillsMRIINF	3.54e-07	1.18e-06	0.30	0.764	-1.96e-06	2.67e-06
_cons	.6707391	.0017171	390.62	0.000	.6673721	.674106

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 38,803
Average RVI = 0.0271
Largest FMI = 0.2651
Complete DF = 38781
DF adjustment: **Small sample** — DF: min = 67.26
avg = 23,435.61
max = 38,774.96
Model F test: **Equal FMI** — F(21,27963.7) = 162.48
Within VCE type: **OLS** — Prob > F = 0.0000

OD_mean	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
infectionburdentert	.0002934	.000084	3.49	0.000	.0001286	.0004581
LE8_TOTALSCOREtert						
2	-.000759	.0002312	-3.28	0.001	-.0012123	-.0003058
3	-.0011518	.0002275	-5.06	0.000	-.0015977	-.0007059
LE8_TOTALSCOREtert#c.infectionburdentert						
2	-.0001307	.0001173	-1.11	0.265	-.0003607	.0000993
3	-.0001325	.0001149	-1.15	0.249	-.0003577	.0000927
AGE	.000229	6.16e-06	37.15	0.000	.0002169	.000241
SEX	.0004644	.0000848	5.48	0.000	.0002982	.0006306
RACE_ETHN						
1	.0027733	.0005278	5.25	0.000	.0017388	.0038077
2	.0015198	.0004158	3.66	0.000	.0007048	.0023348
3	.0004985	.0003366	1.48	0.139	-.0001612	.0011582
AD_PGS	.000029	.0000417	0.70	0.487	-.0000527	.0001108
householdsize	-.0001268	.0000383	-3.31	0.001	-.0002018	-.0000517
TIME_V0V2	2.23e-06	6.53e-08	34.10	0.000	2.10e-06	2.35e-06
educationbr						
1	9.50e-06	.0001314	0.07	0.942	-.0002486	.0002676
2	-.000509	.0001261	-4.04	0.000	-.0007563	-.0002617
townsend	2.30e-07	.0000158	0.01	0.988	-.0000307	.0000311
householdincome						
2	-.0003779	.0001634	-2.31	0.022	-.0007007	-.0000551
3	-.0005494	.0001656	-3.32	0.001	-.0008784	-.0002203
4	-.0006804	.0001791	-3.80	0.000	-.0010377	-.000323
5	-.0011592	.0002235	-5.19	0.000	-.0016005	-.0007179
invmillsMRIINF	-3.03e-07	3.61e-07	-0.84	0.401	-1.01e-06	4.05e-07
_cons	.1082241	.0005225	207.11	0.000	.1071997	.1092485

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