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

```
1 .
2 . ***********************************************TABLE 1: DESCRIPTIVES BY LE8 TOTAL SCORE TERTILE ****************
3 .
4 . use finaldata_imputedFINAL, clear

5 .
6 .
7 .
8 . **Overall**
9 . foreach x1 of varlist SEX RACE_ETHN educationbr  householdincome  infectionburdentert infectionburdenhosptert A
  2.          mi estimate: prop `x1' if sample_final==1
  3. }
```

```
Multiple-imputation estimates      Imputations       =           5
Proportion estimation              Number of obs     =      38,803
                                   Average RVI       =      0.0000
                                   Largest FMI       =      0.0000
                                   Complete DF       =       38802
DF adjustment:   Small sample      DF:      min      =   38,800.00
                                            avg      =   38,800.00
Within VCE type:    Analytic                max      =   38,800.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
SEX				
1	.4698348	.0025336	.4648688	.4748008
2	.5301652	.0025336	.5251992	.5351312

```
Multiple-imputation estimates      Imputations       =           5
Proportion estimation              Number of obs     =      38,803
                                   Average RVI       =      0.0000
                                   Largest FMI       =      0.0000
                                   Complete DF       =       38802
DF adjustment:   Small sample      DF:      min      =   38,800.00
                                            avg      =   38,800.00
Within VCE type:    Analytic                max      =   38,800.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
RACE_ETHN				
0	.9685591	.0008859	.9668228	.9702955
1	.0061851	.000398	.005405	.0069652
2	.0099735	.0005044	.0089847	.0109622
3	.0152823	.0006228	.0140617	.0165029

```
Multiple-imputation estimates      Imputations       =           5
Proportion estimation              Number of obs     =      38,803
                                   Average RVI       =      0.0647
                                   Largest FMI       =      0.1062
                                   Complete DF       =       38802
DF adjustment:   Small sample      DF:      min      =      383.43
                                            avg      =      593.01
Within VCE type:    Analytic                max      =      984.23
```

	Proportion	Std. err.	Normal [95% conf. interval]	
educationbr				
0	.1559828	.0019433	.1521619	.1598036
1	.3487462	.0024992	.3438419	.3536506
2	.495271	.0026725	.4900175	.5005245

```
Multiple-imputation estimates       Imputations     =            5
Proportion estimation               Number of obs   =       38,803
                                    Average RVI     =       0.0541
                                    Largest FMI     =       0.0853
                                    Complete DF     =        38802
DF adjustment:   Small sample       DF:     min     =       582.05
                                            avg     =     1,052.35
Within VCE type:     Analytic               max     =     1,313.63
```

	Proportion	Std. err.	Normal [95% conf. interval]	
householdincome				
1	.1166302	.0016763	.1133415	.1199188
2	.2220447	.0021695	.2177886	.2263008
3	.302121	.0024054	.2974009	.306841
4	.2816638	.0023564	.2770401	.2862875
5	.0775404	.0014172	.0747569	.0803239

```
Multiple-imputation estimates       Imputations     =            5
Proportion estimation               Number of obs   =       38,803
                                    Average RVI     =       0.0000
                                    Largest FMI     =       0.0000
                                    Complete DF     =        38802
DF adjustment:   Small sample       DF:     min     =    38,800.00
                                            avg     =    38,800.00
Within VCE type:     Analytic               max     =    38,800.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
infectionburdentert				
1	.5252171	.002535	.5202484	.5301859
2	.1796511	.0019489	.1758312	.1834709
3	.2951318	.0023154	.2905935	.2996701

```
Multiple-imputation estimates       Imputations     =            5
Proportion estimation               Number of obs   =       38,803
                                    Average RVI     =       0.0000
                                    Largest FMI     =       0.0000
                                    Complete DF     =        38802
DF adjustment:   Small sample       DF:     min     =    38,800.00
                                            avg     =    38,800.00
Within VCE type:     Analytic               max     =    38,800.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
infectionburdenhosptert				
1	.9023271	.0015071	.8993732	.9052811
3	.0976729	.0015071	.0947189	.1006268

```
Multiple-imputation estimates     Imputations     =           5
Proportion estimation             Number of obs   =      38,803
                                  Average RVI     =      0.0000
                                  Largest FMI     =      0.0000
                                  Complete DF     =       38802
DF adjustment:   Small sample     DF:     min     =   38,800.00
                                          avg     =   38,800.00
Within VCE type:    Analytic              max     =   38,800.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
AD_PGStert				
1	.3297941	.0023867	.3251161	.334472
2	.3327062	.002392	.3280179	.3373946
3	.3374997	.0024005	.3327947	.3422047

```
Multiple-imputation estimates     Imputations     =           5
Proportion estimation             Number of obs   =      38,803
                                  Average RVI     =      0.0000
                                  Largest FMI     =      0.0000
                                  Complete DF     =       38802
DF adjustment:   Small sample     DF:     min     =   38,800.00
                                          avg     =   38,800.00
Within VCE type:    Analytic              max     =   38,800.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
LE8_TOTALSCOREtert				
1	.314151	.0023564	.3095323	.3187696
2	.330026	.0023871	.3253473	.3347048
3	.355823	.0024305	.3510593	.3605867

```
10 .
11 .
12 .
13 . foreach x2 of varlist AGE householdsize  townsend FA_mean MD_mean ISOVF_mean ICVF_mean OD_mean  infectionburder
   > ns_Left Accumbens_Right Amygdala_Left Amygdala_Right Caudate_Left Caudate_Right Hippocampus_Left Hippocampus_Ri
   >  LE8_TOTALSCORE LE8_BIOLOGICAL LE8_LIFESTYLE TIME_V0V2 AD_PGS {
    2.          mi estimate: mean `x2' if sample_final==1
    3. }
```

```
Multiple-imputation estimates          Imputations      =           5
Mean estimation                        Number of obs    =      38,803
                                       Average RVI      =      0.0000
                                       Largest FMI      =      0.0000
                                       Complete DF      =       38802
DF adjustment:   Small sample          DF:    min       =   38,800.00
                                              avg       =   38,800.00
Within VCE type:    Analytic                  max       =   38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
AGE	55.47928	.0381377	55.40453	55.55403

```
Multiple-imputation estimates          Imputations      =           5
Mean estimation                        Number of obs    =      38,803
                                       Average RVI      =      0.0044
                                       Largest FMI      =      0.0044
                                       Complete DF      =       38802
DF adjustment:   Small sample          DF:    min       =   32,608.89
                                              avg       =   32,608.89
Within VCE type:    Analytic                  max       =   32,608.89
```

	Mean	Std. err.	[95% conf. interval]	
householdsize	2.550978	.0062094	2.538807	2.563148

```
Multiple-imputation estimates          Imputations      =           5
Mean estimation                        Number of obs    =      38,803
                                       Average RVI      =      0.0001
                                       Largest FMI      =      0.0001
                                       Complete DF      =       38802
DF adjustment:   Small sample          DF:    min       =   38,795.81
                                              avg       =   38,795.81
Within VCE type:    Analytic                  max       =   38,795.81
```

	Mean	Std. err.	[95% conf. interval]	
townsend	-1.882907	.0138522	-1.910058	-1.855757

```
Multiple-imputation estimates          Imputations      =           5
Mean estimation                        Number of obs    =      38,803
                                       Average RVI      =      0.0000
                                       Largest FMI      =      0.0000
                                       Complete DF      =       38802
DF adjustment:   Small sample          DF:    min       =   38,800.00
                                              avg       =   38,800.00
Within VCE type:    Analytic                  max       =   38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
FA_mean	.5611738	.0001032	.5609714	.5613761

```
Multiple-imputation estimates          Imputations     =            5
Mean estimation                        Number of obs   =       38,803
                                       Average RVI     =       0.0000
                                       Largest FMI     =       0.0000
                                       Complete DF     =        38802
DF adjustment:    Small sample         DF:    min      =    38,800.00
                                              avg      =    38,800.00
Within VCE type:     Analytic                 max      =    38,800.00
```

	Mean	Std. err.	[95% conf.	interval]
MD_mean	.0007933	1.64e-07	.000793	.0007936

```
Multiple-imputation estimates          Imputations     =            5
Mean estimation                        Number of obs   =       38,803
                                       Average RVI     =       0.0000
                                       Largest FMI     =       0.0000
                                       Complete DF     =        38802
DF adjustment:    Small sample         DF:    min      =    38,800.00
                                              avg      =    38,800.00
Within VCE type:     Analytic                 max      =    38,800.00
```

	Mean	Std. err.	[95% conf.	interval]
ISOVF_mean	.0948276	.0000667	.0946969	.0949584

```
Multiple-imputation estimates          Imputations     =            5
Mean estimation                        Number of obs   =       38,803
                                       Average RVI     =       0.0000
                                       Largest FMI     =       0.0000
                                       Complete DF     =        38802
DF adjustment:    Small sample         DF:    min      =    38,800.00
                                              avg      =    38,800.00
Within VCE type:     Analytic                 max      =    38,800.00
```

	Mean	Std. err.	[95% conf.	interval]
ICVF_mean	.6117938	.0001409	.6115176	.6120701

```
Multiple-imputation estimates          Imputations     =            5
Mean estimation                        Number of obs   =       38,803
                                       Average RVI     =       0.0000
                                       Largest FMI     =       0.0000
                                       Complete DF     =        38802
DF adjustment:    Small sample         DF:    min      =    38,800.00
                                              avg      =    38,800.00
Within VCE type:     Analytic                 max      =    38,800.00
```

	Mean	Std. err.	[95% conf.	interval]
OD_mean	.1275965	.0000429	.1275123	.1276806

```
Multiple-imputation estimates       Imputations      =           5
Mean estimation                     Number of obs    =      38,803
                                    Average RVI      =      0.0000
                                    Largest FMI      =      0.0000
                                    Complete DF      =       38802
DF adjustment:    Small sample      DF:    min       =   38,800.00
                                           avg       =   38,800.00
Within VCE type:    Analytic               max       =   38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
infectionburden	1.176533	.0086628	1.159553	1.193512

```
Multiple-imputation estimates       Imputations      =           5
Mean estimation                     Number of obs    =      38,803
                                    Average RVI      =      0.0000
                                    Largest FMI      =      0.0000
                                    Complete DF      =       38802
DF adjustment:    Small sample      DF:    min       =   38,800.00
                                           avg       =   38,800.00
Within VCE type:    Analytic               max       =   38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
infectionburdenhosp	.2328686	.004558	.2239348	.2418023

```
Multiple-imputation estimates       Imputations      =           5
Mean estimation                     Number of obs    =      38,803
                                    Average RVI      =      0.0000
                                    Largest FMI      =      0.0000
                                    Complete DF      =       38802
DF adjustment:    Small sample      DF:    min       =   38,800.00
                                           avg       =   38,800.00
Within VCE type:    Analytic               max       =   38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
TOTALBRAIN	1159394	565.4085	1158286	1160502

```
Multiple-imputation estimates       Imputations      =           5
Mean estimation                     Number of obs    =      38,803
                                    Average RVI      =      0.0000
                                    Largest FMI      =      0.0000
                                    Complete DF      =       38802
DF adjustment:    Small sample      DF:    min       =   38,800.00
                                           avg       =   38,800.00
Within VCE type:    Analytic               max       =   38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
ICV	1548596	780.0675	1547067	1550125

```
Multiple-imputation estimates        Imputations      =           5
Mean estimation                      Number of obs    =      38,803
                                     Average RVI      =      0.0000
                                     Largest FMI      =      0.0000
                                     Complete DF      =       38802
DF adjustment:   Small sample        DF:     min      =   38,800.00
                                             avg      =   38,800.00
Within VCE type:      Analytic               max      =   38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
WM	544965.5	312.2278	544353.5	545577.5

```
Multiple-imputation estimates        Imputations      =           5
Mean estimation                      Number of obs    =      38,803
                                     Average RVI      =      0.0000
                                     Largest FMI      =      0.0000
                                     Complete DF      =       38802
DF adjustment:   Small sample        DF:     min      =   38,800.00
                                             avg      =   38,800.00
Within VCE type:      Analytic               max      =   38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
GM	614428.5	283.0681	613873.7	614983.3

```
Multiple-imputation estimates        Imputations      =           5
Mean estimation                      Number of obs    =      38,803
                                     Average RVI      =      0.0000
                                     Largest FMI      =      0.0000
                                     Complete DF      =       38802
DF adjustment:   Small sample        DF:     min      =   38,800.00
                                             avg      =   38,800.00
Within VCE type:      Analytic               max      =   38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
LnWMHpctICV	-1.629075	.0050614	-1.638995	-1.619154

```
Multiple-imputation estimates        Imputations      =           5
Mean estimation                      Number of obs    =      38,803
                                     Average RVI      =      0.0000
                                     Largest FMI      =      0.0000
                                     Complete DF      =       38802
DF adjustment:   Small sample        DF:     min      =   38,800.00
                                             avg      =   38,800.00
Within VCE type:      Analytic               max      =   38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
FRONTAL_GM_LEFT	75877.68	40.7142	75797.88	75957.48

```
Multiple-imputation estimates          Imputations      =           5
Mean estimation                        Number of obs    =      38,803
                                       Average RVI      =      0.0000
                                       Largest FMI      =      0.0000
                                       Complete DF      =       38802
DF adjustment:    Small sample         DF:      min     =   38,800.00
                                                avg     =   38,800.00
Within VCE type:     Analytic                   max     =   38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
FRONTAL_GM_RIGHT	75540.17	40.4466	75460.89	75619.45

```
Multiple-imputation estimates          Imputations      =           5
Mean estimation                        Number of obs    =      38,803
                                       Average RVI      =      0.0000
                                       Largest FMI      =      0.0000
                                       Complete DF      =       38802
DF adjustment:    Small sample         DF:      min     =   38,800.00
                                                avg     =   38,800.00
Within VCE type:     Analytic                   max     =   38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
Accumbens_Left	491.4597	.6151962	490.2539	492.6655

```
Multiple-imputation estimates          Imputations      =           5
Mean estimation                        Number of obs    =      38,803
                                       Average RVI      =      0.0000
                                       Largest FMI      =      0.0000
                                       Complete DF      =       38802
DF adjustment:    Small sample         DF:      min     =   38,800.00
                                                avg     =   38,800.00
Within VCE type:     Analytic                   max     =   38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
Accumbens_Right	385.428	.566975	384.3167	386.5393

```
Multiple-imputation estimates          Imputations      =           5
Mean estimation                        Number of obs    =      38,803
                                       Average RVI      =      0.0000
                                       Largest FMI      =      0.0000
                                       Complete DF      =       38802
DF adjustment:    Small sample         DF:      min     =   38,800.00
                                                avg     =   38,800.00
Within VCE type:     Analytic                   max     =   38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
Amygdala_Left	1262.153	1.255435	1259.692	1264.613

```
Multiple-imputation estimates        Imputations      =           5
Mean estimation                      Number of obs    =      38,803
                                     Average RVI      =      0.0000
                                     Largest FMI      =      0.0000
                                     Complete DF      =       38802
DF adjustment:    Small sample       DF:     min      =   38,800.00
                                             avg      =   38,800.00
Within VCE type:    Analytic                 max      =   38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
Amygdala_Right	1226.59	1.389834	1223.866	1229.315

```
Multiple-imputation estimates        Imputations      =           5
Mean estimation                      Number of obs    =      38,803
                                     Average RVI      =      0.0000
                                     Largest FMI      =      0.0000
                                     Complete DF      =       38802
DF adjustment:    Small sample       DF:     min      =   38,800.00
                                             avg      =   38,800.00
Within VCE type:    Analytic                 max      =   38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
Caudate_Left	3376.366	2.149456	3372.153	3380.579

```
Multiple-imputation estimates        Imputations      =           5
Mean estimation                      Number of obs    =      38,803
                                     Average RVI      =      0.0000
                                     Largest FMI      =      0.0000
                                     Complete DF      =       38802
DF adjustment:    Small sample       DF:     min      =   38,800.00
                                             avg      =   38,800.00
Within VCE type:    Analytic                 max      =   38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
Caudate_Right	3559.477	2.26331	3555.041	3563.913

```
Multiple-imputation estimates        Imputations      =           5
Mean estimation                      Number of obs    =      38,803
                                     Average RVI      =      0.0000
                                     Largest FMI      =      0.0000
                                     Complete DF      =       38802
DF adjustment:    Small sample       DF:     min      =   38,800.00
                                             avg      =   38,800.00
Within VCE type:    Analytic                 max      =   38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
Hippocampus_Left	3771.398	2.458262	3766.58	3776.216

```
Multiple-imputation estimates        Imputations    =            5
Mean estimation                      Number of obs  =       38,803
                                     Average RVI    =       0.0000
                                     Largest FMI    =       0.0000
                                     Complete DF    =        38802
DF adjustment:    Small sample       DF:    min     =    38,800.00
                                            avg     =    38,800.00
Within VCE type:     Analytic               max     =    38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
Hippocampus_Right	3886.73	2.521139	3881.789	3891.672

```
Multiple-imputation estimates        Imputations    =            5
Mean estimation                      Number of obs  =       38,803
                                     Average RVI    =       0.0000
                                     Largest FMI    =       0.0000
                                     Complete DF    =        38802
DF adjustment:    Small sample       DF:    min     =    38,800.00
                                            avg     =    38,800.00
Within VCE type:     Analytic               max     =    38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
Pallidum_Left	1753.859	1.25005	1751.409	1756.309

```
Multiple-imputation estimates        Imputations    =            5
Mean estimation                      Number of obs  =       38,803
                                     Average RVI    =       0.0000
                                     Largest FMI    =       0.0000
                                     Complete DF    =        38802
DF adjustment:    Small sample       DF:    min     =    38,800.00
                                            avg     =    38,800.00
Within VCE type:     Analytic               max     =    38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
Pallidum_Right	1797.871	1.256013	1795.409	1800.333

```
Multiple-imputation estimates        Imputations    =            5
Mean estimation                      Number of obs  =       38,803
                                     Average RVI    =       0.0000
                                     Largest FMI    =       0.0000
                                     Complete DF    =        38802
DF adjustment:    Small sample       DF:    min     =    38,800.00
                                            avg     =    38,800.00
Within VCE type:     Analytic               max     =    38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
Putamen_Left	4756.858	3.088317	4750.805	4762.912

```
Multiple-imputation estimates        Imputations      =            5
Mean estimation                      Number of obs    =       38,803
                                     Average RVI      =       0.0000
                                     Largest FMI      =       0.0000
                                     Complete DF      =        38802
DF adjustment:   Small sample        DF:    min       =    38,800.00
                                            avg       =    38,800.00
Within VCE type:     Analytic               max       =    38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
Putamen_Right	4813.758	3.02978	4807.82	4819.697

```
Multiple-imputation estimates        Imputations      =            5
Mean estimation                      Number of obs    =       38,803
                                     Average RVI      =       0.0000
                                     Largest FMI      =       0.0000
                                     Complete DF      =        38802
DF adjustment:   Small sample        DF:    min       =    38,800.00
                                            avg       =    38,800.00
Within VCE type:     Analytic               max       =    38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
Thalamus_Left	7740.055	3.897676	7732.416	7747.695

```
Multiple-imputation estimates        Imputations      =            5
Mean estimation                      Number of obs    =       38,803
                                     Average RVI      =       0.0000
                                     Largest FMI      =       0.0000
                                     Complete DF      =        38802
DF adjustment:   Small sample        DF:    min       =    38,800.00
                                            avg       =    38,800.00
Within VCE type:     Analytic               max       =    38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
Thalamus_Right	7548.644	3.775129	7541.245	7556.044

```
Multiple-imputation estimates        Imputations      =            5
Mean estimation                      Number of obs    =       38,803
                                     Average RVI      =       0.0000
                                     Largest FMI      =       0.0000
                                     Complete DF      =        38802
DF adjustment:   Small sample        DF:    min       =    38,800.00
                                            avg       =    38,800.00
Within VCE type:     Analytic               max       =    38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
AD_PGS	.0386783	.0050096	.0288593	.0484972

```
Multiple-imputation estimates          Imputations     =            5
Mean estimation                        Number of obs   =       38,803
                                       Average RVI     =       0.0000
                                       Largest FMI     =       0.0000
                                       Complete DF     =        38802
DF adjustment:   Small sample          DF:     min     =    38,800.00
                                               avg     =    38,800.00
Within VCE type:     Analytic                  max     =    38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
LE8_TOTALSCORE	530.494	.4692813	529.5742	531.4138

```
Multiple-imputation estimates          Imputations     =            5
Mean estimation                        Number of obs   =       38,803
                                       Average RVI     =       0.0000
                                       Largest FMI     =       0.0000
                                       Complete DF     =        38802
DF adjustment:   Small sample          DF:     min     =    38,800.00
                                               avg     =    38,800.00
Within VCE type:     Analytic                  max     =    38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
LE8_BIOLOGICAL	267.8901	.3364578	267.2306	268.5496

```
Multiple-imputation estimates          Imputations     =            5
Mean estimation                        Number of obs   =       38,803
                                       Average RVI     =       0.0000
                                       Largest FMI     =       0.0000
                                       Complete DF     =        38802
DF adjustment:   Small sample          DF:     min     =    38,800.00
                                               avg     =    38,800.00
Within VCE type:     Analytic                  max     =    38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
LE8_LIFESTYLE	263.0821	.29345	262.5069	263.6572

```
Multiple-imputation estimates          Imputations     =            5
Mean estimation                        Number of obs   =       38,803
                                       Average RVI     =       0.0000
                                       Largest FMI     =       0.0000
                                       Complete DF     =        38802
DF adjustment:   Small sample          DF:     min     =    38,800.00
                                               avg     =    38,800.00
Within VCE type:     Analytic                  max     =    38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
TIME_V0V2	3289.925	3.21773	3283.618	3296.232

```
Multiple-imputation estimates         Imputations      =          5
Mean estimation                       Number of obs    =     38,803
                                      Average RVI      =     0.0000
                                      Largest FMI      =     0.0000
                                      Complete DF      =      38802
DF adjustment:    Small sample        DF:     min      =  38,800.00
                                              avg      =  38,800.00
Within VCE type:    Analytic                  max      =  38,800.00
```

	Mean	Std. err.	[95% conf. interval]	
AD_PGS	.0386783	.0050096	.0288593	.0484972

```
14 .
15 .
16 .
17 . **Lowest tertile of LE8**
18 . foreach x1 of varlist SEX RACE_ETHN educationbr   householdincome    infectionburdentert infectionburdenhospter
   2.        mi estimate: prop `x1' if sample_final==1 & LE8_TOTALSCOREtert==1
   3. }
```

```
Multiple-imputation estimates         Imputations      =          5
Proportion estimation                 Number of obs    =     12,190
                                      Average RVI      =     0.0000
                                      Largest FMI      =     0.0000
                                      Complete DF      =      12189
DF adjustment:    Small sample        DF:     min      =  12,187.00
                                              avg      =  12,187.00
Within VCE type:    Analytic                  max      =  12,187.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
SEX				
1	.5552092	.004501	.5463866	.5640318
2	.4447908	.004501	.4359682	.4536134

```
Multiple-imputation estimates         Imputations      =          5
Proportion estimation                 Number of obs    =     12,190
                                      Average RVI      =     0.0000
                                      Largest FMI      =     0.0000
                                      Complete DF      =      12189
DF adjustment:    Small sample        DF:     min      =  12,187.00
                                              avg      =  12,187.00
Within VCE type:    Analytic                  max      =  12,187.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
RACE_ETHN				
0	.9664479	.001631	.9632509	.9696449
1	.0079573	.0008047	.00638	.0095347
2	.0101723	.0009088	.0083908	.0119537
3	.0154225	.0011161	.0132348	.0176102

```
Multiple-imputation estimates          Imputations       =              5
Proportion estimation                  Number of obs     =         12,190
                                       Average RVI       =         0.1762
                                       Largest FMI       =         0.1713
                                       Complete DF       =          12189
DF adjustment:    Small sample         DF:      min      =         152.67
                                                avg      =         180.16
Within VCE type:      Analytic                  max      =         196.06
```

	Proportion	Std. err.	Normal [95% conf. interval]	
educationbr				
0	.18758	.0038593	.1799555	.1952045
1	.3806563	.0047463	.3712959	.3900167
2	.4317637	.0048464	.4222047	.4413228

```
Multiple-imputation estimates          Imputations       =              5
Proportion estimation                  Number of obs     =         12,190
                                       Average RVI       =         0.0685
                                       Largest FMI       =         0.1175
                                       Complete DF       =          12189
DF adjustment:    Small sample         DF:      min      =         309.67
                                                avg      =       1,599.58
Within VCE type:      Analytic                  max      =       5,906.87
```

	Proportion	Std. err.	Normal [95% conf. interval]	
householdincome				
1	.1384085	.0032477	.1320324	.1447847
2	.2293683	.004041	.2214171	.2373195
3	.312945	.0042392	.3046346	.3212555
4	.2563577	.0041088	.2482904	.2644249
5	.0629204	.0023199	.0583588	.067482

```
Multiple-imputation estimates          Imputations       =              5
Proportion estimation                  Number of obs     =         12,190
                                       Average RVI       =         0.0000
                                       Largest FMI       =         0.0000
                                       Complete DF       =          12189
DF adjustment:    Small sample         DF:      min      =      12,187.00
                                                avg      =      12,187.00
Within VCE type:      Analytic                  max      =      12,187.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
infectionburdentert				
1	.5327317	.0045189	.5238739	.5415896
2	.1778507	.0034634	.1710619	.1846395
3	.2894176	.0041074	.2813664	.2974687

```
Multiple-imputation estimates        Imputations      =           5
Proportion estimation                Number of obs    =      12,190
                                     Average RVI      =      0.0000
                                     Largest FMI      =      0.0000
                                     Complete DF      =       12189
DF adjustment:   Small sample        DF:      min     =   12,187.00
                                              avg     =   12,187.00
Within VCE type:     Analytic                 max     =   12,187.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
infectionburdenhosptert				
1	.8845775	.0028941	.8789047	.8902504
3	.1154225	.0028941	.1097496	.1210953

```
Multiple-imputation estimates        Imputations      =           5
Proportion estimation                Number of obs    =      12,190
                                     Average RVI      =      0.0000
                                     Largest FMI      =      0.0000
                                     Complete DF      =       12189
DF adjustment:   Small sample        DF:      min     =   12,187.00
                                              avg     =   12,187.00
Within VCE type:     Analytic                 max     =   12,187.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
AD_PGStert				
1	.3201805	.0042256	.3118976	.3284634
2	.3348646	.0042745	.3264859	.3432434
3	.3449549	.0043054	.3365156	.3533942

```
19 .
20 .
21 .
22 . foreach x2 of varlist AGE householdsize townsend FA_mean MD_mean ISOVF_mean ICVF_mean OD_mean infectionburden i
   > _Left Accumbens_Right Amygdala_Left Amygdala_Right Caudate_Left Caudate_Right Hippocampus_Left Hippocampus_Righ
   > E8_TOTALSCORE LE8_BIOLOGICAL LE8_LIFESTYLE TIME_V0V2 AD_PGS {
   2.          mi estimate: mean `x2' if sample_final==1 & LE8_TOTALSCOREtert==1
   3. }
```

```
Multiple-imputation estimates        Imputations      =           5
Mean estimation                      Number of obs    =      12,190
                                     Average RVI      =      0.0000
                                     Largest FMI      =      0.0000
                                     Complete DF      =       12189
DF adjustment:   Small sample        DF:      min     =   12,187.00
                                              avg     =   12,187.00
Within VCE type:     Analytic                 max     =   12,187.00
```

	Mean	Std. err.	[95% conf. interval]	
AGE	56.30896	.0649591	56.18163	56.43629

```
Multiple-imputation estimates          Imputations      =             5
Mean estimation                        Number of obs    =        12,190
                                       Average RVI      =        0.0023
                                       Largest FMI      =        0.0023
                                       Complete DF      =         12189
DF adjustment:    Small sample         DF:     min      =     11,968.31
                                               avg      =     11,968.31
Within VCE type:      Analytic                 max      =     11,968.31
```

	Mean	Std. err.	[95% conf.	interval]
householdsize	2.453369	.0102228	2.433331	2.473407

```
Multiple-imputation estimates          Imputations      =             5
Mean estimation                        Number of obs    =        12,190
                                       Average RVI      =        0.0003
                                       Largest FMI      =        0.0003
                                       Complete DF      =         12189
DF adjustment:    Small sample         DF:     min      =     12,178.42
                                               avg      =     12,178.42
Within VCE type:      Analytic                 max      =     12,178.42
```

	Mean	Std. err.	[95% conf.	interval]
townsend	-1.654224	.0258052	-1.704806	-1.603642

```
Multiple-imputation estimates          Imputations      =             5
Mean estimation                        Number of obs    =        12,190
                                       Average RVI      =        0.0000
                                       Largest FMI      =        0.0000
                                       Complete DF      =         12189
DF adjustment:    Small sample         DF:     min      =     12,187.00
                                               avg      =     12,187.00
Within VCE type:      Analytic                 max      =     12,187.00
```

	Mean	Std. err.	[95% conf.	interval]
FA_mean	.5589091	.0001868	.558543	.5592753

```
Multiple-imputation estimates          Imputations      =             5
Mean estimation                        Number of obs    =        12,190
                                       Average RVI      =        0.0000
                                       Largest FMI      =        0.0000
                                       Complete DF      =         12189
DF adjustment:    Small sample         DF:     min      =     12,187.00
                                               avg      =     12,187.00
Within VCE type:      Analytic                 max      =     12,187.00
```

	Mean	Std. err.	[95% conf.	interval]
MD_mean	.0007955	3.03e-07	.0007949	.0007961

```
Multiple-imputation estimates      Imputations      =           5
Mean estimation                    Number of obs    =      12,190
                                   Average RVI      =      0.0000
                                   Largest FMI      =      0.0000
                                   Complete DF      =       12189
DF adjustment:    Small sample     DF:     min      =   12,187.00
                                           avg      =   12,187.00
Within VCE type:      Analytic             max      =   12,187.00
```

	Mean	Std. err.	[95% conf.	interval]
ISOVF_mean	.0958671	.0001212	.0956295	.0961047

```
Multiple-imputation estimates      Imputations      =           5
Mean estimation                    Number of obs    =      12,190
                                   Average RVI      =      0.0000
                                   Largest FMI      =      0.0000
                                   Complete DF      =       12189
DF adjustment:    Small sample     DF:     min      =   12,187.00
                                           avg      =   12,187.00
Within VCE type:      Analytic             max      =   12,187.00
```

	Mean	Std. err.	[95% conf.	interval]
ICVF_mean	.611003	.0002619	.6104896	.6115164

```
Multiple-imputation estimates      Imputations      =           5
Mean estimation                    Number of obs    =      12,190
                                   Average RVI      =      0.0000
                                   Largest FMI      =      0.0000
                                   Complete DF      =       12189
DF adjustment:    Small sample     DF:     min      =   12,187.00
                                           avg      =   12,187.00
Within VCE type:      Analytic             max      =   12,187.00
```

	Mean	Std. err.	[95% conf.	interval]
OD_mean	.1285499	.0000777	.1283975	.1287022

```
Multiple-imputation estimates      Imputations      =           5
Mean estimation                    Number of obs    =      12,190
                                   Average RVI      =      0.0000
                                   Largest FMI      =      0.0000
                                   Complete DF      =       12189
DF adjustment:    Small sample     DF:     min      =   12,187.00
                                           avg      =   12,187.00
Within VCE type:      Analytic             max      =   12,187.00
```

	Mean	Std. err.	[95% conf.	interval]
infectionburden	1.157096	.0154854	1.126742	1.18745

```
Multiple-imputation estimates          Imputations      =            5
Mean estimation                        Number of obs    =       12,190
                                       Average RVI      =       0.0000
                                       Largest FMI      =       0.0000
                                       Complete DF      =        12189
DF adjustment:    Small sample         DF:     min      =    12,187.00
                                               avg      =    12,187.00
Within VCE type:     Analytic                  max      =    12,187.00
```

	Mean	Std. err.	[95% conf.	interval]
infectionburdenhosp	.2775226	.0089184	.260041	.2950041

```
Multiple-imputation estimates          Imputations      =            5
Mean estimation                        Number of obs    =       12,190
                                       Average RVI      =       0.0000
                                       Largest FMI      =       0.0000
                                       Complete DF      =        12189
DF adjustment:    Small sample         DF:     min      =    12,187.00
                                               avg      =    12,187.00
Within VCE type:     Analytic                  max      =    12,187.00
```

	Mean	Std. err.	[95% conf.	interval]
TOTALBRAIN	1160201	1016.529	1158209	1162194

```
Multiple-imputation estimates          Imputations      =            5
Mean estimation                        Number of obs    =       12,190
                                       Average RVI      =       0.0000
                                       Largest FMI      =       0.0000
                                       Complete DF      =        12189
DF adjustment:    Small sample         DF:     min      =    12,187.00
                                               avg      =    12,187.00
Within VCE type:     Analytic                  max      =    12,187.00
```

	Mean	Std. err.	[95% conf.	interval]
ICV	1554823	1384.639	1552109	1557537

```
Multiple-imputation estimates          Imputations      =            5
Mean estimation                        Number of obs    =       12,190
                                       Average RVI      =       0.0000
                                       Largest FMI      =       0.0000
                                       Complete DF      =        12189
DF adjustment:    Small sample         DF:     min      =    12,187.00
                                               avg      =    12,187.00
Within VCE type:     Analytic                  max      =    12,187.00
```

	Mean	Std. err.	[95% conf.	interval]
WM	548460.6	560.7896	547361.4	549559.9

```
Multiple-imputation estimates        Imputations       =           5
Mean estimation                      Number of obs     =      12,190
                                     Average RVI       =      0.0000
                                     Largest FMI       =      0.0000
                                     Complete DF       =       12189
DF adjustment:   Small sample        DF:     min       =   12,187.00
                                             avg       =   12,187.00
Within VCE type:    Analytic                 max       =   12,187.00
```

	Mean	Std. err.	[95% conf. interval]	
GM	611740.7	509.9746	610741.1	612740.4

```
Multiple-imputation estimates        Imputations       =           5
Mean estimation                      Number of obs     =      12,190
                                     Average RVI       =      0.0000
                                     Largest FMI       =      0.0000
                                     Complete DF       =       12189
DF adjustment:   Small sample        DF:     min       =   12,187.00
                                             avg       =   12,187.00
Within VCE type:    Analytic                 max       =   12,187.00
```

	Mean	Std. err.	[95% conf. interval]	
LnWMHpctICV	-1.457356	.008898	-1.474798	-1.439915

```
Multiple-imputation estimates        Imputations       =           5
Mean estimation                      Number of obs     =      12,190
                                     Average RVI       =      0.0000
                                     Largest FMI       =      0.0000
                                     Complete DF       =       12189
DF adjustment:   Small sample        DF:     min       =   12,187.00
                                             avg       =   12,187.00
Within VCE type:    Analytic                 max       =   12,187.00
```

	Mean	Std. err.	[95% conf. interval]	
FRONTAL_GM_LEFT	75604.64	73.22513	75461.11	75748.18

```
Multiple-imputation estimates        Imputations       =           5
Mean estimation                      Number of obs     =      12,190
                                     Average RVI       =      0.0000
                                     Largest FMI       =      0.0000
                                     Complete DF       =       12189
DF adjustment:   Small sample        DF:     min       =   12,187.00
                                             avg       =   12,187.00
Within VCE type:    Analytic                 max       =   12,187.00
```

	Mean	Std. err.	[95% conf. interval]	
FRONTAL_GM_RIGHT	75259.79	72.66643	75117.35	75402.23

```
Multiple-imputation estimates          Imputations     =            5
Mean estimation                        Number of obs   =       12,190
                                       Average RVI     =       0.0000
                                       Largest FMI     =       0.0000
                                       Complete DF     =        12189
DF adjustment:   Small sample          DF:     min     =    12,187.00
                                               avg     =    12,187.00
Within VCE type:    Analytic                   max     =    12,187.00
```

	Mean	Std. err.	[95% conf. interval]	
Accumbens_Left	483.6508	1.107937	481.479	485.8225

```
Multiple-imputation estimates          Imputations     =            5
Mean estimation                        Number of obs   =       12,190
                                       Average RVI     =       0.0000
                                       Largest FMI     =       0.0000
                                       Complete DF     =        12189
DF adjustment:   Small sample          DF:     min     =    12,187.00
                                               avg     =    12,187.00
Within VCE type:    Analytic                   max     =    12,187.00
```

	Mean	Std. err.	[95% conf. interval]	
Accumbens_Right	377.5203	1.006732	375.5469	379.4936

```
Multiple-imputation estimates          Imputations     =            5
Mean estimation                        Number of obs   =       12,190
                                       Average RVI     =       0.0000
                                       Largest FMI     =       0.0000
                                       Complete DF     =        12189
DF adjustment:   Small sample          DF:     min     =    12,187.00
                                               avg     =    12,187.00
Within VCE type:    Analytic                   max     =    12,187.00
```

	Mean	Std. err.	[95% conf. interval]	
Amygdala_Left	1269.106	2.270903	1264.655	1273.558

```
Multiple-imputation estimates          Imputations     =            5
Mean estimation                        Number of obs   =       12,190
                                       Average RVI     =       0.0000
                                       Largest FMI     =       0.0000
                                       Complete DF     =        12189
DF adjustment:   Small sample          DF:     min     =    12,187.00
                                               avg     =    12,187.00
Within VCE type:    Analytic                   max     =    12,187.00
```

	Mean	Std. err.	[95% conf. interval]	
Amygdala_Right	1230.506	2.504091	1225.598	1235.415

```
Multiple-imputation estimates        Imputations      =          5
Mean estimation                      Number of obs    =     12,190
                                     Average RVI      =     0.0000
                                     Largest FMI      =     0.0000
                                     Complete DF      =      12189
DF adjustment:  Small sample         DF:      min     = 12,187.00
                                              avg     = 12,187.00
Within VCE type:   Analytic                   max     = 12,187.00
```

	Mean	Std. err.	[95% conf. interval]	
Caudate_Left	3367.804	3.890281	3360.179	3375.43

```
Multiple-imputation estimates        Imputations      =          5
Mean estimation                      Number of obs    =     12,190
                                     Average RVI      =     0.0000
                                     Largest FMI      =     0.0000
                                     Complete DF      =      12189
DF adjustment:  Small sample         DF:      min     = 12,187.00
                                              avg     = 12,187.00
Within VCE type:   Analytic                   max     = 12,187.00
```

	Mean	Std. err.	[95% conf. interval]	
Caudate_Right	3552.8	4.113738	3544.737	3560.864

```
Multiple-imputation estimates        Imputations      =          5
Mean estimation                      Number of obs    =     12,190
                                     Average RVI      =     0.0000
                                     Largest FMI      =     0.0000
                                     Complete DF      =      12189
DF adjustment:  Small sample         DF:      min     = 12,187.00
                                              avg     = 12,187.00
Within VCE type:   Analytic                   max     = 12,187.00
```

	Mean	Std. err.	[95% conf. interval]	
Hippocampus_Left	3758.843	4.434258	3750.151	3767.535

```
Multiple-imputation estimates        Imputations      =          5
Mean estimation                      Number of obs    =     12,190
                                     Average RVI      =     0.0000
                                     Largest FMI      =     0.0000
                                     Complete DF      =      12189
DF adjustment:  Small sample         DF:      min     = 12,187.00
                                              avg     = 12,187.00
Within VCE type:   Analytic                   max     = 12,187.00
```

	Mean	Std. err.	[95% conf. interval]	
Hippocampus_Right	3872.633	4.532122	3863.75	3881.517

```
Multiple-imputation estimates          Imputations      =            5
Mean estimation                        Number of obs    =       12,190
                                       Average RVI      =       0.0000
                                       Largest FMI      =       0.0000
                                       Complete DF      =        12189
DF adjustment:    Small sample         DF:    min       =    12,187.00
                                              avg       =    12,187.00
Within VCE type:    Analytic                  max       =    12,187.00
```

	Mean	Std. err.	[95% conf.	interval]
Pallidum_Left	1748.058	2.242585	1743.662	1752.454

```
Multiple-imputation estimates          Imputations      =            5
Mean estimation                        Number of obs    =       12,190
                                       Average RVI      =       0.0000
                                       Largest FMI      =       0.0000
                                       Complete DF      =        12189
DF adjustment:    Small sample         DF:    min       =    12,187.00
                                              avg       =    12,187.00
Within VCE type:    Analytic                  max       =    12,187.00
```

	Mean	Std. err.	[95% conf.	interval]
Pallidum_Right	1787.57	2.256864	1783.146	1791.994

```
Multiple-imputation estimates          Imputations      =            5
Mean estimation                        Number of obs    =       12,190
                                       Average RVI      =       0.0000
                                       Largest FMI      =       0.0000
                                       Complete DF      =        12189
DF adjustment:    Small sample         DF:    min       =    12,187.00
                                              avg       =    12,187.00
Within VCE type:    Analytic                  max       =    12,187.00
```

	Mean	Std. err.	[95% conf.	interval]
Putamen_Left	4744.189	5.676327	4733.063	4755.316

```
Multiple-imputation estimates          Imputations      =            5
Mean estimation                        Number of obs    =       12,190
                                       Average RVI      =       0.0000
                                       Largest FMI      =       0.0000
                                       Complete DF      =        12189
DF adjustment:    Small sample         DF:    min       =    12,187.00
                                              avg       =    12,187.00
Within VCE type:    Analytic                  max       =    12,187.00
```

	Mean	Std. err.	[95% conf.	interval]
Putamen_Right	4808.807	5.596615	4797.836	4819.777

```
Multiple-imputation estimates        Imputations     =            5
Mean estimation                      Number of obs   =       12,190
                                     Average RVI     =       0.0000
                                     Largest FMI     =       0.0000
                                     Complete DF     =        12189
DF adjustment:   Small sample        DF:      min    =   12,187.00
                                              avg    =   12,187.00
Within VCE type:     Analytic                 max    =   12,187.00
```

	Mean	Std. err.	[95% conf. interval]	
Thalamus_Left	7707.833	7.007	7694.098	7721.567

```
Multiple-imputation estimates        Imputations     =            5
Mean estimation                      Number of obs   =       12,190
                                     Average RVI     =       0.0000
                                     Largest FMI     =       0.0000
                                     Complete DF     =        12189
DF adjustment:   Small sample        DF:      min    =   12,187.00
                                              avg    =   12,187.00
Within VCE type:     Analytic                 max    =   12,187.00
```

	Mean	Std. err.	[95% conf. interval]	
Thalamus_Right	7516.826	6.766005	7503.564	7530.089

```
Multiple-imputation estimates        Imputations     =            5
Mean estimation                      Number of obs   =       12,190
                                     Average RVI     =       0.0000
                                     Largest FMI     =       0.0000
                                     Complete DF     =        12189
DF adjustment:   Small sample        DF:      min    =   12,187.00
                                              avg    =   12,187.00
Within VCE type:     Analytic                 max    =   12,187.00
```

	Mean	Std. err.	[95% conf. interval]	
AD_PGS	.0634007	.0089826	.0457933	.0810081

```
Multiple-imputation estimates        Imputations     =            5
Mean estimation                      Number of obs   =       12,190
                                     Average RVI     =       0.0000
                                     Largest FMI     =       0.0000
                                     Complete DF     =        12189
DF adjustment:   Small sample        DF:      min    =   12,187.00
                                              avg    =   12,187.00
Within VCE type:     Analytic                 max    =   12,187.00
```

	Mean	Std. err.	[95% conf. interval]	
LE8_TOTALSCORE	424.5069	.4664732	423.5926	425.4213

```
Multiple-imputation estimates        Imputations    =          5
Mean estimation                      Number of obs  =     12,190
                                     Average RVI    =     0.0000
                                     Largest FMI    =     0.0000
                                     Complete DF    =      12189
DF adjustment:    Small sample       DF:    min     = 12,187.00
                                            avg     = 12,187.00
Within VCE type:     Analytic               max     = 12,187.00
```

	Mean	Std. err.	[95% conf.	interval]
LE8_BIOLOGICAL	210.3299	.4666963	209.4151	211.2447

```
Multiple-imputation estimates        Imputations    =          5
Mean estimation                      Number of obs  =     12,190
                                     Average RVI    =     0.0000
                                     Largest FMI    =     0.0000
                                     Complete DF    =      12189
DF adjustment:    Small sample       DF:    min     = 12,187.00
                                            avg     = 12,187.00
Within VCE type:     Analytic               max     = 12,187.00
```

	Mean	Std. err.	[95% conf.	interval]
LE8_LIFESTYLE	214.1068	.4504587	213.2239	214.9898

```
Multiple-imputation estimates        Imputations    =          5
Mean estimation                      Number of obs  =     12,190
                                     Average RVI    =     0.0000
                                     Largest FMI    =     0.0000
                                     Complete DF    =      12189
DF adjustment:    Small sample       DF:    min     = 12,187.00
                                            avg     = 12,187.00
Within VCE type:     Analytic               max     = 12,187.00
```

	Mean	Std. err.	[95% conf.	interval]
TIME_V0V2	3249.258	5.787852	3237.913	3260.603

```
Multiple-imputation estimates        Imputations    =          5
Mean estimation                      Number of obs  =     12,190
                                     Average RVI    =     0.0000
                                     Largest FMI    =     0.0000
                                     Complete DF    =      12189
DF adjustment:    Small sample       DF:    min     = 12,187.00
                                            avg     = 12,187.00
Within VCE type:     Analytic               max     = 12,187.00
```

	Mean	Std. err.	[95% conf.	interval]
AD_PGS	.0634007	.0089826	.0457933	.0810081

```
23 .
24 .
25 .
26 . **Middle tertile of LE8**
27 . foreach x1 of varlist SEX RACE_ETHN educationbr  householdincome  infectionburdentert infectionburdenhosptert A
     2.          mi estimate: prop `x1' if sample_final==1 & LE8_TOTALSCOREtert==2
     3. }
```

```
Multiple-imputation estimates     Imputations      =          5
Proportion estimation             Number of obs    =     12,806
                                  Average RVI      =     0.0000
                                  Largest FMI      =     0.0000
                                  Complete DF      =      12805
DF adjustment:   Small sample     DF:     min      = 12,803.00
                                          avg      = 12,803.00
Within VCE type:     Analytic             max      = 12,803.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
SEX				
1	.4972669	.0044183	.4886063	.5059275
2	.5027331	.0044183	.4940725	.5113937

```
Multiple-imputation estimates     Imputations      =          5
Proportion estimation             Number of obs    =     12,806
                                  Average RVI      =     0.0000
                                  Largest FMI      =     0.0000
                                  Complete DF      =      12805
DF adjustment:   Small sample     DF:     min      = 12,803.00
                                          avg      = 12,803.00
Within VCE type:     Analytic             max      = 12,803.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
RACE_ETHN				
0	.968218	.0015501	.9651795	.9712565
1	.0073403	.0007543	.0058617	.0088189
2	.0103077	.0008925	.0085582	.0120572
3	.014134	.0010431	.0120893	.0161787

```
Multiple-imputation estimates     Imputations      =          5
Proportion estimation             Number of obs    =     12,806
                                  Average RVI      =     0.0256
                                  Largest FMI      =     0.0601
                                  Complete DF      =      12805
DF adjustment:   Small sample     DF:     min      =  1,065.15
                                          avg      =  4,127.86
Within VCE type:     Analytic             max      = 10,124.21
```

	Proportion	Std. err.	Normal [95% conf. interval]	
educationbr				
0	.1564735	.0032249	.1501521	.1627949
1	.3455099	.0043226	.3370292	.3539907
2	.4980166	.0045536	.4890816	.5069515

```
Multiple-imputation estimates      Imputations     =          5
Proportion estimation              Number of obs   =     12,806
                                   Average RVI     =     0.0548
                                   Largest FMI     =     0.1055
                                   Complete DF     =      12805
DF adjustment:    Small sample     DF:    min      =     379.49
                                          avg      =   1,373.70
Within VCE type:     Analytic             max      =   3,941.67
```

	Proportion	Std. err.	Normal [95% conf. interval]	
householdincome				
1	.1101515	.0028038	.1046545	.1156485
2	.2271279	.0038223	.219627	.2346289
3	.2980009	.0042626	.2896196	.3063823
4	.2890676	.0041633	.2808932	.2972421
5	.075652	.0024156	.0709111	.080393

```
Multiple-imputation estimates      Imputations     =          5
Proportion estimation              Number of obs   =     12,806
                                   Average RVI     =     0.0000
                                   Largest FMI     =     0.0000
                                   Complete DF     =      12805
DF adjustment:    Small sample     DF:    min      =  12,803.00
                                          avg      =  12,803.00
Within VCE type:     Analytic             max      =  12,803.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
infectionburdentert				
1	.5206153	.0044146	.511962	.5292687
2	.1849914	.0034312	.1782657	.1917171
3	.2943933	.0040275	.2864987	.3022878

```
Multiple-imputation estimates      Imputations     =          5
Proportion estimation              Number of obs   =     12,806
                                   Average RVI     =     0.0000
                                   Largest FMI     =     0.0000
                                   Complete DF     =      12805
DF adjustment:    Small sample     DF:    min      =  12,803.00
                                          avg      =  12,803.00
Within VCE type:     Analytic             max      =  12,803.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
infectionburdenhosptert				
1	.9061377	.0025771	.9010862	.9111893
3	.0938623	.0025771	.0888107	.0989138

```
Multiple-imputation estimates      Imputations      =           5
Proportion estimation              Number of obs    =      12,806
                                   Average RVI      =      0.0000
                                   Largest FMI      =      0.0000
                                   Complete DF      =       12805
DF adjustment:    Small sample     DF:    min       =   12,803.00
                                          avg       =   12,803.00
Within VCE type:     Analytic             max       =   12,803.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
AD_PGStert				
1	.3275808	.0041474	.3194514	.3357103
2	.3297673	.0041544	.321624	.3379106
3	.3426519	.0041939	.3344312	.3508725

```
28 .
29 .
30 .
31 . foreach x2 of varlist AGE householdsize townsend FA_mean MD_mean ISOVF_mean ICVF_mean OD_mean infectionburden i
 > _Left Accumbens_Right Amygdala_Left Amygdala_Right Caudate_Left Caudate_Right Hippocampus_Left Hippocampus_Righ
 > E8_TOTALSCORE LE8_BIOLOGICAL LE8_LIFESTYLE TIME_V0V2 AD_PGS {
  2.          mi estimate: mean `x2' if sample_final==1 & LE8_TOTALSCOREtert==2
  3. }
```

```
Multiple-imputation estimates      Imputations      =           5
Mean estimation                    Number of obs    =      12,806
                                   Average RVI      =      0.0000
                                   Largest FMI      =      0.0000
                                   Complete DF      =       12805
DF adjustment:    Small sample     DF:    min       =   12,803.00
                                          avg       =   12,803.00
Within VCE type:     Analytic             max       =   12,803.00
```

	Mean	Std. err.	[95% conf. interval]	
AGE	55.98346	.0655986	55.85487	56.11204

```
Multiple-imputation estimates      Imputations      =           5
Mean estimation                    Number of obs    =      12,806
                                   Average RVI      =      0.0004
                                   Largest FMI      =      0.0004
                                   Complete DF      =       12805
DF adjustment:    Small sample     DF:    min       =   12,791.90
                                          avg       =   12,791.90
Within VCE type:     Analytic             max       =   12,791.90
```

	Mean	Std. err.	[95% conf.	interval]
householdsize	2.544204	.0107774	2.523079	2.56533

```
Multiple-imputation estimates          Imputations     =            5
Mean estimation                        Number of obs   =       12,806
                                       Average RVI     =       0.0003
                                       Largest FMI     =       0.0003
                                       Complete DF     =        12805
DF adjustment:   Small sample          DF:     min     =    12,796.09
                                               avg     =    12,796.09
Within VCE type:     Analytic                  max     =    12,796.09
```

	Mean	Std. err.	[95% conf.	interval]
townsend	-1.955519	.0234841	-2.001551	-1.909486

```
Multiple-imputation estimates          Imputations     =            5
Mean estimation                        Number of obs   =       12,806
                                       Average RVI     =       0.0000
                                       Largest FMI     =       0.0000
                                       Complete DF     =        12805
DF adjustment:   Small sample          DF:     min     =    12,803.00
                                               avg     =    12,803.00
Within VCE type:     Analytic                  max     =    12,803.00
```

	Mean	Std. err.	[95% conf.	interval]
FA_mean	.5610514	.000183	.5606927	.56141

```
Multiple-imputation estimates          Imputations     =            5
Mean estimation                        Number of obs   =       12,806
                                       Average RVI     =       0.0000
                                       Largest FMI     =       0.0000
                                       Complete DF     =        12805
DF adjustment:   Small sample          DF:     min     =    12,803.00
                                               avg     =    12,803.00
Within VCE type:     Analytic                  max     =    12,803.00
```

	Mean	Std. err.	[95% conf.	interval]
MD_mean	.0007941	2.88e-07	.0007935	.0007947

```
Multiple-imputation estimates          Imputations     =            5
Mean estimation                        Number of obs   =       12,806
                                       Average RVI     =       0.0000
                                       Largest FMI     =       0.0000
                                       Complete DF     =        12805
DF adjustment:   Small sample          DF:     min     =    12,803.00
                                               avg     =    12,803.00
Within VCE type:     Analytic                  max     =    12,803.00
```

	Mean	Std. err.	[95% conf. interval]	
ISOVF_mean	.0952638	.0001167	.095035	.0954926

```
Multiple-imputation estimates        Imputations   =          5
Mean estimation                      Number of obs =     12,806
                                     Average RVI   =     0.0000
                                     Largest FMI   =     0.0000
                                     Complete DF   =      12805
DF adjustment:  Small sample         DF:     min   =  12,803.00
                                             avg   =  12,803.00
Within VCE type:    Analytic                 max   =  12,803.00
```

	Mean	Std. err.	[95% conf. interval]	
ICVF_mean	.6115315	.0002439	.6110535	.6120096

```
Multiple-imputation estimates        Imputations   =          5
Mean estimation                      Number of obs =     12,806
                                     Average RVI   =     0.0000
                                     Largest FMI   =     0.0000
                                     Complete DF   =      12805
DF adjustment:  Small sample         DF:     min   =  12,803.00
                                             avg   =  12,803.00
Within VCE type:    Analytic                 max   =  12,803.00
```

	Mean	Std. err.	[95% conf. interval]	
OD_mean	.1275298	.0000724	.1273879	.1276718

```
Multiple-imputation estimates        Imputations   =          5
Mean estimation                      Number of obs =     12,806
                                     Average RVI   =     0.0000
                                     Largest FMI   =     0.0000
                                     Complete DF   =      12805
DF adjustment:  Small sample         DF:     min   =  12,803.00
                                             avg   =  12,803.00
Within VCE type:    Analytic                 max   =  12,803.00
```

	Mean	Std. err.	[95% conf. interval]	
infectionburden	1.190926	.0151763	1.161178	1.220674

```
Multiple-imputation estimates        Imputations   =          5
Mean estimation                      Number of obs =     12,806
                                     Average RVI   =     0.0000
                                     Largest FMI   =     0.0000
                                     Complete DF   =      12805
DF adjustment:  Small sample         DF:     min   =  12,803.00
                                             avg   =  12,803.00
Within VCE type:    Analytic                 max   =  12,803.00
```

	Mean	Std. err.	[95% conf. interval]	
infectionburdenhosp	.2213806	.0077344	.2062201	.2365411

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   12,806
                                     Average RVI   =   0.0000
                                     Largest FMI   =   0.0000
                                     Complete DF   =   12805
DF adjustment: **Small sample**   DF: min   =   12,803.00
                                             avg   =   12,803.00
Within VCE type: **Analytic**   max   =   12,803.00

	Mean	Std. err.	[95% conf. interval]	
TOTALBRAIN	1162163	995.8442	1160211	1164115

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   12,806
                                     Average RVI   =   0.0000
                                     Largest FMI   =   0.0000
                                     Complete DF   =   12805
DF adjustment: **Small sample**   DF: min   =   12,803.00
                                             avg   =   12,803.00
Within VCE type: **Analytic**   max   =   12,803.00

	Mean	Std. err.	[95% conf. interval]	
ICV	1553167	1390.299	1550442	1555892

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   12,806
                                     Average RVI   =   0.0000
                                     Largest FMI   =   0.0000
                                     Complete DF   =   12805
DF adjustment: **Small sample**   DF: min   =   12,803.00
                                             avg   =   12,803.00
Within VCE type: **Analytic**   max   =   12,803.00

	Mean	Std. err.	[95% conf. interval]	
WM	546564.4	549.3434	545487.6	547641.2

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   12,806
                                     Average RVI   =   0.0000
                                     Largest FMI   =   0.0000
                                     Complete DF   =   12805
DF adjustment: **Small sample**   DF: min   =   12,803.00
                                             avg   =   12,803.00
Within VCE type: **Analytic**   max   =   12,803.00

	Mean	Std. err.	[95% conf. interval]	
GM	615598.9	497.0823	614624.5	616573.2

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   12,806
                                       Average RVI   =   0.0000
                                       Largest FMI   =   0.0000
                                       Complete DF   =   12805
DF adjustment: **Small sample**   DF: min   =   12,803.00
                                               avg   =   12,803.00
Within VCE type: **Analytic**   max   =   12,803.00

	Mean	Std. err.	[95% conf. interval]	
LnWMHpctICV	-1.601251	.0086745	-1.618255	-1.584248

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   12,806
                                       Average RVI   =   0.0000
                                       Largest FMI   =   0.0000
                                       Complete DF   =   12805
DF adjustment: **Small sample**   DF: min   =   12,803.00
                                               avg   =   12,803.00
Within VCE type: **Analytic**   max   =   12,803.00

	Mean	Std. err.	[95% conf. interval]	
FRONTAL_GM_LEFT	75963.87	70.72444	75825.24	76102.5

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   12,806
                                       Average RVI   =   0.0000
                                       Largest FMI   =   0.0000
                                       Complete DF   =   12805
DF adjustment: **Small sample**   DF: min   =   12,803.00
                                               avg   =   12,803.00
Within VCE type: **Analytic**   max   =   12,803.00

	Mean	Std. err.	[95% conf. interval]	
FRONTAL_GM_RIGHT	75637.03	70.23579	75499.35	75774.7

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   12,806
                                       Average RVI   =   0.0000
                                       Largest FMI   =   0.0000
                                       Complete DF   =   12805
DF adjustment: **Small sample**   DF: min   =   12,803.00
                                               avg   =   12,803.00
Within VCE type: **Analytic**   max   =   12,803.00

	Mean	Std. err.	[95% conf. interval]	
Accumbens_Left	491.9271	1.07586	489.8183	494.036

Multiple-imputation estimates	Imputations	=	5
Mean estimation	Number of obs	=	12,806
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
	Complete DF	=	12805
DF adjustment: **Small sample**	DF: min	=	12,803.00
	avg	=	12,803.00
Within VCE type: **Analytic**	max	=	12,803.00

	Mean	Std. err.	[95% conf. interval]	
Accumbens_Right	383.5789	.9896994	381.6389	385.5188

Multiple-imputation estimates	Imputations	=	5
Mean estimation	Number of obs	=	12,806
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
	Complete DF	=	12805
DF adjustment: **Small sample**	DF: min	=	12,803.00
	avg	=	12,803.00
Within VCE type: **Analytic**	max	=	12,803.00

	Mean	Std. err.	[95% conf. interval]	
Amygdala_Left	1265.286	2.193118	1260.987	1269.585

Multiple-imputation estimates	Imputations	=	5
Mean estimation	Number of obs	=	12,806
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
	Complete DF	=	12805
DF adjustment: **Small sample**	DF: min	=	12,803.00
	avg	=	12,803.00
Within VCE type: **Analytic**	max	=	12,803.00

	Mean	Std. err.	[95% conf. interval]	
Amygdala_Right	1231.199	2.423896	1226.447	1235.95

Multiple-imputation estimates	Imputations	=	5
Mean estimation	Number of obs	=	12,806
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
	Complete DF	=	12805
DF adjustment: **Small sample**	DF: min	=	12,803.00
	avg	=	12,803.00
Within VCE type: **Analytic**	max	=	12,803.00

	Mean	Std. err.	[95% conf. interval]	
Caudate_Left	3383.703	3.789344	3376.275	3391.131

Multiple-imputation estimates		Imputations	=	5
Mean estimation		Number of obs	=	12,806
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	12805
DF adjustment: **Small sample**		DF: min	=	12,803.00
		avg	=	12,803.00
Within VCE type: **Analytic**		max	=	12,803.00

	Mean	Std. err.	[95% conf. interval]	
Caudate_Right	3566.542	3.95946	3558.781	3574.303

Multiple-imputation estimates		Imputations	=	5
Mean estimation		Number of obs	=	12,806
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	12805
DF adjustment: **Small sample**		DF: min	=	12,803.00
		avg	=	12,803.00
Within VCE type: **Analytic**		max	=	12,803.00

	Mean	Std. err.	[95% conf. interval]	
Hippocampus_Left	3768.412	4.290875	3760.002	3776.823

Multiple-imputation estimates		Imputations	=	5
Mean estimation		Number of obs	=	12,806
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	12805
DF adjustment: **Small sample**		DF: min	=	12,803.00
		avg	=	12,803.00
Within VCE type: **Analytic**		max	=	12,803.00

	Mean	Std. err.	[95% conf. interval]	
Hippocampus_Right	3893.734	4.43165	3885.048	3902.421

Multiple-imputation estimates		Imputations	=	5
Mean estimation		Number of obs	=	12,806
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	12805
DF adjustment: **Small sample**		DF: min	=	12,803.00
		avg	=	12,803.00
Within VCE type: **Analytic**		max	=	12,803.00

	Mean	Std. err.	[95% conf. interval]	
Pallidum_Left	1759.169	2.200571	1754.856	1763.483

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   12,806
                                             Average RVI   =   0.0000
                                             Largest FMI   =   0.0000
                                             Complete DF   =   12805
DF adjustment: **Small sample**   DF: min   = 12,803.00
                                                avg   = 12,803.00
Within VCE type: **Analytic**   max   = 12,803.00

	Mean	Std. err.	[95% conf. interval]	
Pallidum_Right	1802.903	2.196701	1798.598	1807.209

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   12,806
                                             Average RVI   =   0.0000
                                             Largest FMI   =   0.0000
                                             Complete DF   =   12805
DF adjustment: **Small sample**   DF: min   = 12,803.00
                                                avg   = 12,803.00
Within VCE type: **Analytic**   max   = 12,803.00

	Mean	Std. err.	[95% conf. interval]	
Putamen_Left	4763.196	5.451342	4752.51	4773.881

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   12,806
                                             Average RVI   =   0.0000
                                             Largest FMI   =   0.0000
                                             Complete DF   =   12805
DF adjustment: **Small sample**   DF: min   = 12,803.00
                                                avg   = 12,803.00
Within VCE type: **Analytic**   max   = 12,803.00

	Mean	Std. err.	[95% conf. interval]	
Putamen_Right	4820.629	5.318882	4810.203	4831.054

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   12,806
                                             Average RVI   =   0.0000
                                             Largest FMI   =   0.0000
                                             Complete DF   =   12805
DF adjustment: **Small sample**   DF: min   = 12,803.00
                                                avg   = 12,803.00
Within VCE type: **Analytic**   max   = 12,803.00

	Mean	Std. err.	[95% conf. interval]	
Thalamus_Left	7746.858	6.769575	7733.589	7760.128

Multiple-imputation estimates	Imputations	=	5
Mean estimation	Number of obs	=	12,806
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
	Complete DF	=	12805
DF adjustment: **Small sample**	DF: min	=	12,803.00
	avg	=	12,803.00
Within VCE type: **Analytic**	max	=	12,803.00

	Mean	Std. err.	[95% conf. interval]	
Thalamus_Right	7558.182	6.575199	7545.294	7571.07

Multiple-imputation estimates	Imputations	=	5
Mean estimation	Number of obs	=	12,806
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
	Complete DF	=	12805
DF adjustment: **Small sample**	DF: min	=	12,803.00
	avg	=	12,803.00
Within VCE type: **Analytic**	max	=	12,803.00

	Mean	Std. err.	[95% conf. interval]	
AD_PGS	.0427918	.0087611	.0256187	.059965

Multiple-imputation estimates	Imputations	=	5
Mean estimation	Number of obs	=	12,806
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
	Complete DF	=	12805
DF adjustment: **Small sample**	DF: min	=	12,803.00
	avg	=	12,803.00
Within VCE type: **Analytic**	max	=	12,803.00

	Mean	Std. err.	[95% conf. interval]	
LE8_TOTALSCORE	527.577	.2030723	527.1789	527.975

Multiple-imputation estimates	Imputations	=	5
Mean estimation	Number of obs	=	12,806
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
	Complete DF	=	12805
DF adjustment: **Small sample**	DF: min	=	12,803.00
	avg	=	12,803.00
Within VCE type: **Analytic**	max	=	12,803.00

	Mean	Std. err.	[95% conf. interval]
LE8_BIOLOGICAL	264.1992	.4013924	263.4124 264.986

```
Multiple-imputation estimates      Imputations    =          5
Mean estimation                    Number of obs  =     12,806
                                   Average RVI    =     0.0000
                                   Largest FMI    =     0.0000
                                   Complete DF    =      12805
DF adjustment:   Small sample      DF:     min    = 12,803.00
                                           avg    = 12,803.00
Within VCE type:    Analytic               max    = 12,803.00
```

	Mean	Std. err.	[95% conf. interval]
LE8_LIFESTYLE	263.7937	.3627914	263.0825 264.5048

```
Multiple-imputation estimates      Imputations    =          5
Mean estimation                    Number of obs  =     12,806
                                   Average RVI    =     0.0000
                                   Largest FMI    =     0.0000
                                   Complete DF    =      12805
DF adjustment:   Small sample      DF:     min    = 12,803.00
                                           avg    = 12,803.00
Within VCE type:    Analytic               max    = 12,803.00
```

	Mean	Std. err.	[95% conf. interval]
TIME_V0V2	3289.888	5.59411	3278.923 3300.854

```
Multiple-imputation estimates      Imputations    =          5
Mean estimation                    Number of obs  =     12,806
                                   Average RVI    =     0.0000
                                   Largest FMI    =     0.0000
                                   Complete DF    =      12805
DF adjustment:   Small sample      DF:     min    = 12,803.00
                                           avg    = 12,803.00
Within VCE type:    Analytic               max    = 12,803.00
```

	Mean	Std. err.	[95% conf. interval]
AD_PGS	.0427918	.0087611	.0256187 .059965

```
32 .
33 .
34 .
35 . **Highest tertile of LE8**
36 .
37 . foreach x1 of varlist SEX RACE_ETHN educationbr  householdincome  infectionburdentert infectionburdenhosptert A
  2.          mi estimate: prop `x1' if sample_final==1 & LE8_TOTALSCOREtert==3
  3. }
```

```
Multiple-imputation estimates      Imputations      =           5
Proportion estimation              Number of obs    =      13,807
                                   Average RVI      =      0.0000
                                   Largest FMI      =      0.0000
                                   Complete DF      =       13806
DF adjustment:    Small sample     DF:    min       =   13,804.00
                                          avg       =   13,804.00
Within VCE type:     Analytic             max       =   13,804.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
SEX				
1	.3690157	.0041066	.3609662	.3770652
2	.6309843	.0041066	.6229348	.6390338

```
Multiple-imputation estimates      Imputations      =           5
Proportion estimation              Number of obs    =      13,807
                                   Average RVI      =      0.0000
                                   Largest FMI      =      0.0000
                                   Complete DF      =       13806
DF adjustment:    Small sample     DF:    min       =   13,804.00
                                          avg       =   13,804.00
Within VCE type:     Analytic             max       =   13,804.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
RACE_ETHN				
0	.9707395	.0014343	.967928	.9735509
1	.0035489	.0005061	.0025569	.0045409
2	.0094879	.000825	.0078708	.0111051
3	.0162237	.0010752	.0141162	.0183311

```
Multiple-imputation estimates      Imputations      =           5
Proportion estimation              Number of obs    =      13,807
                                   Average RVI      =      0.0425
                                   Largest FMI      =      0.0842
                                   Complete DF      =       13806
DF adjustment:    Small sample     DF:    min       =      579.11
                                          avg       =    1,424.07
Within VCE type:     Analytic             max       =    2,123.85
```

	Proportion	Std. err.	Normal [95% conf. interval]	
educationbr				
0	.1276309	.0029625	.1218123	.1334495
1	.323575	.0040631	.3156069	.3315431
2	.5487941	.0043389	.5402834	.5573048

```
Multiple-imputation estimates     Imputations     =          5
Proportion estimation             Number of obs   =     13,807
                                  Average RVI     =     0.0515
                                  Largest FMI     =     0.0908
                                  Complete DF     =      13806
DF adjustment:   Small sample     DF:     min     =     503.11
                                          avg     =   1,946.10
Within VCE type:    Analytic              max     =   5,584.86
```

	Proportion	Std. err.	Normal [95% conf. interval]	
householdincome				
1	.1034113	.0026823	.0981465	.1086762
2	.2108641	.0036335	.2037254	.2180027
3	.2963859	.0040682	.2883932	.3043786
4	.2971391	.0039297	.2894353	.3048429
5	.0921996	.0025102	.0872771	.0971222

```
Multiple-imputation estimates     Imputations     =          5
Proportion estimation             Number of obs   =     13,807
                                  Average RVI     =     0.0000
                                  Largest FMI     =     0.0000
                                  Complete DF     =      13806
DF adjustment:   Small sample     DF:     min     =  13,804.00
                                          avg     =  13,804.00
Within VCE type:    Analytic              max     =  13,804.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
infectionburdentert				
1	.5228507	.0042508	.5145187	.5311828
2	.1762874	.003243	.1699306	.1826441
3	.3008619	.0039032	.2932112	.3085126

```
Multiple-imputation estimates     Imputations     =          5
Proportion estimation             Number of obs   =     13,807
                                  Average RVI     =     0.0000
                                  Largest FMI     =     0.0000
                                  Complete DF     =      13806
DF adjustment:   Small sample     DF:     min     =  13,804.00
                                          avg     =  13,804.00
Within VCE type:    Analytic              max     =  13,804.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
infectionburdenhosptert				
1	.9144637	.0023802	.9097982	.9191291
3	.0855363	.0023802	.0808709	.0902018

```
Multiple-imputation estimates     Imputations     =           5
Proportion estimation             Number of obs   =      13,807
                                  Average RVI     =      0.0000
                                  Largest FMI     =      0.0000
                                  Complete DF     =       13806
DF adjustment:   Small sample     DF:     min     =   13,804.00
                                          avg     =   13,804.00
Within VCE type:    Analytic              max     =   13,804.00
```

	Proportion	Std. err.	Normal [95% conf. interval]	
AD_PGStert				
1	.3403346	.0040324	.3324305	.3482387
2	.3335265	.0040124	.3256616	.3413914
3	.3261389	.0039897	.3183186	.3339592

```
38 .
39 .
40 .
41 . foreach x2 of varlist AGE householdsize townsend FA_mean MD_mean ISOVF_mean ICVF_mean OD_mean infectionburden i
   > _Left Accumbens_Right Amygdala_Left Amygdala_Right Caudate_Left Caudate_Right Hippocampus_Left Hippocampus_Righ
   > E8_TOTALSCORE LE8_BIOLOGICAL LE8_LIFESTYLE TIME_V0V2 AD_PGS {
   2.          mi estimate: mean `x2' if sample_final==1 & LE8_TOTALSCOREtert==3
   3. }
```

```
Multiple-imputation estimates     Imputations     =           5
Mean estimation                   Number of obs   =      13,807
                                  Average RVI     =      0.0000
                                  Largest FMI     =      0.0000
                                  Complete DF     =       13806
DF adjustment:   Small sample     DF:     min     =   13,804.00
                                          avg     =   13,804.00
Within VCE type:    Analytic              max     =   13,804.00
```

	Mean	Std. err.	[95% conf. interval]	
AGE	54.27913	.065818	54.15012	54.40815

```
Multiple-imputation estimates     Imputations     =           5
Mean estimation                   Number of obs   =      13,807
                                  Average RVI     =      0.0067
                                  Largest FMI     =      0.0067
                                  Complete DF     =       13806
DF adjustment:   Small sample     DF:     min     =   11,917.86
                                          avg     =   11,917.86
Within VCE type:    Analytic              max     =   11,917.86
```

	Mean	Std. err.	[95% conf. interval]	
householdsize	2.643437	.0110289	2.621819	2.665056

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   13,807
                                       Average RVI   =   0.0001
                                       Largest FMI   =   0.0001
                                       Complete DF   =   13806
DF adjustment: **Small sample**   DF: min   = 13,801.20
                                               avg   = 13,801.20
Within VCE type: **Analytic**   max   = 13,801.20

	Mean	Std. err.	[95% conf. interval]	
townsend	-2.017461	.0227466	-2.062048	-1.972875

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   13,807
                                       Average RVI   =   0.0000
                                       Largest FMI   =   0.0000
                                       Complete DF   =   13806
DF adjustment: **Small sample**   DF: min   = 13,804.00
                                               avg   = 13,804.00
Within VCE type: **Analytic**   max   = 13,804.00

	Mean	Std. err.	[95% conf. interval]	
FA_mean	.5632867	.0001659	.5629614	.563612

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   13,807
                                       Average RVI   =   0.0000
                                       Largest FMI   =   0.0000
                                       Complete DF   =   13806
DF adjustment: **Small sample**   DF: min   = 13,804.00
                                               avg   = 13,804.00
Within VCE type: **Analytic**   max   = 13,804.00

	Mean	Std. err.	[95% conf. interval]	
MD_mean	.0007906	2.60e-07	.0007901	.0007911

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   13,807
                                       Average RVI   =   0.0000
                                       Largest FMI   =   0.0000
                                       Complete DF   =   13806
DF adjustment: **Small sample**   DF: min   = 13,804.00
                                               avg   = 13,804.00
Within VCE type: **Analytic**   max   = 13,804.00

	Mean	Std. err.	[95% conf. interval]	
ISOVF_mean	.0935053	.0001085	.0932927	.0937179

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs =   13,807
                                  Average RVI   =   0.0000
                                  Largest FMI   =   0.0000
                                  Complete DF   =   13806
DF adjustment: **Small sample** DF: min   = 13,804.00
                                         avg   = 13,804.00
Within VCE type: **Analytic**   max   = 13,804.00

	Mean	Std. err.	[95% conf. interval]	
ICVF_mean	.6127353	.0002283	.6122877	.6131829

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs =   13,807
                                  Average RVI   =   0.0000
                                  Largest FMI   =   0.0000
                                  Complete DF   =   13806
DF adjustment: **Small sample** DF: min   = 13,804.00
                                         avg   = 13,804.00
Within VCE type: **Analytic**   max   = 13,804.00

	Mean	Std. err.	[95% conf. interval]	
OD_mean	.1268165	.0000723	.1266747	.1269583

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs =   13,807
                                  Average RVI   =   0.0000
                                  Largest FMI   =   0.0000
                                  Complete DF   =   13806
DF adjustment: **Small sample** DF: min   = 13,804.00
                                         avg   = 13,804.00
Within VCE type: **Analytic**   max   = 13,804.00

	Mean	Std. err.	[95% conf. interval]	
infectionburden	1.180343	.0144102	1.152097	1.208589

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs =   13,807
                                  Average RVI   =   0.0000
                                  Largest FMI   =   0.0000
                                  Complete DF   =   13806
DF adjustment: **Small sample** DF: min   = 13,804.00
                                         avg   = 13,804.00
Within VCE type: **Analytic**   max   = 13,804.00

	Mean	Std. err.	[95% conf. interval]
infectionburdenhosp	.2040994	.0071021	.1901783	.2180205

Multiple-imputation estimates		Imputations	=	5
Mean estimation		Number of obs	=	13,807
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	13806
DF adjustment:	Small sample	DF: min	=	13,804.00
		avg	=	13,804.00
Within VCE type:	Analytic	max	=	13,804.00

	Mean	Std. err.	[95% conf. interval]
TOTALBRAIN	1156113	930.148	1154289	1157936

Multiple-imputation estimates		Imputations	=	5
Mean estimation		Number of obs	=	13,807
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	13806
DF adjustment:	Small sample	DF: min	=	13,804.00
		avg	=	13,804.00
Within VCE type:	Analytic	max	=	13,804.00

	Mean	Std. err.	[95% conf. interval]
ICV	1538859	1279.987	1536351	1541368

Multiple-imputation estimates		Imputations	=	5
Mean estimation		Number of obs	=	13,807
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	13806
DF adjustment:	Small sample	DF: min	=	13,804.00
		avg	=	13,804.00
Within VCE type:	Analytic	max	=	13,804.00

	Mean	Std. err.	[95% conf. interval]
WM	540396.7	512.6436	539391.9	541401.6

Multiple-imputation estimates		Imputations	=	5
Mean estimation		Number of obs	=	13,807
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	13806
DF adjustment:	Small sample	DF: min	=	13,804.00
		avg	=	13,804.00
Within VCE type:	Analytic	max	=	13,804.00

	Mean	Std. err.	[95% conf. interval]	
GM	615715.9	465.7702	614802.9	616628.9

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   13,807

Average RVI	=	0.0000
Largest FMI	=	0.0000
Complete DF	=	13806

DF adjustment: **Small sample**   DF: min   = 13,804.00
                                      avg   = 13,804.00
Within VCE type: **Analytic**   max   = 13,804.00

	Mean	Std. err.	[95% conf. interval]	
LnWMHpctICV	-1.806488	.0084663	-1.823083	-1.789893

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   13,807

Average RVI	=	0.0000
Largest FMI	=	0.0000
Complete DF	=	13806

DF adjustment: **Small sample**   DF: min   = 13,804.00
                                        avg   = 13,804.00
Within VCE type: **Analytic**   max   = 13,804.00

	Mean	Std. err.	[95% conf. interval]	
FRONTAL_GM_LEFT	76038.79	67.84952	75905.79	76171.78

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   13,807

Average RVI	=	0.0000
Largest FMI	=	0.0000
Complete DF	=	13806

DF adjustment: **Small sample**   DF: min   = 13,804.00
                                          avg   = 13,804.00
Within VCE type: **Analytic**   max   = 13,804.00

	Mean	Std. err.	[95% conf. interval]	
FRONTAL_GM_RIGHT	75697.88	67.48693	75565.59	75830.16

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   13,807

Average RVI	=	0.0000
Largest FMI	=	0.0000
Complete DF	=	13806

DF adjustment: **Small sample**   DF: min   = 13,804.00
                                          avg   = 13,804.00
Within VCE type: **Analytic**   max   = 13,804.00

	Mean	Std. err.	[95% conf. interval]	
Accumbens_Left	497.9205	1.01483	495.9313	499.9098

```
Multiple-imputation estimates        Imputations      =           5
Mean estimation                      Number of obs    =      13,807
                                     Average RVI      =      0.0000
                                     Largest FMI      =      0.0000
                                     Complete DF      =       13806
DF adjustment:   Small sample        DF:    min       =   13,804.00
                                            avg       =   13,804.00
Within VCE type:    Analytic                max       =   13,804.00
```

	Mean	Std. err.	[95% conf. interval]	
Accumbens_Right	394.1247	.9469765	392.2685	395.9809

```
Multiple-imputation estimates        Imputations      =           5
Mean estimation                      Number of obs    =      13,807
                                     Average RVI      =      0.0000
                                     Largest FMI      =      0.0000
                                     Complete DF      =       13806
DF adjustment:   Small sample        DF:    min       =   13,804.00
                                            avg       =   13,804.00
Within VCE type:    Analytic                max       =   13,804.00
```

	Mean	Std. err.	[95% conf. interval]	
Amygdala_Left	1253.108	2.069329	1249.052	1257.164

```
Multiple-imputation estimates        Imputations      =           5
Mean estimation                      Number of obs    =      13,807
                                     Average RVI      =      0.0000
                                     Largest FMI      =      0.0000
                                     Complete DF      =       13806
DF adjustment:   Small sample        DF:    min       =   13,804.00
                                            avg       =   13,804.00
Within VCE type:    Analytic                max       =   13,804.00
```

	Mean	Std. err.	[95% conf. interval]	
Amygdala_Right	1218.859	2.30405	1214.343	1223.375

```
Multiple-imputation estimates        Imputations      =           5
Mean estimation                      Number of obs    =      13,807
                                     Average RVI      =      0.0000
                                     Largest FMI      =      0.0000
                                     Complete DF      =       13806
DF adjustment:   Small sample        DF:    min       =   13,804.00
                                            avg       =   13,804.00
Within VCE type:    Analytic                max       =   13,804.00
```

	Mean	Std. err.	[95% conf. interval]	
Caudate_Left	3377.121	3.512165	3370.237	3384.005

Multiple-imputation estimates	Imputations	=	5
Mean estimation	Number of obs	=	13,807
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
	Complete DF	=	13806
DF adjustment: **Small sample**	DF: min	=	13,804.00
	avg	=	13,804.00
Within VCE type: **Analytic**	max	=	13,804.00

	Mean	Std. err.	[95% conf. interval]	
Caudate_Right	3558.818	3.711824	3551.543	3566.094

Multiple-imputation estimates	Imputations	=	5
Mean estimation	Number of obs	=	13,807
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
	Complete DF	=	13806
DF adjustment: **Small sample**	DF: min	=	13,804.00
	avg	=	13,804.00
Within VCE type: **Analytic**	max	=	13,804.00

	Mean	Std. err.	[95% conf. interval]	
Hippocampus_Left	3785.252	4.067193	3777.28	3793.224

Multiple-imputation estimates	Imputations	=	5
Mean estimation	Number of obs	=	13,807
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
	Complete DF	=	13806
DF adjustment: **Small sample**	DF: min	=	13,804.00
	avg	=	13,804.00
Within VCE type: **Analytic**	max	=	13,804.00

	Mean	Std. err.	[95% conf. interval]	
Hippocampus_Right	3892.679	4.15701	3884.531	3900.828

Multiple-imputation estimates	Imputations	=	5
Mean estimation	Number of obs	=	13,807
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
	Complete DF	=	13806
DF adjustment: **Small sample**	DF: min	=	13,804.00
	avg	=	13,804.00
Within VCE type: **Analytic**	max	=	13,804.00

	Mean	Std. err.	[95% conf. interval]
Pallidum_Left	1754.055	2.062192	1750.013 1758.097

Multiple-imputation estimates	Imputations	=	5
Mean estimation	Number of obs	=	13,807
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
	Complete DF	=	13806
DF adjustment: **Small sample**	DF: min	=	13,804.00
	avg	=	13,804.00
Within VCE type: **Analytic**	max	=	13,804.00

	Mean	Std. err.	[95% conf. interval]
Pallidum_Right	1802.297	2.080713	1798.219 1806.376

Multiple-imputation estimates	Imputations	=	5
Mean estimation	Number of obs	=	13,807
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
	Complete DF	=	13806
DF adjustment: **Small sample**	DF: min	=	13,804.00
	avg	=	13,804.00
Within VCE type: **Analytic**	max	=	13,804.00

	Mean	Std. err.	[95% conf. interval]
Putamen_Left	4762.166	4.963896	4752.436 4771.896

Multiple-imputation estimates	Imputations	=	5
Mean estimation	Number of obs	=	13,807
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
	Complete DF	=	13806
DF adjustment: **Small sample**	DF: min	=	13,804.00
	avg	=	13,804.00
Within VCE type: **Analytic**	max	=	13,804.00

	Mean	Std. err.	[95% conf. interval]
Putamen_Right	4811.757	4.873307	4802.205 4821.31

Multiple-imputation estimates	Imputations	=	5
Mean estimation	Number of obs	=	13,807
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
	Complete DF	=	13806
DF adjustment: **Small sample**	DF: min	=	13,804.00
	avg	=	13,804.00
Within VCE type: **Analytic**	max	=	13,804.00

	Mean	Std. err.	[95% conf. interval]	
Thalamus_Left	7762.194	6.495871	7749.461	7774.927

Multiple-imputation estimates		Imputations	=	5
Mean estimation		Number of obs	=	13,807
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	13806
DF adjustment:	Small sample	DF: min	=	13,804.00
		avg	=	13,804.00
Within VCE type:	Analytic	max	=	13,804.00

	Mean	Std. err.	[95% conf. interval]	
Thalamus_Right	7567.89	6.292488	7555.556	7580.224

Multiple-imputation estimates		Imputations	=	5
Mean estimation		Number of obs	=	13,807
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	13806
DF adjustment:	Small sample	DF: min	=	13,804.00
		avg	=	13,804.00
Within VCE type:	Analytic	max	=	13,804.00

	Mean	Std. err.	[95% conf. interval]	
AD_PGS	.0130358	.0083193	-.0032711	.0293428

Multiple-imputation estimates		Imputations	=	5
Mean estimation		Number of obs	=	13,807
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	13806
DF adjustment:	Small sample	DF: min	=	13,804.00
		avg	=	13,804.00
Within VCE type:	Analytic	max	=	13,804.00

	Mean	Std. err.	[95% conf. interval]	
LE8_TOTALSCORE	626.7739	.3795036	626.0301	627.5178

Multiple-imputation estimates		Imputations	=	5
Mean estimation		Number of obs	=	13,807
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	13806
DF adjustment:	Small sample	DF: min	=	13,804.00
		avg	=	13,804.00
Within VCE type:	Analytic	max	=	13,804.00

	Mean	Std. err.	[95% conf.	interval]
LE8_BIOLOGICAL	322.1325	.3998468	321.3487	322.9162

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   13,807
                                  Average RVI   =   0.0000
                                  Largest FMI   =   0.0000
                                  Complete DF   =   13806
DF adjustment: **Small sample**   DF: min   =   13,804.00
                                          avg   =   13,804.00
Within VCE type: **Analytic**   max   =   13,804.00

	Mean	Std. err.	[95% conf.	interval]
LE8_LIFESTYLE	305.6616	.3521956	304.9712	306.3519

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   13,807
                                  Average RVI   =   0.0000
                                  Largest FMI   =   0.0000
                                  Complete DF   =   13806
DF adjustment: **Small sample**   DF: min   =   13,804.00
                                          avg   =   13,804.00
Within VCE type: **Analytic**   max   =   13,804.00

	Mean	Std. err.	[95% conf.	interval]
TIME_V0V2	3325.863	5.343103	3315.39	3336.337

Multiple-imputation estimates   Imputations   =   5
Mean estimation   Number of obs   =   13,807
                                  Average RVI   =   0.0000
                                  Largest FMI   =   0.0000
                                  Complete DF   =   13806
DF adjustment: **Small sample**   DF: min   =   13,804.00
                                          avg   =   13,804.00
Within VCE type: **Analytic**   max   =   13,804.00

	Mean	Std. err.	[95% conf.	interval]
AD_PGS	.0130358	.0083193	-.0032711	.0293428

```
42 .
43 .
44 . ***************BY LE8 TERTILE**********************
45 .
46 .
47 . **Overall**
48 . foreach x1 of varlist SEX RACE_ETHN educationbr  householdincome  infectionburdentert infectionburdenhosptert A
    2.         mi estimate: mlogit `x1' i.LE8_TOTALSCOREtert if sample_final==1
    3. }
```

Multiple-imputation estimates   Imputations   =   5
Multinomial logistic regression   Number of obs   =   38,803
                                              Average RVI   =   0.0000
                                              Largest FMI   =   0.0000
DF adjustment: **Large sample**   DF: min   =   3.31e+59
                                                     avg   =   3.31e+59
                                                     max   =   .
Model F test: **Equal FMI**   F(2,   .) =   473.51
Within VCE type: **OIM**   Prob > F   =   0.0000

SEX	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
1						
LE8_TOTALSCOREtert						
2	-.2326734	.025388	-9.16	0.000	-.2824329	-.1829138
3	-.7581826	.0253622	-29.89	0.000	-.8078917	-.7084735
_cons	.2217409	.018226	12.17	0.000	.1860185	.2574632
2	(base outcome)					

Multiple-imputation estimates   Imputations   =   5
Multinomial logistic regression   Number of obs   =   38,803
                                              Average RVI   =   0.0000
                                              Largest FMI   =   0.0000
DF adjustment: **Large sample**   DF: min   =   .
                                                     avg   =   .
                                                     max   =   .
Model F test: **Equal FMI**   F(6,   .) =   4.31
Within VCE type: **OIM**   Prob > F   =   0.0002

RACE_ETHN	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
0	(base outcome)					
1						
LE8_TOTALSCOREtert						
2	-.0825465	.1453034	-0.57	0.570	-.3673359	.2022429
3	-.8118802	.175718	-4.62	0.000	-1.156281	-.4674792
_cons	-4.79953	.1019516	-47.08	0.000	-4.999351	-4.599708
2						
LE8_TOTALSCOREtert						
2	.0113926	.1257212	0.09	0.928	-.2350163	.2578015
3	-.0740747	.125927	-0.59	0.556	-.320887	.1727375
_cons	-4.553962	.090274	-50.45	0.000	-4.730896	-4.377028
3						

LE8_TOTALSCOREtert						
2	-.0890727	.1049264	-0.85	0.396	-.2947246	.1165792
3	.0462136	.0997142	0.46	0.643	-.1492227	.2416499
_cons	-4.137801	.0735121	-56.29	0.000	-4.281882	-3.99372

Multiple-imputation estimates   Imputations   =   5
Multinomial logistic regression   Number of obs   =   38,803
                                       Average RVI   =   0.0927
                                       Largest FMI   =   0.1680
DF adjustment: **Large sample**   DF: min   =   160.78
                                               avg   =   408.44
                                               max   =   870.72
Model F test: **Equal FMI**   F(4, 1374.4) =   88.72
Within VCE type: **OIM**   Prob > F   =   0.0000

educationbr	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
0						
LE8_TOTALSCOREtert						
2	-.3240562	.0372643	-8.70	0.000	-.3972206	-.2508919
3	-.6249045	.0386264	-16.18	0.000	-.7008925	-.5489164
_cons	-.8336899	.0272916	-30.55	0.000	-.8875862	-.7797936
1						
LE8_TOTALSCOREtert						
2	-.2396301	.0303647	-7.89	0.000	-.2995248	-.1797354
3	-.4023104	.0285775	-14.08	0.000	-.4583993	-.3462215
_cons	-.1259831	.0216954	-5.81	0.000	-.1687535	-.0832126
2	(base outcome)					

Multiple-imputation estimates   Imputations   =   5
Multinomial logistic regression   Number of obs   =   38,803
                                       Average RVI   =   0.0729
                                       Largest FMI   =   0.1212
DF adjustment: **Large sample**   DF: min   =   300.46
                                               avg   = 15,967.50
                                               max   = 175,778.95
Model F test: **Equal FMI**   F(8, 5048.4) =   24.08
Within VCE type: **OIM**   Prob > F   =   0.0000

householdincome	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
1						
LE8_TOTALSCOREtert						
2	-.1794087	.0434974	-4.12	0.000	-.2646936	-.0941238
3	-.2371273	.0436525	-5.43	0.000	-.3227647	-.1514898
_cons	-.8158301	.0298906	-27.29	0.000	-.8744478	-.7572124
2						
LE8_TOTALSCOREtert						
2	.0391267	.0370559	1.06	0.292	-.033756	.1120094
3	-.0297429	.0369482	-0.80	0.421	-.1024529	.0429671
_cons	-.3107089	.0257045	-12.09	0.000	-.3611473	-.2602705

3	(base outcome)					
4 LE8_TOTALSCOREtert						
2	.1690249	.0334615	5.05	0.000	.1034412	.2346086
3	.2020016	.0344792	5.86	0.000	.1342196	.2697837
_cons	-.1994591	.0248904	-8.01	0.000	-.2482973	-.150621
5 LE8_TOTALSCOREtert						
2	.2332343	.0550326	4.24	0.000	.1252716	.3411971
3	.4364912	.0517994	8.43	0.000	.3349338	.5380486
_cons	-1.604202	.0410019	-39.13	0.000	-1.684678	-1.523725

Multiple-imputation estimates   Imputations   =   5
Multinomial logistic regression   Number of obs   =   38,803
                                    Average RVI   =   0.0000
                                    Largest FMI   =   0.0000
DF adjustment: **Large sample**   DF: min   =   .
                                           avg   =   .
                                           max   =   .
Model F test: **Equal FMI**   F(4,   .)   =   2.00
Within VCE type: **OIM**   Prob > F   =   0.0914

infectionburdent~t	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
1	(base outcome)					
2 LE8_TOTALSCOREtert						
2	.0623716	.034458	1.81	0.070	-.0051649	.129908
3	.0098931	.0341264	0.29	0.772	-.0569934	.0767797
_cons	-1.097074	.0248041	-44.23	0.000	-1.145689	-1.048458
3 LE8_TOTALSCOREtert						
2	.0400526	.0292007	1.37	0.170	-.0171797	.0972848
3	.0575028	.0285778	2.01	0.044	.0014914	.1135143
_cons	-.6101475	.0209149	-29.17	0.000	-.6511401	-.569155

Multiple-imputation estimates   Imputations   =   5
Multinomial logistic regression   Number of obs   =   38,803
                                    Average RVI   =   0.0000
                                    Largest FMI   =   0.0000
DF adjustment: **Large sample**   DF: min   =   8.88e+60
                                           avg   =   8.88e+60
                                           max   =   .
Model F test: **Equal FMI**   F(2, 1.2e+61) =   34.19
Within VCE type: **OIM**   Prob > F   =   0.0000

infectionburdenh~t	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
1	(base outcome)					
3						
LE8_TOTALSCOREtert						
2	-.230852	.0414921	-5.56	0.000	-.312175	-.149529
3	-.3328856	.0415862	-8.00	0.000	-.4143931	-.2513781
_cons	-2.036511	.0283456	-71.85	0.000	-2.092067	-1.980955

```
Multiple-imputation estimates              Imputations     =           5
Multinomial logistic regression            Number of obs   =      38,803
                                           Average RVI     =      0.0000
                                           Largest FMI     =      0.0000
DF adjustment:   Large sample              DF:     min     =    2.86e+63
                                                   avg     =    7.09e+63
                                                   max     =           .
Model F test:         Equal FMI            F(   4, 1.3e+65) =       4.27
Within VCE type:           OIM             Prob > F        =      0.0019
```

AD_PGStert	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
1						
LE8_TOTALSCOREtert						
2	.0295486	.0309887	0.95	0.340	-.0311881	.0902853
3	.1171346	.030478	3.84	0.000	.0573988	.1768705
_cons	-.0745288	.0222267	-3.35	0.001	-.1180923	-.0309653
2						
LE8_TOTALSCOREtert						
2	-.0086406	.0307812	-0.28	0.779	-.0689706	.0516895
3	.0520861	.0303648	1.72	0.086	-.0074278	.1115999
_cons	-.0296872	.0219725	-1.35	0.177	-.0727525	.0133781
3	(base outcome)					

```
49 .
50 .
51 .
52 . foreach x2 of varlist AGE householdsize townsend FA_mean MD_mean ISOVF_mean ICVF_mean OD_mean infectionburden i
   > _Left Accumbens_Right Amygdala_Left Amygdala_Right Caudate_Left Caudate_Right Hippocampus_Left Hippocampus_Righ
   > E8_TOTALSCORE LE8_BIOLOGICAL LE8_LIFESTYLE TIME_V0V2 AD_PGS {
   2.          mi estimate: reg `x2' i.LE8_TOTALSCOREtert if sample_final==1
   3. }
```

```
Multiple-imputation estimates              Imputations     =           5
Linear regression                          Number of obs   =      38,803
                                           Average RVI     =      0.0000
                                           Largest FMI     =      0.0000
                                           Complete DF     =      38800
DF adjustment:   Small sample              DF:     min     =   38,798.00
                                                   avg     =   38,798.00
                                                   max     =   38,798.00
Model F test:         Equal FMI            F(   2,38798.0)  =     283.43
Within VCE type:           OLS             Prob > F        =      0.0000
```

AGE	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	-.3255047	.0943789	-3.45	0.001	-.5104897	-.1405197
3	-2.029829	.0926954	-21.90	0.000	-2.211514	-1.848144
_cons	56.30896	.0675533	833.55	0.000	56.17656	56.44137

Multiple-imputation estimates		Imputations	=	5
Linear regression		Number of obs	=	38,803
		Average RVI	=	0.0033
		Largest FMI	=	0.0032
		Complete DF	=	38800
DF adjustment: **Small sample**		DF: min	=	35,261.86
		avg	=	36,952.84
		max	=	38,266.50
Model F test: **Equal FMI**		F(2,34425.1)	=	78.90
Within VCE type: **OLS**		Prob > F	=	0.0000

householdsize	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	.0908352	.0154219	5.89	0.000	.0606079	.1210624
3	.1900682	.0151621	12.54	0.000	.1603501	.2197864
_cons	2.453369	.011043	222.17	0.000	2.431725	2.475014

Multiple-imputation estimates		Imputations	=	5
Linear regression		Number of obs	=	38,803
		Average RVI	=	0.0003
		Largest FMI	=	0.0006
		Complete DF	=	38800
DF adjustment: **Small sample**		DF: min	=	38,656.26
		avg	=	38,712.22
		max	=	38,750.08
Model F test: **Equal FMI**		F(2,38713.5)	=	64.32
Within VCE type: **OLS**		Prob > F	=	0.0000

townsend	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	-.3012945	.034481	-8.74	0.000	-.3688782	-.2337108
3	-.363237	.0338616	-10.73	0.000	-.4296067	-.2968673
_cons	-1.654224	.024678	-67.03	0.000	-1.702594	-1.605855

Multiple-imputation estimates		Imputations	=	5
Linear regression		Number of obs	=	38,803
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	38800
DF adjustment: **Small sample**		DF: min	=	38,798.00
		avg	=	38,798.00
		max	=	38,798.00
Model F test: **Equal FMI**		F(2,38798.0)	=	151.51
Within VCE type: **OLS**		Prob > F	=	0.0000

FA_mean	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	.0021422	.0002563	8.36	0.000	.0016398	.0026447
3	.0043776	.0002518	17.39	0.000	.0038841	.0048711
_cons	.5589091	.0001835	3046.14	0.000	.5585495	.5592687

```
Multiple-imputation estimates            Imputations       =           5
Linear regression                        Number of obs     =      38,803
                                         Average RVI       =      0.0000
                                         Largest FMI       =      0.0000
                                         Complete DF       =       38800
DF adjustment:    Small sample           DF:      min      =   38,798.00
                                                  avg      =   38,798.00
                                                  max      =   38,798.00
Model F test:     Equal FMI              F(   2,38798.0)   =       79.73
Within VCE type:        OLS              Prob > F          =      0.0000
```

MD_mean	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	-1.41e-06	4.07e-07	-3.46	0.001	-2.21e-06	-6.12e-07
3	-4.87e-06	4.00e-07	-12.17	0.000	-5.65e-06	-4.08e-06
_cons	.0007955	2.91e-07	2729.91	0.000	.0007949	.0007961

```
Multiple-imputation estimates            Imputations       =           5
Linear regression                        Number of obs     =      38,803
                                         Average RVI       =      0.0000
                                         Largest FMI       =      0.0000
                                         Complete DF       =       38800
DF adjustment:    Small sample           DF:      min      =   38,798.00
                                                  avg      =   38,798.00
                                                  max      =   38,798.00
Model F test:     Equal FMI              F(   2,38798.0)   =      115.78
Within VCE type:        OLS              Prob > F          =      0.0000
```

ISOVF_mean	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	-.0006033	.0001658	-3.64	0.000	-.0009283	-.0002784
3	-.0023618	.0001628	-14.50	0.000	-.002681	-.0020426
_cons	.0958671	.0001187	807.86	0.000	.0956345	.0960997

```
Multiple-imputation estimates            Imputations       =           5
Linear regression                        Number of obs     =      38,803
                                         Average RVI       =      0.0000
                                         Largest FMI       =      0.0000
                                         Complete DF       =       38800
DF adjustment:    Small sample           DF:      min      =   38,798.00
                                                  avg      =   38,798.00
                                                  max      =   38,798.00
Model F test:     Equal FMI              F(   2,38798.0)   =       13.46
Within VCE type:        OLS              Prob > F          =      0.0000
```

ICVF_mean	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	.0005285	.0003512	1.50	0.132	-.0001599	.0012169
3	.0017323	.0003449	5.02	0.000	.0010562	.0024083
_cons	.611003	.0002514	2430.60	0.000	.6105103	.6114957

```
Multiple-imputation estimates              Imputations      =          5
Linear regression                          Number of obs    =     38,803
                                           Average RVI      =     0.0000
                                           Largest FMI      =     0.0000
                                           Complete DF      =      38800
DF adjustment:   Small sample              DF:     min      = 38,798.00
                                                   avg      = 38,798.00
                                                   max      = 38,798.00
Model F test:       Equal FMI              F(   2,38798.0)  =     137.58
Within VCE type:         OLS               Prob > F         =     0.0000
```

OD_mean	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	-.00102	.0001066	-9.57	0.000	-.001229	-.000811
3	-.0017334	.0001047	-16.55	0.000	-.0019386	-.0015281
_cons	.1285499	.0000763	1684.38	0.000	.1284003	.1286995

```
Multiple-imputation estimates              Imputations      =          5
Linear regression                          Number of obs    =     38,803
                                           Average RVI      =     0.0000
                                           Largest FMI      =     0.0000
                                           Complete DF      =      38800
DF adjustment:   Small sample              DF:     min      = 38,798.00
                                                   avg      = 38,798.00
                                                   max      = 38,798.00
Model F test:       Equal FMI              F(   2,38798.0)  =       1.28
Within VCE type:         OLS               Prob > F         =     0.2778
```

infectionburden	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	.0338301	.0215931	1.57	0.117	-.0084928	.0761531
3	.0232473	.0212079	1.10	0.273	-.0183207	.0648153
_cons	1.157096	.0154556	74.87	0.000	1.126803	1.187389

```
Multiple-imputation estimates              Imputations      =          5
Linear regression                          Number of obs    =     38,803
                                           Average RVI      =     0.0000
                                           Largest FMI      =     0.0000
                                           Complete DF      =      38800
DF adjustment:   Small sample              DF:     min      = 38,798.00
                                                   avg      = 38,798.00
                                                   max      = 38,798.00
Model F test:       Equal FMI              F(   2,38798.0)  =      23.24
Within VCE type:         OLS               Prob > F         =     0.0000
```

infectionburdenh~p	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	-.056142	.0113549	-4.94	0.000	-.0783978	-.0338861
3	-.0734232	.0111523	-6.58	0.000	-.0952821	-.0515643
_cons	.2775226	.0081274	34.15	0.000	.2615926	.2934526

```
Multiple-imputation estimates              Imputations      =          5
Linear regression                          Number of obs    =     38,803
                                           Average RVI      =     0.0000
                                           Largest FMI      =     0.0000
                                           Complete DF      =      38800
DF adjustment:   Small sample              DF:     min      =  38,798.00
                                                   avg      =  38,798.00
                                                   max      =  38,798.00
Model F test:    Equal FMI                 F(  2,38798.0)   =      10.28
Within VCE type:        OLS                Prob > F         =     0.0000
```

TOTALBRAIN	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	1961.905	1409.022	1.39	0.164	-799.8141	4723.624
3	-4088.768	1383.889	-2.95	0.003	-6801.225	-1376.31
_cons	1160201	1008.531	1150.39	0.000	1158225	1162178

```
Multiple-imputation estimates              Imputations      =          5
Linear regression                          Number of obs    =     38,803
                                           Average RVI      =     0.0000
                                           Largest FMI      =     0.0000
                                           Complete DF      =      38800
DF adjustment:   Small sample              DF:     min      =  38,798.00
                                                   avg      =  38,798.00
                                                   max      =  38,798.00
Model F test:    Equal FMI                 F(  2,38798.0)   =      43.49
Within VCE type:        OLS                Prob > F         =     0.0000
```

ICV	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	-1655.526	1942.301	-0.85	0.394	-5462.484	2151.433
3	-15963.17	1907.655	-8.37	0.000	-19702.22	-12224.12
_cons	1554823	1390.234	1118.39	0.000	1552098	1557548

```
Multiple-imputation estimates              Imputations      =          5
Linear regression                          Number of obs    =     38,803
                                           Average RVI      =     0.0000
                                           Largest FMI      =     0.0000
                                           Complete DF      =      38800
DF adjustment:   Small sample              DF:     min      =  38,798.00
                                                   avg      =  38,798.00
                                                   max      =  38,798.00
Model F test:    Equal FMI                 F(  2,38798.0)   =      62.30
Within VCE type:        OLS                Prob > F         =     0.0000
```

WM	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	-1896.247	777.0444	-2.44	0.015	-3419.273	-373.2202
3	-8063.927	763.184	-10.57	0.000	-9559.787	-6568.068
_cons	548460.6	556.1825	986.12	0.000	547370.5	549550.8

Multiple-imputation estimates		Imputations	=	5
Linear regression		Number of obs	=	38,803
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	38800
DF adjustment: **Small sample**		DF: min	=	38,798.00
		avg	=	38,798.00
		max	=	38,798.00
Model F test: **Equal FMI**		F(2,38798.0)	=	20.68
Within VCE type: **OLS**		Prob > F	=	0.0000

GM	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	3858.16	705.2289	5.47	0.000	2475.894	5240.427
3	3975.181	692.6495	5.74	0.000	2617.57	5332.791
_cons	611740.7	504.7794	1211.90	0.000	610751.3	612730.1

Multiple-imputation estimates		Imputations	=	5
Linear regression		Number of obs	=	38,803
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	38800
DF adjustment: **Small sample**		DF: min	=	38,798.00
		avg	=	38,798.00
		max	=	38,798.00
Model F test: **Equal FMI**		F(2,38798.0)	=	412.97
Within VCE type: **OLS**		Prob > F	=	0.0000

LnWMHpctICV	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	-.1438948	.0124843	-11.53	0.000	-.1683643	-.1194253
3	-.3491319	.0122616	-28.47	0.000	-.3731649	-.3250989
_cons	-1.457356	.0089358	-163.09	0.000	-1.474871	-1.439842

Multiple-imputation estimates		Imputations	=	5
Linear regression		Number of obs	=	38,803
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	38800
DF adjustment: **Small sample**		DF: min	=	38,798.00
		avg	=	38,798.00
		max	=	38,798.00
Model F test: **Equal FMI**		F(2,38798.0)	=	10.59
Within VCE type: **OLS**		Prob > F	=	0.0000

FRONTAL_GM_LEFT	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	359.2299	101.4607	3.54	0.000	160.3644	558.0954
3	434.1446	99.65091	4.36	0.000	238.8263	629.4629
_cons	75604.64	72.62219	1041.07	0.000	75462.3	75746.99

```
Multiple-imputation estimates              Imputations     =         5
Linear regression                          Number of obs   =    38,803
                                           Average RVI     =    0.0000
                                           Largest FMI     =    0.0000
                                           Complete DF     =     38800
DF adjustment:   Small sample              DF:     min     = 38,798.00
                                                   avg     = 38,798.00
                                                   max     = 38,798.00
Model F test:       Equal FMI              F(  2,38798.0)  =     11.21
Within VCE type:         OLS               Prob > F        =    0.0000
```

FRONTAL_GM_RIGHT	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	377.2355	100.7922	3.74	0.000	179.6802	574.7908
3	438.0869	98.99438	4.43	0.000	244.0554	632.1184
_cons	75259.79	72.14373	1043.19	0.000	75118.39	75401.19

```
Multiple-imputation estimates              Imputations     =         5
Linear regression                          Number of obs   =    38,803
                                           Average RVI     =    0.0000
                                           Largest FMI     =    0.0000
                                           Complete DF     =     38800
DF adjustment:   Small sample              DF:     min     = 38,798.00
                                                   avg     = 38,798.00
                                                   max     = 38,798.00
Model F test:       Equal FMI              F(  2,38798.0)  =     45.13
Within VCE type:         OLS               Prob > F        =    0.0000
```

Accumbens_Left	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	8.276364	1.531721	5.40	0.000	5.274153	11.27858
3	14.26977	1.504399	9.49	0.000	11.32111	17.21843
_cons	483.6508	1.096355	441.14	0.000	481.5019	485.7997

```
Multiple-imputation estimates              Imputations     =         5
Linear regression                          Number of obs   =    38,803
                                           Average RVI     =    0.0000
                                           Largest FMI     =    0.0000
                                           Complete DF     =     38800
DF adjustment:   Small sample              DF:     min     = 38,798.00
                                                   avg     = 38,798.00
                                                   max     = 38,798.00
Model F test:       Equal FMI              F(  2,38798.0)  =     74.45
Within VCE type:         OLS               Prob > F        =    0.0000
```

Accumbens_Right	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	6.058607	1.410596	4.30	0.000	3.293803	8.823411
3	16.60446	1.385435	11.99	0.000	13.88897	19.31994
_cons	377.5203	1.009658	373.91	0.000	375.5413	379.4992

```
Multiple-imputation estimates              Imputations      =          5
Linear regression                          Number of obs    =     38,803
                                           Average RVI      =     0.0000
                                           Largest FMI      =     0.0000
                                           Complete DF      =      38800
DF adjustment:   Small sample              DF:    min       = 38,798.00
                                                  avg       = 38,798.00
                                                  max       = 38,798.00
Model F test:       Equal FMI              F(  2,38798.0)   =      15.09
Within VCE type:         OLS               Prob > F         =     0.0000
```

Amygdala_Left	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	-3.820431	3.128211	-1.22	0.222	-9.951803	2.310941
3	-15.99846	3.072412	-5.21	0.000	-22.02047	-9.976458
_cons	1269.106	2.239069	566.80	0.000	1264.718	1273.495

```
Multiple-imputation estimates              Imputations      =          5
Linear regression                          Number of obs    =     38,803
                                           Average RVI      =     0.0000
                                           Largest FMI      =     0.0000
                                           Complete DF      =      38800
DF adjustment:   Small sample              DF:    min       = 38,798.00
                                                  avg       = 38,798.00
                                                  max       = 38,798.00
Model F test:       Equal FMI              F(  2,38798.0)   =       8.57
Within VCE type:         OLS               Prob > F         =     0.0002
```

Amygdala_Right	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	.6922661	3.463677	0.20	0.842	-6.096628	7.48116
3	-11.64703	3.401894	-3.42	0.001	-18.31483	-4.979234
_cons	1230.506	2.479185	496.34	0.000	1225.647	1235.365

```
Multiple-imputation estimates              Imputations      =          5
Linear regression                          Number of obs    =     38,803
                                           Average RVI      =     0.0000
                                           Largest FMI      =     0.0000
                                           Complete DF      =      38800
DF adjustment:   Small sample              DF:    min       = 38,798.00
                                                  avg       = 38,798.00
                                                  max       = 38,798.00
Model F test:       Equal FMI              F(  2,38798.0)   =       4.44
Within VCE type:         OLS               Prob > F         =     0.0118
```

Caudate_Left	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	15.89876	5.357343	2.97	0.003	5.398238	26.39929
3	9.316615	5.261782	1.77	0.077	-.9966106	19.62984
_cons	3367.804	3.834608	878.27	0.000	3360.288	3375.32

```
Multiple-imputation estimates               Imputations       =           5
Linear regression                           Number of obs     =      38,803
                                            Average RVI       =      0.0000
                                            Largest FMI       =      0.0000
                                            Complete DF       =       38800
DF adjustment:   Small sample               DF:     min       =   38,798.00
                                                    avg       =   38,798.00
                                                    max       =   38,798.00
Model F test:        Equal FMI              F(   2,38798.0)   =        2.99
Within VCE type:          OLS               Prob > F          =      0.0503
```

Caudate_Right	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	13.74176	5.641323	2.44	0.015	2.684626	24.7989
3	6.017952	5.540698	1.09	0.277	-4.841954	16.87786
_cons	3552.8	4.037871	879.87	0.000	3544.886	3560.715

```
Multiple-imputation estimates               Imputations       =           5
Linear regression                           Number of obs     =      38,803
                                            Average RVI       =      0.0000
                                            Largest FMI       =      0.0000
                                            Complete DF       =       38800
DF adjustment:   Small sample               DF:     min       =   38,798.00
                                                    avg       =   38,798.00
                                                    max       =   38,798.00
Model F test:        Equal FMI              F(   2,38798.0)   =       10.00
Within VCE type:          OLS               Prob > F          =      0.0000
```

Hippocampus_Left	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	9.569645	6.12614	1.56	0.118	-2.437743	21.57703
3	26.40923	6.016866	4.39	0.000	14.61603	38.20244
_cons	3758.843	4.384887	857.23	0.000	3750.248	3767.437

```
Multiple-imputation estimates               Imputations       =           5
Linear regression                           Number of obs     =      38,803
                                            Average RVI       =      0.0000
                                            Largest FMI       =      0.0000
                                            Complete DF       =       38800
DF adjustment:   Small sample               DF:     min       =   38,798.00
                                                    avg       =   38,798.00
                                                    max       =   38,798.00
Model F test:        Equal FMI              F(   2,38798.0)   =        7.18
Within VCE type:          OLS               Prob > F          =      0.0008
```

Hippocampus_Right	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	21.10088	6.283288	3.36	0.001	8.785476	33.41628
3	20.04605	6.171211	3.25	0.001	7.950322	32.14178
_cons	3872.633	4.497368	861.09	0.000	3863.818	3881.448

```
Multiple-imputation estimates              Imputations       =           5
Linear regression                          Number of obs     =      38,803
                                           Average RVI       =      0.0000
                                           Largest FMI       =      0.0000
                                           Complete DF       =       38800
DF adjustment:   Small sample              DF:     min       =   38,798.00
                                                   avg       =   38,798.00
                                                   max       =   38,798.00
Model F test:        Equal FMI             F(   2,38798.0)   =        6.37
Within VCE type:          OLS              Prob > F          =      0.0017
```

Pallidum_Left	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	11.1109	3.115492	3.57	0.000	5.004451	17.21734
3	5.996438	3.059921	1.96	0.050	-.0010832	11.99396
_cons	1748.058	2.229966	783.89	0.000	1743.687	1752.429

```
Multiple-imputation estimates              Imputations       =           5
Linear regression                          Number of obs     =      38,803
                                           Average RVI       =      0.0000
                                           Largest FMI       =      0.0000
                                           Complete DF       =       38800
DF adjustment:   Small sample              DF:     min       =   38,798.00
                                                   avg       =   38,798.00
                                                   max       =   38,798.00
Model F test:        Equal FMI             F(   2,38798.0)   =       15.43
Within VCE type:          OLS              Prob > F          =      0.0000
```

Pallidum_Right	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	15.33318	3.129622	4.90	0.000	9.199045	21.46732
3	14.72724	3.073798	4.79	0.000	8.702515	20.75196
_cons	1787.57	2.240079	797.99	0.000	1783.18	1791.961

```
Multiple-imputation estimates              Imputations       =           5
Linear regression                          Number of obs     =      38,803
                                           Average RVI       =      0.0000
                                           Largest FMI       =      0.0000
                                           Complete DF       =       38800
DF adjustment:   Small sample              DF:     min       =   38,798.00
                                                   avg       =   38,798.00
                                                   max       =   38,798.00
Model F test:        Equal FMI             F(   2,38798.0)   =        3.86
Within VCE type:          OLS              Prob > F          =      0.0210
```

Putamen_Left	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	19.00667	7.69749	2.47	0.014	3.9194	34.09395
3	17.9769	7.560188	2.38	0.017	3.158745	32.79506
_cons	4744.189	5.509607	861.08	0.000	4733.39	4754.988

```
Multiple-imputation estimates              Imputations     =         5
Linear regression                          Number of obs   =    38,803
                                           Average RVI     =    0.0000
                                           Largest FMI     =    0.0000
                                           Complete DF     =     38800
DF adjustment:    Small sample             DF:     min     = 38,798.00
                                                   avg     = 38,798.00
                                                   max     = 38,798.00
Model F test:     Equal FMI                F(   2,38798.0) =      1.35
Within VCE type:        OLS                Prob > F        =    0.2604
```

Putamen_Right	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	11.82197	7.552078	1.57	0.117	-2.980296	26.62423
3	2.950797	7.41737	0.40	0.691	-11.58743	17.48903
_cons	4808.807	5.405526	889.61	0.000	4798.212	4819.402

```
Multiple-imputation estimates              Imputations     =         5
Linear regression                          Number of obs   =    38,803
                                           Average RVI     =    0.0000
                                           Largest FMI     =    0.0000
                                           Complete DF     =     38800
DF adjustment:    Small sample             DF:     min     = 38,798.00
                                                   avg     = 38,798.00
                                                   max     = 38,798.00
Model F test:     Equal FMI                F(   2,38798.0) =     16.99
Within VCE type:        OLS                Prob > F        =    0.0000
```

Thalamus_Left	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	39.0257	9.711497	4.02	0.000	19.99092	58.06048
3	54.36138	9.53827	5.70	0.000	35.66613	73.05663
_cons	7707.833	6.951166	1108.85	0.000	7694.208	7721.457

```
Multiple-imputation estimates              Imputations     =         5
Linear regression                          Number of obs   =    38,803
                                           Average RVI     =    0.0000
                                           Largest FMI     =    0.0000
                                           Complete DF     =     38800
DF adjustment:    Small sample             DF:     min     = 38,798.00
                                                   avg     = 38,798.00
                                                   max     = 38,798.00
Model F test:     Equal FMI                F(   2,38798.0) =     16.85
Within VCE type:        OLS                Prob > F        =    0.0000
```

Thalamus_Right	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	41.35569	9.406191	4.40	0.000	22.91932	59.79207
3	51.06409	9.23841	5.53	0.000	32.95658	69.17161
_cons	7516.826	6.732638	1116.48	0.000	7503.63	7530.022

```
Multiple-imputation estimates              Imputations      =          5
Linear regression                          Number of obs    =     38,803
                                           Average RVI      =     0.0000
                                           Largest FMI      =     0.0000
                                           Complete DF      =      38800
DF adjustment:   Small sample              DF:     min      =  38,798.00
                                                   avg      =  38,798.00
                                                   max      =  38,798.00
Model F test:        Equal FMI             F(   2,38798.0)  =       8.60
Within VCE type:          OLS              Prob > F         =     0.0002
```

AD_PGS	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	-.0206089	.0124846	-1.65	0.099	-.0450791	.0038613
3	-.0503649	.012262	-4.11	0.000	-.0743986	-.0263311
_cons	.0634007	.0089361	7.09	0.000	.0458857	.0809157

```
Multiple-imputation estimates              Imputations      =          5
Linear regression                          Number of obs    =     38,803
                                           Average RVI      =     0.0000
                                           Largest FMI      =     0.0000
                                           Complete DF      =      38800
DF adjustment:   Small sample              DF:     min      =  38,798.00
                                                   avg      =  38,798.00
                                                   max      =  38,798.00
Model F test:        Equal FMI             F(   2,38798.0)  =   77262.29
Within VCE type:          OLS              Prob > F         =     0.0000
```

LE8_TOTALSCORE	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	103.07	.5240541	196.68	0.000	102.0429	104.0972
3	202.267	.5147064	392.98	0.000	201.2582	203.2758
_cons	424.5069	.3751005	1131.72	0.000	423.7717	425.2421

```
Multiple-imputation estimates              Imputations      =          5
Linear regression                          Number of obs    =     38,803
                                           Average RVI      =     0.0000
                                           Largest FMI      =     0.0000
                                           Complete DF      =      38800
DF adjustment:   Small sample              DF:     min      =  38,798.00
                                                   avg      =  38,798.00
                                                   max      =  38,798.00
Model F test:        Equal FMI             F(   2,38798.0)  =   17645.46
Within VCE type:          OLS              Prob > F         =     0.0000
```

LE8_BIOLOGICAL	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	53.86929	.6069242	88.76	0.000	52.6797	55.05888
3	111.8026	.5960984	187.56	0.000	110.6342	112.9709
_cons	210.3299	.4344162	484.17	0.000	209.4784	211.1814

Multiple-imputation estimates		Imputations	=	5
Linear regression		Number of obs	=	38,803
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	38800
DF adjustment: **Small sample**		DF: min	=	38,798.00
		avg	=	38,798.00
		max	=	38,798.00
Model F test: **Equal FMI**		F(2,38798.0)	=	13969.49
Within VCE type: **OLS**		Prob > F	=	0.0000

LE8_LIFESTYLE	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	49.68681	.5577385	89.09	0.000	48.59363	50.78
3	91.55471	.54779	167.13	0.000	90.48103	92.62839
_cons	214.1068	.3992107	536.33	0.000	213.3244	214.8893

Multiple-imputation estimates		Imputations	=	5
Linear regression		Number of obs	=	38,803
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	38800
DF adjustment: **Small sample**		DF: min	=	38,798.00
		avg	=	38,798.00
		max	=	38,798.00
Model F test: **Equal FMI**		F(2,38798.0)	=	47.40
Within VCE type: **OLS**		Prob > F	=	0.0000

TIME_V0V2	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	40.63001	8.011064	5.07	0.000	24.92812	56.3319
3	76.60516	7.868169	9.74	0.000	61.18335	92.02697
_cons	3249.258	5.734053	566.66	0.000	3238.019	3260.497

Multiple-imputation estimates		Imputations	=	5
Linear regression		Number of obs	=	38,803
		Average RVI	=	0.0000
		Largest FMI	=	0.0000
		Complete DF	=	38800
DF adjustment: **Small sample**		DF: min	=	38,798.00
		avg	=	38,798.00
		max	=	38,798.00
Model F test: **Equal FMI**		F(2,38798.0)	=	8.60
Within VCE type: **OLS**		Prob > F	=	0.0002

AD_PGS	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
LE8_TOTALSCOREtert						
2	-.0206089	.0124846	-1.65	0.099	-.0450791	.0038613
3	-.0503649	.012262	-4.11	0.000	-.0743986	-.0263311
_cons	.0634007	.0089361	7.09	0.000	.0458857	.0809157

53 .
54 .
55 .
56 . save, replace
   file **finaldata_imputedFINAL.dta** saved

57 .
58 .
59 . capture log close