```
 1 .
 2 .
 3 .
 4 .
 5 . ********************************************TABLE 1: VARIABLES BY SEX*****************************
 6 .
 7 .
 8 . use HANDLS_paper51_NFLBRAINSCANFINALIZED,clear

 9 . sort HNDID

10 . capture drop _merge

11 . save, replace
file HANDLS_paper51_NFLBRAINSCANFINALIZED.dta saved

12 .
13 . **Overall**
14 .
15 . tab Sex if sample_final==1
```

| Sex | Freq. | Percent | Cum. |
|---|---|---|---|
| Women | **99** | **55.31** | **55.31** |
| Men | **80** | **44.69** | **100.00** |
| Total | **179** | **100.00** | |

```
16 . su w1Age if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| w1Age | **179** | **47.75251** | **9.10584** | **30.2** | **64.9** |

```
17 . tab w1Agebr if sample_final==1
```

| w1Agebr | Freq. | Percent | Cum. |
|---|---|---|---|
| 0 | **106** | **59.22** | **59.22** |
| 1 | **73** | **40.78** | **100.00** |
| Total | **179** | **100.00** | |

```
18 . tab Race if sample_final==1
```

| Race | Freq. | Percent | Cum. |
|---|---|---|---|
| White | **105** | **58.66** | **58.66** |
| AfrAm | **74** | **41.34** | **100.00** |
| Total | **179** | **100.00** | |

```
19 . tab PovStat if sample_final==1
```

| Poverty status | Freq. | Percent | Cum. |
|---|---|---|---|
| Above | **123** | **68.72** | **68.72** |
| Below | **56** | **31.28** | **100.00** |
| Total | **179** | **100.00** | |

```
20 .
21 . su TIME_V1SCAN if sample_final==1, det
```

TIME_V1SCAN

| Percentiles | | Smallest | | |
|---|---|---|---|---|
| 1% | **845** | **832** | | |
| 5% | **975** | **845** | | |
| 10% | **1111** | **853** | Obs | **179** |
| 25% | **1643** | **874** | Sum of wgt. | **179** |
| 50% | **1908** | | Mean | **1978.151** |
| | | Largest | Std. dev. | **633.629** |
| 75% | **2277** | **3410** | | |
| 90% | **2842** | **3438** | Variance | **401485.8** |
| 95% | **3330** | **3639** | Skewness | **.4776782** |
| 99% | **3639** | **3685** | Kurtosis | **3.009301** |

```
22 . su TIME_V2SCAN if sample_final==1, det
```

TIME_V2SCAN

| Percentiles | | Smallest | | |
|---|---|---|---|---|
| 1% | **28** | **26** | | |
| 5% | **41** | **28** | | |
| 10% | **58** | **32** | Obs | **179** |
| 25% | **111** | **35** | Sum of wgt. | **179** |
| 50% | **186** | | Mean | **411.1732** |
| | | Largest | Std. dev. | **442.4729** |
| 75% | **760** | **1671** | | |
| 90% | **1089** | **1674** | Variance | **195782.2** |
| 95% | **1318** | **1830** | Skewness | **1.39663** |
| 99% | **1830** | **1895** | Kurtosis | **3.983446** |

```
23 .
24 . save, replace
   file HANDLS_paper51_NFLBRAINSCANFINALIZED.dta saved

25 .
26 . ****IMPUTED DATA COVARIATES*****
27 . use finaldata_imputed, clear
```

```
28 .
29 .
30 . save, replace
   file finaldata_imputed.dta saved

31 .
32 .
33 .
34 . ****w1BMI w1dxDiabetes w1Glucose w1Creatinine w1USpecGrav w1BUN w1ALP w1UricAcid w1Albumin w1EosinPct w1TotalD w1c
35 .
36 . mi estimate: mean w1BMI if sample_final==1

   Multiple-imputation estimates     Imputations     =          5
   Mean estimation                   Number of obs   =        179
                                     Average RVI     =     0.0000
                                     Largest FMI     =     0.0000
                                     Complete DF     =        178
   DF adjustment:   Small sample     DF:     min     =     176.03
                                             avg     =     176.03
   Within VCE type:     Analytic             max     =     176.03

------------------------------------------------------------------------------
             |      Mean   Std. err.     [95% conf. interval]
-------------+----------------------------------------------------------------
       w1BMI |   29.3365   .4806747      28.38787    30.28513
------------------------------------------------------------------------------

37 . mi estimate: prop w1dxDiabetes if sample_final==1

   Multiple-imputation estimates     Imputations     =          5
   Proportion estimation             Number of obs   =        179
                                     Average RVI     =     0.0247
                                     Largest FMI     =     0.0367
                                     Complete DF     =        178
   DF adjustment:   Small sample     DF:     min     =     161.11
                                             avg     =     167.22
   Within VCE type:     Analytic             max     =     172.18

------------------------------------------------------------------------------
             |                                                    Normal
             | Proportion   Std. err.     [95% conf. interval]
-------------+----------------------------------------------------------------
 w1dxDiabetes|
          no |   .7162011   .0340827      .6489166    .7834857
pre-diabetes |   .1765363   .0290169      .1192338    .2338388
    diabetes |   .1072626   .0232899      .0612921    .1532331
------------------------------------------------------------------------------

38 . mi estimate: mean w1Glucose if sample_final==1

   Multiple-imputation estimates     Imputations     =          5
   Mean estimation                   Number of obs   =        179
                                     Average RVI     =     0.0000
                                     Largest FMI     =     0.0000
                                     Complete DF     =        178
   DF adjustment:   Small sample     DF:     min     =     176.03
                                             avg     =     176.03
   Within VCE type:     Analytic             max     =     176.03

------------------------------------------------------------------------------
             |      Mean   Std. err.     [95% conf. interval]
-------------+----------------------------------------------------------------
   w1Glucose |   99.89385   2.100086      95.74927    104.0384
------------------------------------------------------------------------------
```

```
39 . mi estimate: mean w1Creatinine if sample_final==1

Multiple-imputation estimates     Imputations     =          5
Mean estimation                   Number of obs   =        179
                                  Average RVI     =     0.1794
                                  Largest FMI     =     0.1633
                                  Complete DF     =        178
DF adjustment:   Small sample     DF:     min     =      80.10
                                          avg     =      80.10
Within VCE type:     Analytic             max     =      80.10

------------------------------------------------------------------------------
             |       Mean   Std. err.     [95% conf. interval]
-------------+----------------------------------------------------------------
w1Creatinine |   .8913232   .0192481       .853019    .9296275
------------------------------------------------------------------------------

40 . mi estimate: mean w1USpecGrav if sample_final==1

Multiple-imputation estimates     Imputations     =          5
Mean estimation                   Number of obs   =        179
                                  Average RVI     =     0.0104
                                  Largest FMI     =     0.0106
                                  Complete DF     =        178
DF adjustment:   Small sample     DF:     min     =     173.43
                                          avg     =     173.43
Within VCE type:     Analytic             max     =     173.43

------------------------------------------------------------------------------
             |       Mean   Std. err.     [95% conf. interval]
-------------+----------------------------------------------------------------
 w1USpecGrav |    1.01929   .0004754      1.018352    1.020229
------------------------------------------------------------------------------

41 . mi estimate: mean w1BUN if sample_final==1

Multiple-imputation estimates     Imputations     =          5
Mean estimation                   Number of obs   =        179
                                  Average RVI     =     0.0000
                                  Largest FMI     =     0.0000
                                  Complete DF     =        178
DF adjustment:   Small sample     DF:     min     =     176.03
                                          avg     =     176.03
Within VCE type:     Analytic             max     =     176.03

------------------------------------------------------------------------------
             |       Mean   Std. err.     [95% conf. interval]
-------------+----------------------------------------------------------------
       w1BUN |    13.7486   .3137111      13.12948    14.36772
------------------------------------------------------------------------------

42 . mi estimate: mean w1ALP if sample_final==1

Multiple-imputation estimates     Imputations     =          5
Mean estimation                   Number of obs   =        179
                                  Average RVI     =     0.0000
                                  Largest FMI     =     0.0000
                                  Complete DF     =        178
DF adjustment:   Small sample     DF:     min     =     176.03
                                          avg     =     176.03
Within VCE type:     Analytic             max     =     176.03
```

| | Mean | Std. err. | [95% conf. | interval] |
|---|---|---|---|---|
| w1ALP | **75.2067** | **1.569287** | **72.10967** | **78.30374** |

```
43 . mi estimate: mean w1UricAcid if sample_final==1

Multiple-imputation estimates     Imputations     =          5
Mean estimation                   Number of obs   =        179
                                  Average RVI     =     0.0000
                                  Largest FMI     =     0.0000
                                  Complete DF     =        178
DF adjustment:   Small sample     DF:     min     =     176.03
                                          avg     =     176.03
Within VCE type:     Analytic             max     =     176.03
```

| | Mean | Std. err. | [95% conf. | interval] |
|---|---|---|---|---|
| w1UricAcid | **5.496089** | **.1099168** | **5.279165** | **5.713014** |

```
44 . mi estimate: mean w1Albumin if sample_final==1

Multiple-imputation estimates     Imputations     =          5
Mean estimation                   Number of obs   =        179
                                  Average RVI     =     0.0000
                                  Largest FMI     =     0.0000
                                  Complete DF     =        178
DF adjustment:   Small sample     DF:     min     =     176.03
                                          avg     =     176.03
Within VCE type:     Analytic             max     =     176.03
```

| | Mean | Std. err. | [95% conf. | interval] |
|---|---|---|---|---|
| w1Albumin | **4.341899** | **.0201025** | **4.302227** | **4.381572** |

```
45 . mi estimate: mean w1EosinPct if sample_final==1

Multiple-imputation estimates     Imputations     =          5
Mean estimation                   Number of obs   =        179
                                  Average RVI     =     0.0067
                                  Largest FMI     =     0.0069
                                  Complete DF     =        178
DF adjustment:   Small sample     DF:     min     =     174.51
                                          avg     =     174.51
Within VCE type:     Analytic             max     =     174.51
```

| | Mean | Std. err. | [95% conf. | interval] |
|---|---|---|---|---|
| w1EosinPct | **2.748469** | **.1478255** | **2.456713** | **3.040225** |

```
46 . mi estimate: mean w1TotalD if sample_final==1

Multiple-imputation estimates     Imputations     =          5
Mean estimation                   Number of obs   =        179
                                  Average RVI     =     0.0579
                                  Largest FMI     =     0.0568
                                  Complete DF     =        178
DF adjustment:   Small sample     DF:     min     =     147.98
                                          avg     =     147.98
Within VCE type:     Analytic             max     =     147.98
```

| | Mean | Std. err. | [95% conf. | interval] |
|---|---|---|---|---|
| w1TotalD | **22.33858** | **.8325451** | **20.69337** | **23.9838** |

```
47 . mi estimate: prop w1currdrugs if sample_final==1

Multiple-imputation estimates     Imputations     =          5
Proportion estimation             Number of obs   =        179
                                  Average RVI     =     0.0626
                                  Largest FMI     =     0.0613
                                  Complete DF     =        178
DF adjustment:   Small sample     DF:     min     =     144.84
                                          avg     =     144.84
Within VCE type:     Analytic             max     =     144.84
```

| | Proportion | Std. err. | Normal [95% conf. | interval] |
|---|---|---|---|---|
| w1currdrugs | | | | |
| 0 | **.7988827** | **.0308798** | **.7378495** | **.8599159** |
| 1 | **.2011173** | **.0308798** | **.1400841** | **.2621505** |

```
48 . mi estimate: prop w1SRH if sample_final==1

Multiple-imputation estimates     Imputations     =          5
Proportion estimation             Number of obs   =        179
                                  Average RVI     =     0.0000
                                  Largest FMI     =     0.0000
                                  Complete DF     =        178
DF adjustment:   Small sample     DF:     min     =     176.03
                                          avg     =     176.03
Within VCE type:     Analytic             max     =     176.03
```

| | Proportion | Std. err. | Normal [95% conf. | interval] |
|---|---|---|---|---|
| w1SRH | | | | |
| 1 | **.2178771** | **.0308544** | **.156985** | **.2787692** |
| 2 | **.3687151** | **.0360605** | **.2975486** | **.4398816** |
| 3 | **.4134078** | **.036807** | **.3407679** | **.4860477** |

```
49 .
50 . save, replace
   file finaldata_imputed.dta saved

51 .
52 . use HANDLS_paper51_NFLBRAINSCANFINALIZED,clear

53 .
54 .
55 .
56 . su LnNFLw1 LnNFLw3 bayes1LnNFLpct deltaLnNFL if sample_final==1, det
```

LnNFLw1

| Percentiles | | Smallest | | |
|---|---|---|---|---|
| 1% | .7098107 | .6022635 | | |
| 5% | 1.131065 | .7098107 | | |
| 10% | 1.41758 | .7859286 | Obs | 179 |
| 25% | 1.668105 | .9616931 | Sum of wgt. | 179 |
| 50% | 1.973775 | | Mean | 2.011406 |
| | | Largest | Std. dev. | .5277763 |
| 75% | 2.256332 | 3.422423 | | |
| 90% | 2.635799 | 3.673317 | Variance | .2785478 |
| 95% | 2.810042 | 3.739766 | Skewness | .6503672 |
| 99% | 3.739766 | 4.286799 | Kurtosis | 5.249154 |

LnNFLw3

| Percentiles | | Smallest | | |
|---|---|---|---|---|
| 1% | 1.094554 | 1.053142 | | |
| 5% | 1.388081 | 1.094554 | | |
| 10% | 1.59327 | 1.134186 | Obs | 179 |
| 25% | 1.838484 | 1.136606 | Sum of wgt. | 179 |
| 50% | 2.175027 | | Mean | 2.21664 |
| | | Largest | Std. dev. | .5784713 |
| 75% | 2.559216 | 3.523666 | | |
| 90% | 2.881127 | 3.591589 | Variance | .3346291 |
| 95% | 3.212414 | 4.2382 | Skewness | 1.250663 |
| 99% | 4.2382 | 5.371432 | Kurtosis | 7.617754 |

bayes1LnNFLpct

| Percentiles | | Smallest | | |
|---|---|---|---|---|
| 1% | -4.304887 | -7.20203 | | |
| 5% | -2.678395 | -4.304887 | | |
| 10% | -1.78328 | -4.268345 | Obs | 179 |
| 25% | .0587632 | -4.239318 | Sum of wgt. | 179 |
| 50% | 1.765428 | | Mean | 2.323186 |
| | | Largest | Std. dev. | 4.054527 |
| 75% | 3.746492 | 14.96393 | | |
| 90% | 5.398783 | 15.00648 | Variance | 16.43919 |
| 95% | 9.678455 | 17.26217 | Skewness | 2.37556 |
| 99% | 17.26217 | 28.57584 | Kurtosis | 13.89637 |

deltaLnNFL

| Percentiles | | Smallest | | |
|---|---|---|---|---|
| 1% | -.4083219 | -.4373254 | | |
| 5% | -.116494 | -.4083219 | | |
| 10% | -.0664455 | -.1839202 | Obs | 179 |
| 25% | -.0103927 | -.1746917 | Sum of wgt. | 179 |

| | | | | |
|---|---|---|---|---|
| 50% | .0431827 | | Mean | .0443886 |
| | | Largest | Std. dev. | .1132619 |
| 75% | .0910289 | .3208535 | | |
| 90% | .1440773 | .3901258 | Variance | .0128283 |
| 95% | .2228006 | .4469894 | Skewness | .5121822 |
| 99% | .4469894 | .6446922 | Kurtosis | 10.34538 |

```
57 .
58 .
59 . su TOTALBRAIN if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| TOTALBRAIN | 179 | 1142888 | 118105.8 | 841675.3 | 1512220 |

```
60 . su GM if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| GM | 179 | 642412.2 | 65224.07 | 475422 | 817053.6 |

```
61 . su WM if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| WM | 179 | 457267 | 52874.89 | 329097.6 | 638378.4 |

```
62 .
63 .
64 . su FRONTAL_GM_L_volM2  if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| FRONTAL_GM.. | 179 | 93214.31 | 10104.65 | 67719.6 | 120338.4 |

```
65 . su FRONTAL_WM_L_volM2  if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| F~WM_L_volM2 | 179 | 85325.83 | 10333.41 | 61238.4 | 122709.6 |

```
66 . su TEMPORAL_GM_L_volM2  if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| TEMPORAL_G.. | 179 | 50289.38 | 6140.402 | 36861.6 | 67758 |

```
67 . su TEMPORAL_WM_L_volM2  if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| T~WM_L_volM2 | 179 | 49366.47 | 6115.713 | 37683.6 | 72369.6 |

```
68 . su PARIETAL_GM_L_volM2  if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| PARIETAL_G.. | **179** | **46149.05** | **5673.872** | **31327.2** | **61736.4** |

```
69 . su PARIETAL_WM_L_volM2  if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| P~WM_L_volM2 | **179** | **43897.2** | **5610.207** | **31485.6** | **62379.6** |

```
70 . su OCCIPITAL_GM_L_volM2  if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| OCCIPITAL_.. | **179** | **38075.06** | **5221.42** | **26013.6** | **52540.8** |

```
71 . su OCCIPITAL_WM_L_volM2  if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| O~WM_L_volM2 | **179** | **21027.97** | **2957.353** | **14616** | **31482** |

```
72 .
73 . su FRONTAL_GM_R_volM2  if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| FRONTAL_GM.. | **179** | **93300.04** | **10316.11** | **68850** | **123519.6** |

```
74 . su FRONTAL_WM_R_volM2  if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| F~WM_R_volM2 | **179** | **87551.96** | **10686.64** | **63043.2** | **125416.8** |

```
75 . su TEMPORAL_GM_R_volM2  if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| TEMPORAL_G.. | **179** | **51220.91** | **6006.127** | **39058.8** | **67380** |

```
76 . su TEMPORAL_WM_R_volM2  if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| T~WM_R_volM2 | **179** | **49912.95** | **6054.144** | **36202.8** | **71120.4** |

```
77 . su PARIETAL_GM_R_volM2  if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| PARIETAL_G.. | **179** | **46772.75** | **5752.116** | **32137.2** | **61358.4** |

```
78 . su PARIETAL_WM_R_volM2  if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| P~WM_R_volM2 | **179** | **41683.93** | **5452.129** | **29893.2** | **58342.8** |

```
79 . su OCCIPITAL_GM_R_volM2  if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| OCCIPITAL_.. | **179** | **39335.44** | **5402.071** | **27355.2** | **55772.4** |

```
80 . su OCCIPITAL_WM_R_volM2  if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| O~WM_R_volM2 | **179** | **20815.9** | **2930.956** | **14373.6** | **28762.8** |

```
81 .
82 . su Left_Hippocampus if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| Left_Hippo~s | **179** | **3536.923** | **385.6272** | **2732.4** | **5062.8** |

```
83 . su Right_Hippocampus if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| Right_Hipp~s | **179** | **3827.745** | **413.3396** | **3045.6** | **5422.8** |

```
84 .
85 .
86 . su LnLesion_Volume if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| LnLesion_V~e | **179** | **5.64825** | **3.840289** | **-18.42068** | **9.335351** |

```
87 .
88 .
89 . su Left_Hippocampuspct if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| Left_Hippo~t | **179** | **.2651435** | **.0241463** | **.1973778** | **.3339828** |

```
90 . su Right_Hippocampuspct if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| Right_Hipp~t | **179** | **.2868455** | **.0246736** | **.2221663** | **.3567998** |

```
 91 .
 92 .
 93 . su LnLesion_Volumepct if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| LnLesion_V~t | **179** | **-3.848751** | **3.83267** | **-28.00085** | **-.1922425** |

```
 94 .
 95 . su ICV_volM2 if sample_final==1
```

| Variable | Obs | Mean | Std. dev. | Min | Max |
|---|---|---|---|---|---|
| ICV_volM2 | **179** | **1339313** | **142092.9** | **1000900** | **1756980** |

```
 96 .
 97 .
 98 . save, replace
file HANDLS_paper51_NFLBRAINSCANFINALIZED.dta saved

 99 .
100 . ***************************T-tests by Sex**********************
101 .
102 . **by Sex group**
103 . ttest w1Age if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | **99** | **47.42323** | **.9477929** | **9.43042** | **45.54237** | **49.3041** |
| Men | **80** | **48.16** | **.9759507** | **8.729168** | **46.21742** | **50.10258** |
| Combined | **179** | **47.75251** | **.6806025** | **9.10584** | **46.40943** | **49.0956** |
| diff | | **-.7367677** | **1.371683** | | **-3.443725** | **1.970189** |

```
    diff = mean(Women) - mean(Men)                                t =  -0.5371
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.2959         Pr(|T| > |t|) = 0.5919          Pr(T > t) = 0.7041

104 . tab Race Sex if sample_final==1, row col chi
```

| Key |
|---|
| *frequency*<br>*row percentage*<br>*column percentage* |

| Race | Sex: Women | Men | Total |
|---|---|---|---|
| White | **59** | **46** | **105** |
| | **56.19** | **43.81** | **100.00** |
| | **59.60** | **57.50** | **58.66** |
| AfrAm | **40** | **34** | **74** |
| | **54.05** | **45.95** | **100.00** |
| | **40.40** | **42.50** | **41.34** |
| Total | **99** | **80** | **179** |

| | | |
|---|---|---|
| **55.31** | **44.69** | **100.00** |
| **100.00** | **100.00** | **100.00** |

Pearson chi2(**1**) = **0.0802** Pr = **0.777**

105 . tab PovStat Sex if sample_final==1, row col chi

| Key |
|---|
| *frequency*<br>*row percentage*<br>*column percentage* |

| Poverty status | Sex | | |
|---|---|---|---|
| | Women | Men | Total |
| Above | **63** | **60** | **123** |
| | **51.22** | **48.78** | **100.00** |
| | **63.64** | **75.00** | **68.72** |
| Below | **36** | **20** | **56** |
| | **64.29** | **35.71** | **100.00** |
| | **36.36** | **25.00** | **31.28** |
| Total | **99** | **80** | **179** |
| | **55.31** | **44.69** | **100.00** |
| | **100.00** | **100.00** | **100.00** |

Pearson chi2(**1**) = **2.6578** Pr = **0.103**

106 . ttest TIME_V1SCAN if sample_final==1, by(Sex)

Two-sample t test with equal variances

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | **99** | **1994.141** | **65.65375** | **653.2466** | **1863.854** | **2124.429** |
| Men | **80** | **1958.362** | **68.42276** | **611.9918** | **1822.17** | **2094.555** |
| Combined | **179** | **1978.151** | **47.35966** | **633.629** | **1884.692** | **2071.609** |
| diff | | **35.77891** | **95.48831** | | **-152.6632** | **224.221** |

diff = mean(**Women**) - mean(**Men**) t = **0.3747**
H0: diff = 0 Degrees of freedom = **177**

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
Pr(T < t) = **0.6458** Pr(|T| > |t|) = **0.7083** Pr(T > t) = **0.3542**

107 . ttest TIME_V2SCAN if sample_final==1, by(Sex)

Two-sample t test with equal variances

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | **99** | **427.0808** | **44.48009** | **442.5713** | **338.8115** | **515.3501** |
| Men | **80** | **391.4875** | **49.67934** | **444.3455** | **292.6032** | **490.3718** |
| Combined | **179** | **411.1732** | **33.07198** | **442.4729** | **345.9096** | **476.4368** |
| diff | | **35.59331** | **66.65372** | | **-95.94495** | **167.1316** |

diff = mean(**Women**) - mean(**Men**) t = **0.5340**

H0: diff = 0 Degrees of freedom = **177**

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
Pr(T < t) = **0.7030** Pr(|T| > |t|) = **0.5940** Pr(T > t) = **0.2970**

```
108 .
109 .
110 .
111 .
112 . ***Follow-up time by other important covariates**
113 . ttest TIME_V1SCAN if sample_final==1, by(w1Agebr)
```

Two-sample t test with equal variances

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| 0 | **106** | **2004.189** | **62.50684** | **643.5473** | **1880.249** | **2128.128** |
| 1 | **73** | **1940.342** | **72.72968** | **621.4027** | **1795.358** | **2085.326** |
| Combined | **179** | **1978.151** | **47.35966** | **633.629** | **1884.692** | **2071.609** |
| diff | | **63.84621** | **96.52382** | | **-126.6394** | **254.3318** |

diff = mean(**0**) - mean(**1**) t = **0.6615**
H0: diff = 0 Degrees of freedom = **177**

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
Pr(T < t) = **0.7454** Pr(|T| > |t|) = **0.5092** Pr(T > t) = **0.2546**

```
114 . ttest TIME_V1SCAN if sample_final==1, by(PovStat)
```

Two-sample t test with equal variances

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Above | **123** | **1838.398** | **54.54288** | **604.9098** | **1730.425** | **1946.371** |
| Below | **56** | **2285.107** | **78.83899** | **589.977** | **2127.11** | **2443.104** |
| Combined | **179** | **1978.151** | **47.35966** | **633.629** | **1884.692** | **2071.609** |
| diff | | **-446.7088** | **96.7732** | | **-637.6865** | **-255.731** |

diff = mean(**Above**) - mean(**Below**) t = **-4.6160**
H0: diff = 0 Degrees of freedom = **177**

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
Pr(T < t) = **0.0000** Pr(|T| > |t|) = **0.0000** Pr(T > t) = **1.0000**

```
115 . ttest TIME_V1SCAN if sample_final==1, by(Race)
```

Two-sample t test with equal variances

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| White | **105** | **1870.676** | **63.74162** | **653.1573** | **1744.274** | **1997.078** |
| AfrAm | **74** | **2130.649** | **66.88004** | **575.3239** | **1997.357** | **2263.94** |
| Combined | **179** | **1978.151** | **47.35966** | **633.629** | **1884.692** | **2071.609** |
| diff | | **-259.9725** | **94.44349** | | **-446.3526** | **-73.59228** |

diff = mean(**White**) - mean(**AfrAm**) t = **-2.7527**
H0: diff = 0 Degrees of freedom = **177**

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
Pr(T < t) = **0.0033** Pr(|T| > |t|) = **0.0065** Pr(T > t) = **0.9967**

```
116 .
117 . ttest TIME_V2SCAN if sample_final==1, by(w1Agebr)
```

Two-sample t test with equal variances

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| 0 | **106** | **415.066** | **43.75329** | **450.4677** | **328.3113** | **501.8207** |
| 1 | **73** | **405.5205** | **50.75266** | **433.631** | **304.347** | **506.6941** |
| Combined | **179** | **411.1732** | **33.07198** | **442.4729** | **345.9096** | **476.4368** |
| diff | | **9.54549** | **67.4835** | | **-123.6303** | **142.7213** |

diff = mean(**0**) - mean(**1**) t = **0.1414**
H0: diff = 0 Degrees of freedom = **177**

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
Pr(T < t) = **0.5562** Pr(|T| > |t|) = **0.8877** Pr(T > t) = **0.4438**

```
118 . ttest TIME_V2SCAN if sample_final==1, by(PovStat)
```

Two-sample t test with equal variances

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Above | **123** | **356.6748** | **36.29277** | **402.5063** | **284.8296** | **428.52** |
| Below | **56** | **530.875** | **67.21776** | **503.0117** | **396.1676** | **665.5824** |
| Combined | **179** | **411.1732** | **33.07198** | **442.4729** | **345.9096** | **476.4368** |
| diff | | **-174.2002** | **70.32167** | | **-312.977** | **-35.4234** |

diff = mean(**Above**) - mean(**Below**) t = **-2.4772**
H0: diff = 0 Degrees of freedom = **177**

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
Pr(T < t) = **0.0071** Pr(|T| > |t|) = **0.0142** Pr(T > t) = **0.9929**

```
119 . ttest TIME_V2SCAN if sample_final==1, by(Race)
```

Two-sample t test with equal variances

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| White | **105** | **401.1143** | **41.75067** | **427.8171** | **318.3211** | **483.9074** |
| AfrAm | **74** | **425.4459** | **54.06244** | **465.0627** | **317.6996** | **533.1922** |
| Combined | **179** | **411.1732** | **33.07198** | **442.4729** | **345.9096** | **476.4368** |
| diff | | **-24.33166** | **67.32337** | | **-157.1914** | **108.5281** |

diff = mean(**White**) - mean(**AfrAm**) t = **-0.3614**
H0: diff = 0 Degrees of freedom = **177**

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
Pr(T < t) = **0.3591** Pr(|T| > |t|) = **0.7182** Pr(T > t) = **0.6409**

```
120 .
121 . ****IMPUTED DATA COVARIATES*****
122 . use finaldata_imputed, clear

123 . save, replace
    file finaldata_imputed.dta saved

124 .
125 . *****w1Age at w1, categorical**
126 . capture drop w1Agebr

127 . mi passive: gen w1Agebr=.
    m=0:
    (3,720 missing values generated)
    m=1:
    (3,720 missing values generated)
    m=2:
    (3,720 missing values generated)
    m=3:
    (3,720 missing values generated)
    m=4:
    (3,720 missing values generated)
    m=5:
    (3,720 missing values generated)

128 . mi passive: replace w1Agebr=0 if w1Age<=50
    m=0:
    (2,056 real changes made)
    m=1:
    (2,056 real changes made)
    m=2:
    (2,056 real changes made)
    m=3:
    (2,056 real changes made)
    m=4:
    (2,056 real changes made)
    m=5:
    (2,056 real changes made)

129 . mi passive: replace w1Agebr=1 if w1Age>50 & w1Age~=.
    m=0:
    (1,664 real changes made)
    m=1:
    (1,664 real changes made)
    m=2:
    (1,664 real changes made)
    m=3:
    (1,664 real changes made)
    m=4:
    (1,664 real changes made)
    m=5:
    (1,664 real changes made)
```

```
130 .
131 . save, replace
    (file C:\Users\baydounm\AppData\Local\Temp\ST_5d6c_000002.tmp not found)
    file C:\Users\baydounm\AppData\Local\Temp\ST_5d6c_000002.tmp saved as .dta format

132 .
133 . mi estimate: reg w1BMI Sex if sample_final==1

    Multiple-imputation estimates                   Imputations       =          5
    Linear regression                               Number of obs     =        179
                                                    Average RVI       =     0.0000
                                                    Largest FMI       =     0.0000
                                                    Complete DF       =        177
    DF adjustment:   Small sample                   DF:     min       =     175.03
                                                            avg       =     175.03
                                                            max       =     175.03
    Model F test:       Equal FMI                   F(   1,  175.0)   =       4.01
    Within VCE type:          OLS                   Prob > F          =     0.0466

    ------------------------------------------------------------------------------
           w1BMI | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
    -------------+----------------------------------------------------------------
             Sex |  -1.920972   .9587267    -2.00   0.047    -3.813124   -.0288195
           _cons |   32.11601   1.466815    21.90   0.000     29.22109    35.01093
    ------------------------------------------------------------------------------

134 . mi estimate: mlogit w1dxDiabetes Sex if sample_final==1,baseoutcome(0)

    Multiple-imputation estimates                   Imputations       =          5
    Multinomial logistic regression                 Number of obs     =        179
                                                    Average RVI       =     0.0216
                                                    Largest FMI       =     0.0231
    DF adjustment:   Large sample                   DF:     min       =   7,694.49
                                                            avg       =  54,651.10
                                                            max       = 129,290.50
    Model F test:       Equal FMI                   F(   2, 6812.7)   =       3.30
    Within VCE type:          OIM                   Prob > F          =     0.0371

    ------------------------------------------------------------------------------
    w1dxDiabetes | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
    -------------+----------------------------------------------------------------
    no           |  (base outcome)
    -------------+----------------------------------------------------------------
    pre_diabetes |
             Sex |   1.067462   .4198673     2.54   0.011     .2444082    1.890517
           _cons |  -3.026276   .6981958    -4.33   0.000    -4.394743   -1.657809
    -------------+----------------------------------------------------------------
    diabetes     |
             Sex |   .3565169   .4948523     0.72   0.471    -.6134274    1.326461
           _cons |  -2.410641   .7637672    -3.16   0.002    -3.907611   -.9136704
    ------------------------------------------------------------------------------

135 . mi estimate: reg w1Glucose Sex if sample_final==1

    Multiple-imputation estimates                   Imputations       =          5
    Linear regression                               Number of obs     =        179
                                                    Average RVI       =     0.0000
                                                    Largest FMI       =     0.0000
                                                    Complete DF       =        177
    DF adjustment:   Small sample                   DF:     min       =     175.03
                                                            avg       =     175.03
                                                            max       =     175.03
    Model F test:       Equal FMI                   F(   1,  175.0)   =       3.26
    Within VCE type:          OLS                   Prob > F          =     0.0726
```

| w1Glucose | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 7.582449 | 4.197435 | 1.81 | 0.073 | -.7016499 | 15.86655 |
| _cons | 88.9226 | 6.421914 | 13.85 | 0.000 | 76.24825 | 101.597 |

136 . mi estimate: reg w1Creatinine Sex if sample_final==1

| | | | |
|---|---|---|---|
| Multiple-imputation estimates | | Imputations | = 5 |
| Linear regression | | Number of obs | = 179 |
| | | Average RVI | = 0.2912 |
| | | Largest FMI | = 0.3166 |
| | | Complete DF | = 177 |
| DF adjustment: | Small sample | DF: min | = 35.02 |
| | | avg | = 37.63 |
| | | max | = 40.24 |
| Model F test: | Equal FMI | F( 1, 40.2) | = 36.23 |
| Within VCE type: | OLS | Prob > F | = 0.0000 |

| w1Creatinine | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | .2214647 | .0367942 | 6.02 | 0.000 | .1471147 | .2958146 |
| _cons | .5708799 | .0572743 | 9.97 | 0.000 | .4546088 | .687151 |

137 . mi estimate: reg w1USpecGrav Sex if sample_final==1

| | | | |
|---|---|---|---|
| Multiple-imputation estimates | | Imputations | = 5 |
| Linear regression | | Number of obs | = 179 |
| | | Average RVI | = 0.0101 |
| | | Largest FMI | = 0.0098 |
| | | Complete DF | = 177 |
| DF adjustment: | Small sample | DF: min | = 172.69 |
| | | avg | = 172.96 |
| | | max | = 173.23 |
| Model F test: | Equal FMI | F( 1, 172.7) | = 5.09 |
| Within VCE type: | OLS | Prob > F | = 0.0253 |

| w1USpecGrav | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | .0021323 | .0009449 | 2.26 | 0.025 | .0002671 | .0039974 |
| _cons | 1.016205 | .0014444 | 703.54 | 0.000 | 1.013354 | 1.019056 |

138 . mi estimate: reg w1BUN Sex if sample_final==1

| | | | |
|---|---|---|---|
| Multiple-imputation estimates | | Imputations | = 5 |
| Linear regression | | Number of obs | = 179 |
| | | Average RVI | = 0.0000 |
| | | Largest FMI | = 0.0000 |
| | | Complete DF | = 177 |
| DF adjustment: | Small sample | DF: min | = 175.03 |
| | | avg | = 175.03 |
| | | max | = 175.03 |
| Model F test: | Equal FMI | F( 1, 175.0) | = 2.18 |
| Within VCE type: | OLS | Prob > F | = 0.1414 |

| w1BUN | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | .9291667 | .6289007 | 1.48 | 0.141 | -.3120379 | 2.170371 |
| _cons | 12.40417 | .9621938 | 12.89 | 0.000 | 10.50517 | 14.30316 |

```
139 . mi estimate: reg w1ALP Sex if sample_final==1

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =        179
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =        177
DF adjustment:   Small sample                   DF:     min       =     175.03
                                                        avg       =     175.03
                                                        max       =     175.03
Model F test:       Equal FMI                   F(   1,  175.0)   =       3.61
Within VCE type:          OLS                   Prob > F          =     0.0590
```

| w1ALP | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -5.956187 | 3.13349 | -1.90 | 0.059 | -12.14047 | .2280991 |
| _cons | 83.82487 | 4.794118 | 17.48 | 0.000 | 74.36315 | 93.28659 |

```
140 . mi estimate: reg w1UricAcid Sex if sample_final==1

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =        179
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =        177
DF adjustment:   Small sample                   DF:     min       =     175.03
                                                        avg       =     175.03
                                                        max       =     175.03
Model F test:       Equal FMI                   F(   1,  175.0)   =      31.77
Within VCE type:          OLS                   Prob > F          =     0.0000
```

| w1UricAcid | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 1.150682 | .2041398 | 5.64 | 0.000 | .7477896 | 1.553574 |
| _cons | 3.831136 | .312326 | 12.27 | 0.000 | 3.214727 | 4.447546 |

```
141 . mi estimate: reg w1Albumin Sex if sample_final==1

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =        179
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =        177
DF adjustment:   Small sample                   DF:     min       =     175.03
                                                        avg       =     175.03
                                                        max       =     175.03
Model F test:       Equal FMI                   F(   1,  175.0)   =      10.90
Within VCE type:          OLS                   Prob > F          =     0.0012
```

| w1Albumin | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | .1299116 | .0393541 | 3.30 | 0.001 | .052242 | .2075813 |
| _cons | 4.153927 | .0602103 | 68.99 | 0.000 | 4.035095 | 4.272758 |

142 . mi estimate: reg w1EosinPct Sex if sample_final==1

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 179
Average RVI = 0.0061
Largest FMI = 0.0096
Complete DF = 177
DF adjustment: Small sample — DF: min = 172.76
avg = 173.31
max = 173.85
Model F test: Equal FMI — F( 1, 173.9) = 2.43
Within VCE type: OLS — Prob > F = 0.1207

| w1EosinPct | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | .4615689 | .2959437 | 1.56 | 0.121 | -.122536 | 1.045674 |
| _cons | 2.080612 | .4536581 | 4.59 | 0.000 | 1.185186 | 2.976038 |

143 . mi estimate: reg w1TotalD Sex if sample_final==1

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 179
Average RVI = 0.2005
Largest FMI = 0.2809
Complete DF = 177
DF adjustment: Small sample — DF: min = 41.67
avg = 43.59
max = 45.50
Model F test: Equal FMI — F( 1, 41.7) = 0.32
Within VCE type: OLS — Prob > F = 0.5766

| w1TotalD | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 1.062825 | 1.888755 | 0.56 | 0.577 | -2.749721 | 4.875372 |
| _cons | 20.80075 | 2.860955 | 7.27 | 0.000 | 15.04024 | 26.56126 |

144 . mi estimate: reg w1currdrugs Sex if sample_final==1

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 179
Average RVI = 0.0901
Largest FMI = 0.1118
Complete DF = 177
DF adjustment: Small sample — DF: min = 108.94
avg = 115.80
max = 122.65
Model F test: Equal FMI — F( 1, 108.9) = 0.36
Within VCE type: OLS — Prob > F = 0.5519

| w1currdrugs | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -.0381818 | .063986 | -0.60 | 0.552 | -.1650007 | .0886371 |
| _cons | .2563636 | .0968935 | 2.65 | 0.009 | .0645634 | .4481638 |

```
145 . mi estimate: mlogit w1SRH Sex if sample_final==1, baseoutcome(1)

Multiple-imputation estimates                   Imputations       =          5
Multinomial logistic regression                 Number of obs     =        179
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
DF adjustment:   Large sample                   DF:     min       =   1.07e+68
                                                        avg       =   1.07e+68
                                                        max       =          .
Model F test:       Equal FMI                   F(   2,      .)   =       1.03
Within VCE type:          OIM                   Prob > F          =     0.3567
```

| w1SRH | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| 1 | (base outcome) | | | | | |
| 2 | | | | | | |
| Sex | .3361964 | .4158586 | 0.81 | 0.419 | -.4788714 | 1.151264 |
| _cons | .0558457 | .6115713 | 0.09 | 0.927 | -1.142812 | 1.254503 |
| 3 | | | | | | |
| Sex | .5798185 | .4067956 | 1.43 | 0.154 | -.2174861 | 1.377123 |
| _cons | -.1877764 | .605445 | -0.31 | 0.756 | -1.374427 | .9988741 |

```
146 .
147 .
148 .
149 . mi estimate: reg w1BMI Sex w1Age Race PovStat if sample_final==1

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =        179
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =        174
DF adjustment:   Small sample                   DF:     min       =     172.03
                                                        avg       =     172.03
                                                        max       =     172.03
Model F test:       Equal FMI                   F(   4,  172.0)   =       1.03
Within VCE type:          OLS                   Prob > F          =     0.3917
```

| w1BMI | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -1.921806 | .9745448 | -1.97 | 0.050 | -3.84541 | .0017991 |
| w1Age | .0235374 | .0554819 | 0.42 | 0.672 | -.0859756 | .1330503 |
| Race | .0417056 | .9957855 | 0.04 | 0.967 | -1.923825 | 2.007236 |
| PovStat | .1529621 | 1.09008 | 0.14 | 0.889 | -1.998692 | 2.304616 |
| _cons | 30.73348 | 3.994781 | 7.69 | 0.000 | 22.84839 | 38.61858 |

```
150 . mi estimate: mlogit w1dxDiabetes Sex w1Age Race PovStat if sample_final==1,baseoutcome(0)

Multiple-imputation estimates                   Imputations       =          5
Multinomial logistic regression                 Number of obs     =        179
                                                Average RVI       =     0.0216
                                                Largest FMI       =     0.0704
DF adjustment:   Large sample                   DF:     min       =     859.21
                                                        avg       = 1873664.93
                                                        max       =   1.76e+07
Model F test:       Equal FMI                   F(   8,57741.2)   =       1.60
Within VCE type:          OIM                   Prob > F          =     0.1195
```

| w1dxDiabetes | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **no** | (base outcome) | | | | | |
| **pre_diabetes** | | | | | | |
| Sex | 1.10234 | .4273265 | 2.58 | 0.010 | .2647438 | 1.939937 |
| w1Age | .0359471 | .0250697 | 1.43 | 0.152 | -.0131941 | .0850883 |
| Race | -.5521747 | .4602409 | -1.20 | 0.231 | -1.455503 | .3511533 |
| PovStat | .1944711 | .4779537 | 0.41 | 0.684 | -.742444 | 1.131386 |
| _cons | -4.31598 | 1.818866 | -2.37 | 0.018 | -7.881047 | -.7509136 |
| **diabetes** | | | | | | |
| Sex | .3503344 | .5033677 | 0.70 | 0.486 | -.636281 | 1.33695 |
| w1Age | .0525463 | .0298759 | 1.76 | 0.079 | -.0060094 | .1111021 |
| Race | .0699535 | .5105312 | 0.14 | 0.891 | -.9307499 | 1.070657 |
| PovStat | -.0046332 | .5887143 | -0.01 | 0.994 | -1.158499 | 1.149232 |
| _cons | -5.065672 | 2.199983 | -2.30 | 0.021 | -9.377566 | -.7537788 |

```
151 . mi estimate: reg w1Glucose Sex w1Age Race PovStat if sample_final==1

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =        179
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =        174
DF adjustment:   Small sample                   DF:     min       =     172.03
                                                        avg       =     172.03
                                                        max       =     172.03
Model F test:       Equal FMI                   F(   4,  172.0)   =       1.96
Within VCE type:          OLS                   Prob > F          =     0.1031
```

| w1Glucose | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 7.78608 | 4.214291 | 1.85 | 0.066 | -.5322953 | 16.10446 |
| w1Age | .3016221 | .2399243 | 1.26 | 0.210 | -.1719524 | .7751966 |
| Race | -6.607215 | 4.306144 | -1.53 | 0.127 | -15.10689 | 1.892464 |
| PovStat | 2.528871 | 4.713908 | 0.54 | 0.592 | -6.775674 | 11.83342 |
| _cons | 80.24341 | 17.2749 | 4.65 | 0.000 | 46.14535 | 114.3415 |

```
152 . mi estimate: reg w1Creatinine Sex w1Age Race PovStat if sample_final==1

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =        179
                                                Average RVI       =     0.3019
                                                Largest FMI       =     0.5199
                                                Complete DF       =        174
DF adjustment:   Small sample                   DF:     min       =      15.28
                                                        avg       =      61.74
                                                        max       =     146.95
Model F test:       Equal FMI                   F(   4,   82.8)   =       9.78
Within VCE type:          OLS                   Prob > F          =     0.0000

------------------------------------------------------------------------------
  w1Creatinine | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
---------------+--------------------------------------------------------------
           Sex |   .2189385   .0365778     5.99   0.000      .145271     .292606
         w1Age |    .001818   .0024143     0.75   0.462    -.0032682    .0069041
          Race |   .0441872   .0351746     1.26   0.213    -.0257611    .1141355
       PovStat |  -.0022932   .0366075    -0.06   0.950    -.0746383    .0700519
         _cons |   .4282779   .1789255     2.39   0.030     .0475207    .8090351
------------------------------------------------------------------------------

153 . mi estimate: reg w1USpecGrav Sex w1Age Race PovStat if sample_final==1

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =        179
                                                Average RVI       =     0.0133
                                                Largest FMI       =     0.0284
                                                Complete DF       =        174
DF adjustment:   Small sample                   DF:     min       =     162.11
                                                        avg       =     166.61
                                                        max       =     169.39
Model F test:       Equal FMI                   F(   4,  171.3)   =       2.17
Within VCE type:          OLS                   Prob > F          =     0.0748

------------------------------------------------------------------------------
 w1USpecGrav | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
---------------+--------------------------------------------------------------
           Sex |   .0023323   .0009529     2.45   0.015     .0004511    .0042134
         w1Age |  -.0000429   .0000543    -0.79   0.431    -.0001501    .0000644
          Race |   .0000976   .0009724     0.10   0.920    -.0018219    .0020172
       PovStat |   .0014997   .0010737     1.40   0.164    -.0006205      .00362
         _cons |   1.015857   .0039203   259.13   0.000     1.008116    1.023597
------------------------------------------------------------------------------

154 . mi estimate: reg w1BUN Sex w1Age Race PovStat if sample_final==1

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =        179
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =        174
DF adjustment:   Small sample                   DF:     min       =     172.03
                                                        avg       =     172.03
                                                        max       =     172.03
Model F test:       Equal FMI                   F(   4,  172.0)   =       9.31
Within VCE type:          OLS                   Prob > F          =     0.0000
```

| w1BUN | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | .9081352 | .5840501 | 1.55 | 0.122 | -.2446917 | 2.060962 |
| w1Age | .1227106 | .0332506 | 3.69 | 0.000 | .0570789 | .1883424 |
| Race | -2.301654 | .5967797 | -3.86 | 0.000 | -3.479607 | -1.123701 |
| PovStat | .185997 | .653291 | 0.28 | 0.776 | -1.103501 | 1.475495 |
| _cons | 9.583846 | 2.394094 | 4.00 | 0.000 | 4.858265 | 14.30943 |

155 . mi estimate: reg w1ALP Sex w1Age Race PovStat if sample_final==1

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 179
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 174
DF adjustment: Small sample — DF: min = 172.03
avg = 172.03
max = 172.03
Model F test: Equal FMI — F( 4, 172.0) = 3.14
Within VCE type: OLS — Prob > F = 0.0159

| w1ALP | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -6.322563 | 3.108827 | -2.03 | 0.044 | -12.45892 | -.1862069 |
| w1Age | .496481 | .176989 | 2.81 | 0.006 | .1471314 | .8458307 |
| Race | -.4491318 | 3.176585 | -0.14 | 0.888 | -6.719233 | 5.820969 |
| PovStat | -.0879868 | 3.477388 | -0.03 | 0.980 | -6.951827 | 6.775853 |
| _cons | 61.3971 | 12.74347 | 4.82 | 0.000 | 36.24341 | 86.55079 |

156 . mi estimate: reg w1UricAcid Sex w1Age Race PovStat if sample_final==1

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 179
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 174
DF adjustment: Small sample — DF: min = 172.03
avg = 172.03
max = 172.03
Model F test: Equal FMI — F( 4, 172.0) = 11.13
Within VCE type: OLS — Prob > F = 0.0000

| w1UricAcid | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 1.133684 | .2012025 | 5.63 | 0.000 | .7365407 | 1.530828 |
| w1Age | .0381501 | .0114547 | 3.33 | 0.001 | .0155402 | .0607599 |
| Race | .1656702 | .2055879 | 0.81 | 0.421 | -.2401293 | .5714697 |
| PovStat | .1283258 | .2250557 | 0.57 | 0.569 | -.3159003 | .5725519 |
| _cons | 1.631337 | .8247543 | 1.98 | 0.050 | .0033965 | 3.259278 |

```
157 . mi estimate: reg w1Albumin Sex w1Age Race PovStat if sample_final==1

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =        179
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =        174
DF adjustment:   Small sample                   DF:     min       =     172.03
                                                        avg       =     172.03
                                                        max       =     172.03
Model F test:       Equal FMI                   F(   4,  172.0)   =       3.59
Within VCE type:          OLS                   Prob > F          =     0.0077

------------------------------------------------------------------------------
   w1Albumin | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
         Sex |   .1315169   .0396338     3.32   0.001     .0532858    .2097481
       w1Age |  -.0033472   .0022564    -1.48   0.140     -.007801    .0011066
        Race |  -.0522859   .0404976    -1.29   0.198    -.1322221    .0276504
     PovStat |  -.0172185   .0443325    -0.39   0.698    -.1047242    .0702872
       _cons |   4.407946   .1624639    27.13   0.000     4.087267    4.728626
------------------------------------------------------------------------------

158 . mi estimate: reg w1EosinPct Sex w1Age Race PovStat if sample_final==1

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =        179
                                                Average RVI       =     0.0044
                                                Largest FMI       =     0.0122
                                                Complete DF       =        174
DF adjustment:   Small sample                   DF:     min       =     169.00
                                                        avg       =     170.77
                                                        max       =     171.75
Model F test:       Equal FMI                   F(   4,  172.0)   =       1.95
Within VCE type:          OLS                   Prob > F          =     0.1050

------------------------------------------------------------------------------
  w1EosinPct | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
         Sex |   .4944873   .2965805     1.67   0.097    -.0909508    1.079925
       w1Age |  -.0086395    .016845    -0.51   0.609    -.0418893    .0246103
        Race |  -.6938679   .3027159    -2.29   0.023    -1.291404   -.0963321
     PovStat |   .1056864   .3313878     0.32   0.750    -.5484458    .7598185
       _cons |   3.287509   1.219161     2.70   0.008     .8807627    5.694256
------------------------------------------------------------------------------

159 . mi estimate: reg w1TotalD Sex w1Age Race PovStat if sample_final==1

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =        179
                                                Average RVI       =     0.2067
                                                Largest FMI       =     0.3481
                                                Complete DF       =        174
DF adjustment:   Small sample                   DF:     min       =      30.17
                                                        avg       =      88.11
                                                        max       =     130.92
Model F test:       Equal FMI                   F(   4,  101.8)   =      14.84
Within VCE type:          OLS                   Prob > F          =     0.0000
```

| w1TotalD | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | .8705799 | 1.678928 | 0.52 | 0.608 | -2.557443 | 4.298603 |
| w1Age | .0928636 | .085946 | 1.08 | 0.283 | -.0781966 | .2639238 |
| Race | -10.61804 | 1.556202 | -6.82 | 0.000 | -13.72034 | -7.515743 |
| PovStat | -3.048113 | 1.619199 | -1.88 | 0.062 | -6.25192 | .155694 |
| _cons | 35.65379 | 5.922323 | 6.02 | 0.000 | 23.93795 | 47.36962 |

160 . mi estimate: reg w1currdrugs Sex w1Age Race PovStat if sample_final==1

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 179
Average RVI = 0.0979
Largest FMI = 0.1296
Complete DF = 174
DF adjustment: **Small sample** — DF: min = 96.79
avg = 117.46
max = 140.69
Model F test: **Equal FMI** — F( 4, 146.0) = 1.70
Within VCE type: **OLS** — Prob > F = 0.1531

| w1currdrugs | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -.0473744 | .0632981 | -0.75 | 0.456 | -.1727359 | .0779871 |
| w1Age | -.003556 | .0036626 | -0.97 | 0.334 | -.0108254 | .0037133 |
| Race | .1369742 | .063558 | 2.16 | 0.033 | .011322 | .2626265 |
| PovStat | -.0786863 | .0712778 | -1.10 | 0.272 | -.2199693 | .0625968 |
| _cons | .3491773 | .257893 | 1.35 | 0.178 | -.1612268 | .8595814 |

161 . mi estimate: mlogit w1SRH Sex w1Age Race PovStat if sample_final==1, baseoutcome(1)

Multiple-imputation estimates — Imputations = 5
Multinomial logistic regression — Number of obs = 179
Average RVI = 0.0000
Largest FMI = 0.0000
DF adjustment: **Large sample** — DF: min = .
avg = .
max = .
Model F test: **Equal FMI** — F( 8, .) = 0.73
Within VCE type: **OIM** — Prob > F = 0.6685

| w1SRH | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **1** | (base outcome) | | | | | |
| **2** | | | | | | |
| Sex | .3129553 | .4204137 | 0.74 | 0.457 | -.5110405 | 1.136951 |
| w1Age | .0113711 | .0234783 | 0.48 | 0.628 | -.0346455 | .0573877 |
| Race | -.2820861 | .420459 | -0.67 | 0.502 | -1.106171 | .5419985 |
| PovStat | -.1910806 | .4415251 | -0.43 | 0.665 | -1.056454 | .6742927 |
| _cons | .2126844 | 1.68131 | 0.13 | 0.899 | -3.082623 | 3.507992 |
| **3** | | | | | | |
| Sex | .5078536 | .4124979 | 1.23 | 0.218 | -.3006275 | 1.316335 |
| w1Age | .0074869 | .0230729 | 0.32 | 0.746 | -.0377352 | .052709 |
| Race | -.0706379 | .4131175 | -0.17 | 0.864 | -.8803333 | .7390575 |
| PovStat | -.6616858 | .4470199 | -1.48 | 0.139 | -1.537829 | .2144571 |
| _cons | .5372743 | 1.653737 | 0.32 | 0.745 | -2.703991 | 3.778539 |

```
. 
. **Further adjusted for ICV_volM2**
. 
. 
. mi estimate: reg w1BMI Sex w1Age Race PovStat ICV_volM2 if sample_final==1

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =        179
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =        173
DF adjustment:   Small sample                   DF:     min       =     171.03
                                                        avg       =     171.03
                                                        max       =     171.03
Model F test:       Equal FMI                   F(   5,  171.0)   =       0.95
Within VCE type:          OLS                   Prob > F          =     0.4496

------------------------------------------------------------------------------
       w1BMI | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
         Sex |  -2.612603   1.306855    -2.00   0.047    -5.192246   -.0329604
       w1Age |   .0258664   .0556182     0.47   0.642      -.08392    .1356529
        Race |   .4088523   1.098762     0.37   0.710    -1.760028    2.577733
     PovStat |   .2050893   1.093208     0.19   0.851    -1.952829    2.363007
   ICV_volM2 |   3.84e-06   4.83e-06     0.79   0.428    -5.70e-06    .0000134
       _cons |   25.89021   7.291077     3.55   0.000     11.49813    40.28229
------------------------------------------------------------------------------

. mi estimate: mlogit w1dxDiabetes Sex w1Age Race PovStat ICV_volM2 if sample_final==1,baseoutcome(0)

Multiple-imputation estimates                   Imputations       =          5
Multinomial logistic regression                 Number of obs     =        179
                                                Average RVI       =     0.0260
                                                Largest FMI       =     0.0461
DF adjustment:   Large sample                   DF:     min       =   1,966.44
                                                        avg       = 1437913.26
                                                        max       =   1.56e+07
Model F test:       Equal FMI                   F(  10,74222.3)   =       1.37
Within VCE type:          OIM                   Prob > F          =     0.1896

------------------------------------------------------------------------------
w1dxDiabetes | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
no           |  (base outcome)
-------------+----------------------------------------------------------------
pre_diabetes |
         Sex |   .7677576   .5623941     1.37   0.172    -.3346689    1.870184
       w1Age |   .0369551   .0251893     1.47   0.142    -.0124206    .0863308
        Race |  -.3680368   .4987839    -0.74   0.461    -1.346237    .6101638
     PovStat |   .2192279   .4813285     0.46   0.649    -.7243316    1.162787
   ICV_volM2 |   1.82e-06   1.97e-06     0.92   0.355    -2.04e-06    5.69e-06
       _cons |   -6.61979   3.088512    -2.14   0.032    -12.67319   -.5663904
-------------+----------------------------------------------------------------
diabetes     |
         Sex |   .1675633    .674307     0.25   0.804    -1.154616    1.489742
       w1Age |   .0532272   .0299122     1.78   0.075    -.0053997    .1118541
        Race |   .1680613    .561719     0.30   0.765    -.9328889    1.269012
     PovStat |   .0097723    .590649     0.02   0.987     -1.14789    1.167434
   ICV_volM2 |   1.04e-06   2.48e-06     0.42   0.676    -3.82e-06    5.90e-06
       _cons |  -6.380296   3.829537    -1.67   0.096    -13.88662    1.126026
------------------------------------------------------------------------------
```

```
168 . mi estimate: reg w1Glucose Sex w1Age Race PovStat ICV_volM2 if sample_final==1

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =        179
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =        173
DF adjustment:   Small sample                   DF:     min       =     171.03
                                                        avg       =     171.03
                                                        max       =     171.03
Model F test:       Equal FMI                   F(   5,  171.0)   =       1.63
Within VCE type:          OLS                   Prob > F          =     0.1533

------------------------------------------------------------------------------
   w1Glucose | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
         Sex |   5.496055   5.655573     0.97   0.333    -5.667657    16.65977
       w1Age |   .3093431   .2406943     1.29   0.200    -.1657708     .784457
        Race |  -5.390107   4.755024    -1.13   0.259     -14.7762    3.995983
     PovStat |   2.701675    4.73099     0.57   0.569    -6.636974    12.04032
   ICV_volM2 |   .0000127   .0000209     0.61   0.544    -.0000286     .000054
       _cons |   64.18774   31.55301     2.03   0.043     1.904279    126.4712
------------------------------------------------------------------------------

169 . mi estimate: reg w1Creatinine Sex w1Age Race PovStat ICV_volM2 if sample_final==1

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =        179
                                                Average RVI       =     0.3191
                                                Largest FMI       =     0.4696
                                                Complete DF       =        173
DF adjustment:   Small sample                   DF:     min       =      18.35
                                                        avg       =      66.74
                                                        max       =     146.29
Model F test:       Equal FMI                   F(   5,   93.0)   =       7.89
Within VCE type:          OLS                   Prob > F          =     0.0000

------------------------------------------------------------------------------
w1Creatinine | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
         Sex |    .247434   .0516089     4.79   0.000     .1419898    .3528782
       w1Age |   .0017219   .0023865     0.72   0.480    -.0032851    .0067289
        Race |   .0290424   .0377926     0.77   0.444    -.0458428    .1039275
     PovStat |  -.0044434   .0366414    -0.12   0.904    -.0768583    .0679714
   ICV_volM2 |  -1.58e-07   1.87e-07    -0.85   0.402    -5.38e-07    2.21e-07
       _cons |   .6280636   .2650985     2.37   0.021     .0977759    1.158351
------------------------------------------------------------------------------

170 . mi estimate: reg w1USpecGrav Sex w1Age Race PovStat ICV_volM2 if sample_final==1

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =        179
                                                Average RVI       =     0.0118
                                                Largest FMI       =     0.0295
                                                Complete DF       =        173
DF adjustment:   Small sample                   DF:     min       =     160.64
                                                        avg       =     167.16
                                                        max       =     170.53
Model F test:       Equal FMI                   F(   5,  170.6)   =       1.78
Within VCE type:          OLS                   Prob > F          =     0.1191
```

| w1USpecGrav | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | .0018977 | .0012723 | 1.49 | 0.138 | -.0006139 | .0044093 |
| w1Age | -.0000414 | .0000545 | -0.76 | 0.449 | -.0001491 | .0000663 |
| Race | .0003286 | .0010716 | 0.31 | 0.759 | -.0017867 | .0024439 |
| PovStat | .0015325 | .0010785 | 1.42 | 0.157 | -.0005974 | .0036624 |
| ICV_volM2 | 2.42e-09 | 4.71e-09 | 0.51 | 0.609 | -6.88e-09 | 1.17e-08 |
| _cons | 1.01281 | .0071536 | 141.58 | 0.000 | .9986858 | 1.026934 |

171 . mi estimate: reg w1BUN Sex w1Age Race PovStat ICV_volM2 if sample_final==1

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 179
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 173
DF adjustment: Small sample — DF: min = 171.03
avg = 171.03
max = 171.03
Model F test: Equal FMI — F( 5, 171.0) = 7.87
Within VCE type: OLS — Prob > F = 0.0000

| w1BUN | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 1.621922 | .7803825 | 2.08 | 0.039 | .0815004 | 3.162343 |
| w1Age | .120304 | .0332121 | 3.62 | 0.000 | .0547456 | .1858625 |
| Race | -2.681019 | .6561205 | -4.09 | 0.000 | -3.976156 | -1.385882 |
| PovStat | .1321351 | .6528042 | 0.20 | 0.840 | -1.156455 | 1.420726 |
| ICV_volM2 | -3.97e-06 | 2.89e-06 | -1.37 | 0.171 | -9.67e-06 | 1.73e-06 |
| _cons | 14.5883 | 4.353831 | 3.35 | 0.001 | 5.994134 | 23.18246 |

172 . mi estimate: reg w1ALP Sex w1Age Race PovStat ICV_volM2 if sample_final==1

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 179
Average RVI = 0.0000
Largest FMI = 0.0000
Complete DF = 173
DF adjustment: Small sample — DF: min = 171.03
avg = 171.03
max = 171.03
Model F test: Equal FMI — F( 5, 171.0) = 2.57
Within VCE type: OLS — Prob > F = 0.0283

| w1ALP | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -7.953623 | 4.172344 | -1.91 | 0.058 | -16.18954 | .2822976 |
| w1Age | .5019803 | .1775699 | 2.83 | 0.005 | .1514696 | .852491 |
| Race | .4177479 | 3.507973 | 0.12 | 0.905 | -6.50675 | 7.342246 |
| PovStat | .0350921 | 3.490242 | 0.01 | 0.992 | -6.854406 | 6.92459 |
| ICV_volM2 | 9.07e-06 | .0000154 | 0.59 | 0.558 | -.0000214 | .0000395 |
| _cons | 49.96152 | 23.27793 | 2.15 | 0.033 | 4.012493 | 95.91054 |

```
173 . mi estimate: reg w1UricAcid Sex w1Age Race PovStat ICV_volM2 if sample_final==1

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =        179
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =        173
DF adjustment:   Small sample                   DF:     min       =     171.03
                                                        avg       =     171.03
                                                        max       =     171.03
Model F test:       Equal FMI                   F(   5,  171.0)   =      10.37
Within VCE type:          OLS                   Prob > F          =     0.0000

------------------------------------------------------------------------------
  w1UricAcid | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
         Sex |   1.568648   .2656938     5.90   0.000     1.044187     2.09311
       w1Age |   .0366835   .0113076     3.24   0.001     .0143631     .059004
        Race |  -.0655055   .2233868    -0.29   0.770    -.5064558    .3754448
     PovStat |   .0955036   .2222577     0.43   0.668    -.3432178    .5342251
   ICV_volM2 |  -2.42e-06   9.83e-07    -2.46   0.015    -4.36e-06   -4.78e-07
       _cons |   4.680928   1.482332     3.16   0.002     1.754906    7.606951
------------------------------------------------------------------------------

174 . mi estimate: reg w1Albumin Sex w1Age Race PovStat ICV_volM2 if sample_final==1

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =        179
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
                                                Complete DF       =        173
DF adjustment:   Small sample                   DF:     min       =     171.03
                                                        avg       =     171.03
                                                        max       =     171.03
Model F test:       Equal FMI                   F(   5,  171.0)   =       2.89
Within VCE type:          OLS                   Prob > F          =     0.0156

------------------------------------------------------------------------------
   w1Albumin | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
         Sex |   .1453756   .0532219     2.73   0.007     .0403193    .2504319
       w1Age |  -.0033939   .0022651    -1.50   0.136     -.007865    .0010772
        Race |  -.0596515   .0447472    -1.33   0.184    -.1479794    .0286765
     PovStat |  -.0182643   .0445211    -0.41   0.682    -.1061458    .0696172
   ICV_volM2 |  -7.71e-08   1.97e-07    -0.39   0.696    -4.66e-07    3.12e-07
       _cons |   4.505111   .2969301    15.17   0.000     3.918992    5.091231
------------------------------------------------------------------------------

175 . mi estimate: reg w1EosinPct Sex w1Age Race PovStat ICV_volM2 if sample_final==1

Multiple-imputation estimates                   Imputations       =          5
Linear regression                               Number of obs     =        179
                                                Average RVI       =     0.0039
                                                Largest FMI       =     0.0094
                                                Complete DF       =        173
DF adjustment:   Small sample                   DF:     min       =     168.88
                                                        avg       =     170.19
                                                        max       =     170.87
Model F test:       Equal FMI                   F(   5,  171.0)   =       1.58
Within VCE type:          OLS                   Prob > F          =     0.1687
```

| w1EosinPct | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | .5941486 | .3972116 | 1.50 | 0.137 | -.189925 | 1.378222 |
| w1Age | -.0089755 | .0169115 | -0.53 | 0.596 | -.0423582 | .0244071 |
| Race | -.7468362 | .3347714 | -2.23 | 0.027 | -1.407686 | -.0859866 |
| PovStat | .098166 | .3328566 | 0.29 | 0.768 | -.5588945 | .7552265 |
| ICV_volM2 | -5.54e-07 | 1.47e-06 | -0.38 | 0.707 | -3.46e-06 | 2.35e-06 |
| _cons | 3.986248 | 2.225236 | 1.79 | 0.075 | -.4066131 | 8.379109 |

176 . mi estimate: reg w1TotalD Sex w1Age Race PovStat ICV_volM2 if sample_final==1

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 179
Average RVI = 0.1857
Largest FMI = 0.1816
Complete DF = 173
DF adjustment: Small sample — DF: min = 70.84
avg = 102.85
max = 128.86
Model F test: Equal FMI — F( 5, 122.6) = 12.30
Within VCE type: OLS — Prob > F = 0.0000

| w1TotalD | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -.2056748 | 2.043555 | -0.10 | 0.920 | -4.280569 | 3.869219 |
| w1Age | .0964923 | .0861895 | 1.12 | 0.266 | -.0750879 | .2680724 |
| Race | -10.04603 | 1.667311 | -6.03 | 0.000 | -13.35407 | -6.737995 |
| PovStat | -2.9669 | 1.623764 | -1.83 | 0.070 | -6.180035 | .2462354 |
| ICV_volM2 | 5.98e-06 | 7.17e-06 | 0.83 | 0.406 | -8.21e-06 | .0000202 |
| _cons | 28.10802 | 10.94867 | 2.57 | 0.012 | 6.415564 | 49.80048 |

177 . mi estimate: reg w1currdrugs Sex w1Age Race PovStat ICV_volM2 if sample_final==1

Multiple-imputation estimates — Imputations = 5
Linear regression — Number of obs = 179
Average RVI = 0.0825
Largest FMI = 0.1311
Complete DF = 173
DF adjustment: Small sample — DF: min = 95.59
avg = 130.89
max = 169.29
Model F test: Equal FMI — F( 5, 157.3) = 1.42
Within VCE type: OLS — Prob > F = 0.2191

| w1currdrugs | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -.0213375 | .0842258 | -0.25 | 0.800 | -.1879899 | .1453149 |
| w1Age | -.0036438 | .0036785 | -0.99 | 0.324 | -.010946 | .0036583 |
| Race | .1231361 | .0702451 | 1.75 | 0.082 | -.0157483 | .2620204 |
| PovStat | -.080651 | .0716232 | -1.13 | 0.263 | -.2226411 | .0613391 |
| ICV_volM2 | -1.45e-07 | 3.01e-07 | -0.48 | 0.631 | -7.38e-07 | 4.49e-07 |
| _cons | .5317254 | .4636944 | 1.15 | 0.253 | -.3846783 | 1.448129 |

```
178 . mi estimate: mlogit w1SRH Sex w1Age Race PovStat ICV_volM2 if sample_final==1, baseoutcome(1)

Multiple-imputation estimates                   Imputations       =          5
Multinomial logistic regression                 Number of obs     =        179
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
DF adjustment:   Large sample                   DF:     min       =          .
                                                        avg       =          .
                                                        max       =          .
Model F test:       Equal FMI                   F(  10,      .)   =       0.73
Within VCE type:          OIM                   Prob > F          =     0.6952
```

| w1SRH | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **1** | (base outcome) | | | | | |
| **2** | | | | | | |
| Sex | .1319741 | .5572411 | 0.24 | 0.813 | -.9601984 | 1.224147 |
| w1Age | .0122897 | .0235766 | 0.52 | 0.602 | -.0339196 | .0584989 |
| Race | -.1929017 | .4599261 | -0.42 | 0.675 | -1.09434 | .7085368 |
| PovStat | -.1767396 | .4424391 | -0.40 | 0.690 | -1.043904 | .6904251 |
| ICV_volM2 | 1.05e-06 | 2.11e-06 | 0.50 | 0.618 | -3.09e-06 | 5.19e-06 |
| _cons | -1.113849 | 3.154097 | -0.35 | 0.724 | -7.295766 | 5.068067 |
| **3** | | | | | | |
| Sex | .0535157 | .5497441 | 0.10 | 0.922 | -1.023963 | 1.130994 |
| w1Age | .0090897 | .0232402 | 0.39 | 0.696 | -.0364604 | .0546397 |
| Race | .1701997 | .4560299 | 0.37 | 0.709 | -.7236024 | 1.064002 |
| PovStat | -.6347467 | .4497052 | -1.41 | 0.158 | -1.516153 | .2466594 |
| ICV_volM2 | 2.58e-06 | 2.09e-06 | 1.23 | 0.218 | -1.52e-06 | 6.68e-06 |
| _cons | -2.707633 | 3.112772 | -0.87 | 0.384 | -8.808555 | 3.393289 |

```
179 .
180 .
181 . ****w1BMI w1dxDiabetes w1Glucose w1Creatinine w1USpecGrav w1BUN w1ALP w1UricAcid w1Albumin w1EosinPct w1TotalD w1c
182 .
183 . **Females**
184 .
185 . mi estimate: mean w1BMI if sample_final==1 & Sex==1

Multiple-imputation estimates     Imputations     =          5
Mean estimation                   Number of obs   =         99
                                  Average RVI     =     0.0000
                                  Largest FMI     =     0.0000
                                  Complete DF     =         98
DF adjustment:   Small sample     DF:     min     =      96.06
                                          avg     =      96.06
Within VCE type:     Analytic             max     =      96.06
```

| | Mean | Std. err. | [95% conf. | interval] |
|---|---|---|---|---|
| w1BMI | 30.19504 | .7336787 | 28.73871 | 31.65136 |

```
186 . mi estimate: prop w1dxDiabetes if sample_final==1 & Sex==1

Multiple-imputation estimates     Imputations     =          5
Proportion estimation             Number of obs   =         99
                                  Average RVI     =     0.0000
                                  Largest FMI     =     0.0000
                                  Complete DF     =         98
DF adjustment:   Small sample     DF:     min     =      96.06
                                          avg     =      96.06
Within VCE type:     Analytic             max     =      96.06
```

| | Proportion | Std. err. | Normal [95% conf. | interval] |
|---|---|---|---|---|
| w1dxDiabetes | | | | |
| no | .7878788 | .041087 | .7063224 | .8694351 |
| pre-diabetes | .1111111 | .0315853 | .0484153 | .1738069 |
| diabetes | .1010101 | .030286 | .0408933 | .1611269 |

```
187 . mi estimate: mean w1Glucose if sample_final==1 & Sex==1

Multiple-imputation estimates     Imputations     =          5
Mean estimation                   Number of obs   =         99
                                  Average RVI     =     0.0000
                                  Largest FMI     =     0.0000
                                  Complete DF     =         98
DF adjustment:   Small sample     DF:     min     =      96.06
                                          avg     =      96.06
Within VCE type:     Analytic             max     =      96.06
```

| | Mean | Std. err. | [95% conf. | interval] |
|---|---|---|---|---|
| w1Glucose | 96.50505 | 2.22277 | 92.09292 | 100.9172 |

```
188 . mi estimate: mean w1Creatinine if sample_final==1 & Sex==1

Multiple-imputation estimates     Imputations     =          5
Mean estimation                   Number of obs   =         99
                                  Average RVI     =     0.3948
                                  Largest FMI     =     0.3144
                                  Complete DF     =         98
DF adjustment:   Small sample     DF:     min     =      28.94
                                          avg     =      28.94
Within VCE type:     Analytic             max     =      28.94
```

| | Mean | Std. err. | [95% conf. | interval] |
|---|---|---|---|---|
| w1Creatinine | .7923446 | .0245887 | .7420506 | .8426385 |

```
189 . mi estimate: mean w1USpecGrav if sample_final==1 & Sex==1

    Multiple-imputation estimates     Imputations     =          5
    Mean estimation                   Number of obs   =         99
                                      Average RVI     =     0.0072
                                      Largest FMI     =     0.0077
                                      Complete DF     =         98
    DF adjustment:   Small sample     DF:     min     =      95.25
                                              avg     =      95.25
    Within VCE type:     Analytic             max     =      95.25

------------------------------------------------------------------------------
             |       Mean   Std. err.     [95% conf. interval]
-------------+----------------------------------------------------------------
  w1USpecGrav |   1.018337   .0006228      1.017101    1.019574
------------------------------------------------------------------------------

190 . mi estimate: mean w1BUN if sample_final==1 & Sex==1

    Multiple-imputation estimates     Imputations     =          5
    Mean estimation                   Number of obs   =         99
                                      Average RVI     =     0.0000
                                      Largest FMI     =     0.0000
                                      Complete DF     =         98
    DF adjustment:   Small sample     DF:     min     =      96.06
                                              avg     =      96.06
    Within VCE type:     Analytic             max     =      96.06

------------------------------------------------------------------------------
             |       Mean   Std. err.     [95% conf. interval]
-------------+----------------------------------------------------------------
       w1BUN |   13.33333   .3973734      12.54456    14.12211
------------------------------------------------------------------------------

191 . mi estimate: mean w1ALP if sample_final==1 & Sex==1

    Multiple-imputation estimates     Imputations     =          5
    Mean estimation                   Number of obs   =         99
                                      Average RVI     =     0.0000
                                      Largest FMI     =     0.0000
                                      Complete DF     =         98
    DF adjustment:   Small sample     DF:     min     =      96.06
                                              avg     =      96.06
    Within VCE type:     Analytic             max     =      96.06

------------------------------------------------------------------------------
             |       Mean   Std. err.     [95% conf. interval]
-------------+----------------------------------------------------------------
       w1ALP |   77.86869    2.21684      73.46833    82.26904
------------------------------------------------------------------------------

192 . mi estimate: mean w1UricAcid if sample_final==1 & Sex==1

    Multiple-imputation estimates     Imputations     =          5
    Mean estimation                   Number of obs   =         99
                                      Average RVI     =     0.0000
                                      Largest FMI     =     0.0000
                                      Complete DF     =         98
    DF adjustment:   Small sample     DF:     min     =      96.06
                                              avg     =      96.06
    Within VCE type:     Analytic             max     =      96.06
```

| | Mean | Std. err. | [95% conf. | interval] |
|---|---|---|---|---|
| w1UricAcid | **4.981818** | **.1371318** | **4.709616** | **5.25402** |

```
193 . mi estimate: mean w1Albumin if sample_final==1  & Sex==1

Multiple-imputation estimates     Imputations     =          5
Mean estimation                   Number of obs   =         99
                                  Average RVI     =     0.0000
                                  Largest FMI     =     0.0000
                                  Complete DF     =         98
DF adjustment:   Small sample     DF:     min     =      96.06
                                          avg     =      96.06
Within VCE type:     Analytic             max     =      96.06
```

| | Mean | Std. err. | [95% conf. | interval] |
|---|---|---|---|---|
| w1Albumin | **4.283838** | **.0271928** | **4.229861** | **4.337815** |

```
194 . mi estimate: mean w1EosinPct if sample_final==1 & Sex==1

Multiple-imputation estimates     Imputations     =          5
Mean estimation                   Number of obs   =         99
                                  Average RVI     =     0.0111
                                  Largest FMI     =     0.0116
                                  Complete DF     =         98
DF adjustment:   Small sample     DF:     min     =      94.74
                                          avg     =      94.74
Within VCE type:     Analytic             max     =      94.74
```

| | Mean | Std. err. | [95% conf. | interval] |
|---|---|---|---|---|
| w1EosinPct | **2.542181** | **.209162** | **2.126927** | **2.957435** |

```
195 . mi estimate: mean w1TotalD if sample_final==1 & Sex==1

Multiple-imputation estimates     Imputations     =          5
Mean estimation                   Number of obs   =         99
                                  Average RVI     =     0.1697
                                  Largest FMI     =     0.1567
                                  Complete DF     =         98
DF adjustment:   Small sample     DF:     min     =      57.34
                                          avg     =      57.34
Within VCE type:     Analytic             max     =      57.34
```

| | Mean | Std. err. | [95% conf. | interval] |
|---|---|---|---|---|
| w1TotalD | **21.86358** | **1.250136** | **19.36054** | **24.36661** |

```
196 . mi estimate: prop w1currdrugs if sample_final==1 & Sex==1

    Multiple-imputation estimates     Imputations     =          5
    Proportion estimation             Number of obs   =         99
                                      Average RVI     =     0.0569
                                      Largest FMI     =     0.0566
                                      Complete DF     =         98
    DF adjustment:   Small sample     DF:     min     =      85.28
                                              avg     =      85.28
    Within VCE type:     Analytic             max     =      85.28

------------------------------------------------------------------------------
             |                                                 Normal
             | Proportion   Std. err.     [95% conf. interval]
-------------+----------------------------------------------------------------
 w1currdrugs |
           0 |   .7818182    .042665      .6969927    .8666437
           1 |   .2181818    .042665      .1333563    .3030073
------------------------------------------------------------------------------

197 . mi estimate: prop w1SRH if sample_final==1 & Sex==1

    Multiple-imputation estimates     Imputations     =          5
    Proportion estimation             Number of obs   =         99
                                      Average RVI     =     0.0000
                                      Largest FMI     =     0.0000
                                      Complete DF     =         98
    DF adjustment:   Small sample     DF:     min     =      96.06
                                              avg     =      96.06
    Within VCE type:     Analytic             max     =      96.06

------------------------------------------------------------------------------
             |                                                 Normal
             | Proportion   Std. err.     [95% conf. interval]
-------------+----------------------------------------------------------------
       w1SRH |
           1 |   .2525253    .043665      .1658517    .3391988
           2 |   .3737374   .0486232      .2772218     .470253
           3 |   .3737374   .0486232      .2772218     .470253
------------------------------------------------------------------------------

198 .
199 .
200 .
201 . **Males**
202 .
203 . mi estimate: mean w1BMI if sample_final==1 & Sex==2

    Multiple-imputation estimates     Imputations     =          5
    Mean estimation                   Number of obs   =         80
                                      Average RVI     =     0.0000
                                      Largest FMI     =     0.0000
                                      Complete DF     =         79
    DF adjustment:   Small sample     DF:     min     =      77.07
                                              avg     =      77.07
    Within VCE type:     Analytic             max     =      77.07

------------------------------------------------------------------------------
             |       Mean   Std. err.     [95% conf. interval]
-------------+----------------------------------------------------------------
       w1BMI |   28.27406   .5591513      27.16067    29.38746
------------------------------------------------------------------------------
```

```
204 . mi estimate: prop w1dxDiabetes if sample_final==1 & Sex==2

    Multiple-imputation estimates     Imputations     =          5
    Proportion estimation             Number of obs   =         80
                                      Average RVI     =     0.0447
                                      Largest FMI     =     0.0627
                                      Complete DF     =         79
    DF adjustment:   Small sample     DF:     min     =      68.20
                                              avg     =      71.09
    Within VCE type:     Analytic             max     =      73.73

    ------------------------------------------------------------------------------
                 |                                                    Normal
                 |  Proportion   Std. err.      [95% conf. interval]
    -------------+----------------------------------------------------------------
     w1dxDiabetes|
              no |      .6275   .0552445       .5173544    .7376456
    pre-diabetes |      .2575   .0503852       .1569632    .3580368
        diabetes |       .115   .0361853       .0428949    .1871051
    ------------------------------------------------------------------------------

205 . mi estimate: mean w1Glucose if sample_final==1 & Sex==2

    Multiple-imputation estimates     Imputations     =          5
    Mean estimation                   Number of obs   =         80
                                      Average RVI     =     0.0000
                                      Largest FMI     =     0.0000
                                      Complete DF     =         79
    DF adjustment:   Small sample     DF:     min     =      77.07
                                              avg     =      77.07
    Within VCE type:     Analytic             max     =      77.07

    ------------------------------------------------------------------------------
                 |       Mean   Std. err.      [95% conf. interval]
    -------------+----------------------------------------------------------------
       w1Glucose |   104.0875    3.77459      96.57144    111.6036
    ------------------------------------------------------------------------------

206 . mi estimate: mean w1Creatinine if sample_final==1 & Sex==2

    Multiple-imputation estimates     Imputations     =          5
    Mean estimation                   Number of obs   =         80
                                      Average RVI     =     0.1922
                                      Largest FMI     =     0.1757
                                      Complete DF     =         79
    DF adjustment:   Small sample     DF:     min     =      45.52
                                              avg     =      45.52
    Within VCE type:     Analytic             max     =      45.52

    ------------------------------------------------------------------------------
                 |       Mean   Std. err.      [95% conf. interval]
    -------------+----------------------------------------------------------------
    w1Creatinine |   1.013809    .026143       .961171    1.066448
    ------------------------------------------------------------------------------
```

```
207 . mi estimate: mean w1USpecGrav if sample_final==1 & Sex==2

    Multiple-imputation estimates     Imputations     =          5
    Mean estimation                   Number of obs   =         80
                                      Average RVI     =     0.0128
                                      Largest FMI     =     0.0136
                                      Complete DF     =         79
    DF adjustment:   Small sample     DF:     min     =      75.87
                                              avg     =      75.87
    Within VCE type:     Analytic             max     =      75.87

------------------------------------------------------------------------------
             |       Mean   Std. err.     [95% conf. interval]
-------------+----------------------------------------------------------------
  w1USpecGrav |    1.02047    .000715      1.019045    1.021894
------------------------------------------------------------------------------

208 . mi estimate: mean w1BUN if sample_final==1 & Sex==2

    Multiple-imputation estimates     Imputations     =          5
    Mean estimation                   Number of obs   =         80
                                      Average RVI     =     0.0000
                                      Largest FMI     =     0.0000
                                      Complete DF     =         79
    DF adjustment:   Small sample     DF:     min     =      77.07
                                              avg     =      77.07
    Within VCE type:     Analytic             max     =      77.07

------------------------------------------------------------------------------
             |       Mean   Std. err.     [95% conf. interval]
-------------+----------------------------------------------------------------
        w1BUN |    14.2625   .4976984      13.27147    15.25353
------------------------------------------------------------------------------

209 . mi estimate: mean w1ALP if sample_final==1 & Sex==2

    Multiple-imputation estimates     Imputations     =          5
    Mean estimation                   Number of obs   =         80
                                      Average RVI     =     0.0000
                                      Largest FMI     =     0.0000
                                      Complete DF     =         79
    DF adjustment:   Small sample     DF:     min     =      77.07
                                              avg     =      77.07
    Within VCE type:     Analytic             max     =      77.07

------------------------------------------------------------------------------
             |       Mean   Std. err.     [95% conf. interval]
-------------+----------------------------------------------------------------
        w1ALP |    71.9125    2.15008      67.63121    76.19379
------------------------------------------------------------------------------

210 . mi estimate: mean w1UricAcid if sample_final==1 & Sex==2

    Multiple-imputation estimates     Imputations     =          5
    Mean estimation                   Number of obs   =         80
                                      Average RVI     =     0.0000
                                      Largest FMI     =     0.0000
                                      Complete DF     =         79
    DF adjustment:   Small sample     DF:     min     =      77.07
                                              avg     =      77.07
    Within VCE type:     Analytic             max     =      77.07
```

| | Mean | Std. err. | [95% conf. | interval] |
|---|---|---|---|---|
| w1UricAcid | **6.1325** | **.1509021** | **5.83202** | **6.43298** |

```
211 . mi estimate: mean w1Albumin if sample_final==1  & Sex==2

Multiple-imputation estimates     Imputations     =          5
Mean estimation                   Number of obs   =         80
                                  Average RVI     =     0.0000
                                  Largest FMI     =     0.0000
                                  Complete DF     =         79
DF adjustment:   Small sample     DF:     min     =      77.07
                                          avg     =      77.07
Within VCE type:     Analytic             max     =      77.07
```

| | Mean | Std. err. | [95% conf. | interval] |
|---|---|---|---|---|
| w1Albumin | **4.41375** | **.028** | **4.357996** | **4.469504** |

```
212 . mi estimate: mean w1EosinPct if sample_final==1 & Sex==2

Multiple-imputation estimates     Imputations     =          5
Mean estimation                   Number of obs   =         80
                                  Average RVI     =     0.0000
                                  Largest FMI     =     0.0000
                                  Complete DF     =         79
DF adjustment:   Small sample     DF:     min     =      77.07
                                          avg     =      77.07
Within VCE type:     Analytic             max     =      77.07
```

| | Mean | Std. err. | [95% conf. | interval] |
|---|---|---|---|---|
| w1EosinPct | **3.00375** | **.2037422** | **2.598054** | **3.409446** |

```
213 . mi estimate: mean w1TotalD if sample_final==1 & Sex==2

Multiple-imputation estimates     Imputations     =          5
Mean estimation                   Number of obs   =         80
                                  Average RVI     =     0.2487
                                  Largest FMI     =     0.2189
                                  Complete DF     =         79
DF adjustment:   Small sample     DF:     min     =      38.29
                                          avg     =      38.29
Within VCE type:     Analytic             max     =      38.29
```

| | Mean | Std. err. | [95% conf. | interval] |
|---|---|---|---|---|
| w1TotalD | **22.9264** | **1.244338** | **20.408** | **25.44481** |

```
214 . mi estimate: prop w1currdrugs if sample_final==1 & Sex==2

Multiple-imputation estimates     Imputations     =          5
Proportion estimation             Number of obs   =         80
                                  Average RVI     =     0.1323
                                  Largest FMI     =     0.1258
                                  Complete DF     =         79
DF adjustment:   Small sample     DF:     min     =      55.24
                                          avg     =      55.24
Within VCE type:     Analytic             max     =      55.24
```

| | Proportion | Std. err. | Normal [95% conf. | interval] |
|---|---|---|---|---|
| w1currdrugs | | | | |
| 0 | .82 | .0456806 | .728463 | .911537 |
| 1 | .18 | .0456806 | .088463 | .271537 |

```
215 . mi estimate: prop w1SRH if sample_final==1 & Sex==2

Multiple-imputation estimates     Imputations     =          5
Proportion estimation             Number of obs   =         80
                                  Average RVI     =     0.0000
                                  Largest FMI     =     0.0000
                                  Complete DF     =         79
DF adjustment:   Small sample     DF:     min     =      77.07
                                          avg     =      77.07
Within VCE type:     Analytic             max     =      77.07
```

| | Proportion | Std. err. | Normal [95% conf. | interval] |
|---|---|---|---|---|
| w1SRH | | | | |
| 1 | .175 | .0424816 | .0904096 | .2595904 |
| 2 | .3625 | .0537464 | .2554789 | .4695211 |
| 3 | .4625 | .0557443 | .3515007 | .5734993 |

```
216 .
217 .
218 .
219 .
220 . use HANDLS_paper51_NFLBRAINSCANFINALIZED,clear

221 .
222 .
223 . ttest LnNFLw1 if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 1.973265 | .0505328 | .5027945 | 1.872985 | 2.073546 |
| Men | 80 | 2.058605 | .0622427 | .5567154 | 1.934715 | 2.182496 |
| Combined | 179 | 2.011406 | .0394478 | .5277763 | 1.93356 | 2.089252 |
| diff | | -.0853403 | .0793088 | | -.2418528 | .0711722 |

```
    diff = mean(Women) - mean(Men)                                t =  -1.0761
H0: diff = 0                                     Degrees of freedom =      177
```

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
Pr(T < t) = **0.1417** Pr(|T| > |t|) = **0.2834** Pr(T > t) = **0.8583**

224 . ttest LnNFLw3 if sample_final==1, by(Sex)

Two-sample t test with equal variances

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | **99** | **2.151156** | **.0540112** | **.5374049** | **2.043972** | **2.258339** |
| Men | **80** | **2.297677** | **.0692538** | **.6194248** | **2.159831** | **2.435524** |
| Combined | **179** | **2.21664** | **.043237** | **.5784713** | **2.131317** | **2.301963** |
| diff | | **-.1465219** | **.0865124** | | **-.3172504** | **.0242066** |

diff = mean(**Women**) - mean(**Men**) t = **-1.6937**
H0: diff = 0 Degrees of freedom = **177**

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
Pr(T < t) = **0.0460** Pr(|T| > |t|) = **0.0921** Pr(T > t) = **0.9540**

225 . ttest bayes1LnNFL if sample_final==1, by(Sex)

Two-sample t test with equal variances

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | **99** | **.0329104** | **.0057017** | **.0567308** | **.0215956** | **.0442251** |
| Men | **80** | **.0441347** | **.0102413** | **.0916011** | **.0237498** | **.0645195** |
| Combined | **179** | **.0379268** | **.0055568** | **.0743453** | **.0269611** | **.0488926** |
| diff | | **-.0112243** | **.0111765** | | **-.0332807** | **.0108321** |

diff = mean(**Women**) - mean(**Men**) t = **-1.0043**
H0: diff = 0 Degrees of freedom = **177**

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
Pr(T < t) = **0.1583** Pr(|T| > |t|) = **0.3166** Pr(T > t) = **0.8417**

226 . ttest deltaLnNFL if sample_final==1, by(Sex)

Two-sample t test with equal variances

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | **99** | **.0416288** | **.0093087** | **.0926207** | **.023156** | **.0601017** |
| Men | **80** | **.0478038** | **.0151001** | **.1350593** | **.0177478** | **.0778598** |
| Combined | **179** | **.0443886** | **.0084656** | **.1132619** | **.0276828** | **.0610944** |
| diff | | **-.006175** | **.0170691** | | **-.0398601** | **.0275102** |

diff = mean(**Women**) - mean(**Men**) t = **-0.3618**
H0: diff = 0 Degrees of freedom = **177**

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
Pr(T < t) = **0.3590** Pr(|T| > |t|) = **0.7180** Pr(T > t) = **0.6410**

```
227 .
228 . tab NFLw1w3trackhigh Sex if sample_final==1, row col chi
```

| Key |
|---|
| *frequency*<br>*row percentage*<br>*column percentage* |

| NFLw1w3tra ckhigh | Sex Women | Men | Total |
|---|---|---|---|
| 0 | **64** | **50** | **114** |
| | **56.14** | **43.86** | **100.00** |
| | **64.65** | **62.50** | **63.69** |
| 1 | **35** | **30** | **65** |
| | **53.85** | **46.15** | **100.00** |
| | **35.35** | **37.50** | **36.31** |
| Total | **99** | **80** | **179** |
| | **55.31** | **44.69** | **100.00** |
| | **100.00** | **100.00** | **100.00** |

Pearson chi2(**1**) = **0.0881** Pr = **0.767**

```
229 . tab NFLw1w3tracklow Sex if sample_final==1, row col chi
```

| Key |
|---|
| *frequency*<br>*row percentage*<br>*column percentage* |

| NFLw1w3tra cklow | Sex Women | Men | Total |
|---|---|---|---|
| 0 | **62** | **52** | **114** |
| | **54.39** | **45.61** | **100.00** |
| | **62.63** | **65.00** | **63.69** |
| 1 | **37** | **28** | **65** |
| | **56.92** | **43.08** | **100.00** |
| | **37.37** | **35.00** | **36.31** |
| Total | **99** | **80** | **179** |
| | **55.31** | **44.69** | **100.00** |
| | **100.00** | **100.00** | **100.00** |

Pearson chi2(**1**) = **0.1078** Pr = **0.743**

```
230 .
231 . mlogit NFLw1w3trackhigh Sex w1Age Race PovStat ICV_volM2 if sample_final==1, baseoutcome(0)

Iteration 0:   log likelihood = -117.28026
Iteration 1:   log likelihood = -95.300324
Iteration 2:   log likelihood = -94.541604
Iteration 3:   log likelihood = -94.540086
Iteration 4:   log likelihood = -94.540086

Multinomial logistic regression                       Number of obs =    179
                                                      LR chi2(5)    =  45.48
                                                      Prob > chi2   = 0.0000
Log likelihood = -94.540086                           Pseudo R2     = 0.1939

------------------------------------------------------------------------------
NFLw1w3tra~h | Coefficient  Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
0            |  (base outcome)
-------------+----------------------------------------------------------------
1            |
         Sex |   .0899295   .4770255     0.19   0.850    -.8450233    1.024882
       w1Age |   .1192448   .0237218     5.03   0.000     .0727509    .1657386
        Race |  -.6954387   .4138944    -1.68   0.093    -1.506657    .1157794
     PovStat |  -.5171644   .4208231    -1.23   0.219    -1.341962    .3076337
   ICV_volM2 |  -4.97e-07   1.73e-06    -0.29   0.774    -3.89e-06    2.90e-06
       _cons |  -4.274295   2.674984    -1.60   0.110    -9.517168    .9685781
------------------------------------------------------------------------------

232 . mlogit NFLw1w3tracklow Sex w1Age Race PovStat ICV_volM2 if sample_final==1, baseoutcome(0)

Iteration 0:   log likelihood = -117.28026
Iteration 1:   log likelihood = -99.924661
Iteration 2:   log likelihood = -99.687707
Iteration 3:   log likelihood =  -99.68752
Iteration 4:   log likelihood =  -99.68752

Multinomial logistic regression                       Number of obs =    179
                                                      LR chi2(5)    =  35.19
                                                      Prob > chi2   = 0.0000
Log likelihood = -99.68752                            Pseudo R2     = 0.1500

------------------------------------------------------------------------------
NFLw1w3tra~w | Coefficient  Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
0            |  (base outcome)
-------------+----------------------------------------------------------------
1            |
         Sex |  -.0386028   .4733295    -0.08   0.935    -.9663115     .889106
       w1Age |  -.1036043   .0216211    -4.79   0.000    -.1459809   -.0612278
        Race |   .4663476   .3905728     1.19   0.232    -.2991611    1.231856
     PovStat |   .1091363   .3781298     0.29   0.773    -.6319845    .8502571
   ICV_volM2 |   1.61e-07   1.76e-06     0.09   0.927    -3.29e-06    3.61e-06
       _cons |   3.305229    2.63507     1.25   0.210    -1.859414    8.469871
------------------------------------------------------------------------------
```

```
233 .
234 .
235 . **Median/IQR by Sex**
236 .
237 . su LnNFLw1 if sample_final==1 & Sex==1, det
```

LnNFLw1

| Percentiles | | Smallest | | |
|---|---|---|---|---|
| 1% | .7098107 | .7098107 | | |
| 5% | 1.070888 | .7859286 | | |
| 10% | 1.356731 | .9616931 | Obs | 99 |
| 25% | 1.620144 | 1.031309 | Sum of wgt. | 99 |
| 50% | 1.96983 | | Mean | 1.973265 |
| | | Largest | Std. dev. | .5027945 |
| 75% | 2.272199 | 2.810042 | | |
| 90% | 2.605499 | 2.873571 | Variance | .2528023 |
| 95% | 2.793289 | 2.992629 | Skewness | -.0475427 |
| 99% | 3.422423 | 3.422423 | Kurtosis | 3.074191 |

```
238 . su LnNFLw1 if sample_final==1 & Sex==2, det
```

LnNFLw1

| Percentiles | | Smallest | | |
|---|---|---|---|---|
| 1% | .6022635 | .6022635 | | |
| 5% | 1.340704 | 1.229035 | | |
| 10% | 1.472703 | 1.261245 | Obs | 80 |
| 25% | 1.738198 | 1.320023 | Sum of wgt. | 80 |
| 50% | 1.976598 | | Mean | 2.058605 |
| | | Largest | Std. dev. | .5567154 |
| 75% | 2.248387 | 3.092389 | | |
| 90% | 2.690314 | 3.673317 | Variance | .3099321 |
| 95% | 3.015571 | 3.739766 | Skewness | 1.249511 |
| 99% | 4.286799 | 4.286799 | Kurtosis | 6.565662 |

```
239 .
240 . su LnNFLw3 if sample_final==1 & Sex==1, det
```

LnNFLw3

| Percentiles | | Smallest | | |
|---|---|---|---|---|
| 1% | 1.053142 | 1.053142 | | |
| 5% | 1.300655 | 1.094554 | | |
| 10% | 1.432521 | 1.136606 | Obs | 99 |
| 25% | 1.783647 | 1.255663 | Sum of wgt. | 99 |
| 50% | 2.12491 | | Mean | 2.151156 |
| | | Largest | Std. dev. | .5374049 |
| 75% | 2.554061 | 3.041643 | | |
| 90% | 2.771937 | 3.212414 | Variance | .288804 |
| 95% | 2.999341 | 3.463479 | Skewness | .5439343 |
| 99% | 4.2382 | 4.2382 | Kurtosis | 4.298552 |

```
241 . su LnNFLw3 if sample_final==1 & Sex==2, det

                          LnNFLw3
-------------------------------------------------------------
      Percentiles      Smallest
 1%     1.134186       1.134186
 5%     1.521035       1.366341
10%     1.696829       1.407717       Obs                  80
25%     1.943919       1.437115       Sum of wgt.          80

50%     2.188364                      Mean           2.297677
                       Largest       Std. dev.      .6194248
75%     2.564826       3.405375
90%       3.1115       3.523666       Variance       .3836871
95%     3.384515       3.591589       Skewness       1.764266
99%     5.371432       5.371432       Kurtosis       9.209185

242 .
243 .
244 . su bayes1LnNFL if sample_final==1 & Sex==1, det

                     (mean) bayes1LnNFL
-------------------------------------------------------------
      Percentiles      Smallest
 1%    -.0860051      -.0860051
 5%    -.0595876       -.084728
10%    -.0391763      -.0803389       Obs                  99
25%    -.0059285      -.0705693       Sum of wgt.          99

50%     .0335682                      Mean           .0329104
                       Largest       Std. dev.      .0567308
75%      .064121       .1179402
90%     .0900463       .1189432       Variance       .0032184
95%     .1127867       .1364969       Skewness        1.16866
99%     .3295927       .3295927       Kurtosis       9.163153

245 . su bayes1LnNFL if sample_final==1 & Sex==2, det

                     (mean) bayes1LnNFL
-------------------------------------------------------------
      Percentiles      Smallest
 1%    -.3087366      -.3087366
 5%    -.0511341       -.095264
10%    -.0264192      -.0914577       Obs                  80
25%     .0102448      -.0525879       Sum of wgt.          80

50%     .0344259                      Mean           .0441347
                       Largest       Std. dev.      .0916011
75%     .0662222       .2088654
90%     .1123919       .2464103       Variance       .0083908
95%     .2063807       .2847928       Skewness       1.452094
99%     .5216877       .5216877       Kurtosis       13.69329
```

```
246 .
247 .
248 . su deltaLnNFL if sample_final==1 & Sex==1, det
```

deltaLnNFL

| Percentiles | | Smallest | | |
|---|---|---|---|---|
| 1% | -.1839202 | -.1839202 | | |
| 5% | -.1135803 | -.1435545 | | |
| 10% | -.0706888 | -.1223966 | Obs | 99 |
| 25% | -.0127374 | -.116494 | Sum of wgt. | 99 |
| 50% | .0427792 | | Mean | .0416288 |
| | | Largest | Std. dev. | .0926207 |
| 75% | .0924338 | .2228006 | | |
| 90% | .1201066 | .2554303 | Variance | .0085786 |
| 95% | .1905837 | .2867394 | Skewness | .7777927 |
| 99% | .4469894 | .4469894 | Kurtosis | 6.124942 |

```
249 . su deltaLnNFL if sample_final==1 & Sex==2, det
```

deltaLnNFL

| Percentiles | | Smallest | | |
|---|---|---|---|---|
| 1% | -.4373254 | -.4373254 | | |
| 5% | -.1348407 | -.4083219 | | |
| 10% | -.0500483 | -.1746917 | Obs | 80 |
| 25% | .0007268 | -.1483596 | Sum of wgt. | 80 |
| 50% | .0434306 | | Mean | .0478038 |
| | | Largest | Std. dev. | .1350593 |
| 75% | .0904033 | .2896849 | | |
| 90% | .1482078 | .3208535 | Variance | .018241 |
| 95% | .2785612 | .3901258 | Skewness | .3310687 |
| 99% | .6446922 | .6446922 | Kurtosis | 9.911302 |

```
250 .
251 . tab1 NFLw1w3trackhigh NFLw1w3tracklow if sample_final==1
```

**-> tabulation of NFLw1w3trackhigh if sample_final==1**

| NFLw1w3trackhigh | Freq. | Percent | Cum. |
|---|---|---|---|
| 0 | 114 | 63.69 | 63.69 |
| 1 | 65 | 36.31 | 100.00 |
| Total | 179 | 100.00 | |

**-> tabulation of NFLw1w3tracklow if sample_final==1**

| NFLw1w3tracklow | Freq. | Percent | Cum. |
|---|---|---|---|
| 0 | 114 | 63.69 | 63.69 |
| 1 | 65 | 36.31 | 100.00 |
| Total | 179 | 100.00 | |

```
252 . tab1 NFLw1w3trackhigh NFLw1w3tracklow if sample_final==1 & Sex==1
```

**-> tabulation of NFLw1w3trackhigh if sample_final==1 & Sex==1**

| NFLw1w3trackhigh | Freq. | Percent | Cum. |
|---|---|---|---|
| 0 | 64 | 64.65 | 64.65 |
| 1 | 35 | 35.35 | 100.00 |
| Total | 99 | 100.00 | |

**-> tabulation of NFLw1w3tracklow if sample_final==1 & Sex==1**

| NFLw1w3tracklow | Freq. | Percent | Cum. |
|---|---|---|---|
| 0 | 62 | 62.63 | 62.63 |
| 1 | 37 | 37.37 | 100.00 |
| Total | 99 | 100.00 | |

```
253 . tab1 NFLw1w3trackhigh NFLw1w3tracklow if sample_final==1 & Sex==2
```

**-> tabulation of NFLw1w3trackhigh if sample_final==1 & Sex==2**

| NFLw1w3trackhigh | Freq. | Percent | Cum. |
|---|---|---|---|
| 0 | 50 | 62.50 | 62.50 |
| 1 | 30 | 37.50 | 100.00 |
| Total | 80 | 100.00 | |

**-> tabulation of NFLw1w3tracklow if sample_final==1 & Sex==2**

| NFLw1w3tracklow | Freq. | Percent | Cum. |
|---|---|---|---|
| 0 | 52 | 65.00 | 65.00 |
| 1 | 28 | 35.00 | 100.00 |
| Total | 80 | 100.00 | |

```
254 .
255 .
256 . ttest TOTALBRAIN  if sample_final==1, by(Sex)
```

Two-sample t test with equal variances

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 1082462 | 8173.034 | 81320.66 | 1066243 | 1098681 |
| Men | 80 | 1217666 | 12741.46 | 113963.1 | 1192305 | 1243027 |
| Combined | 179 | 1142888 | 8827.642 | 118105.8 | 1125468 | 1160308 |
| diff | | -135204.2 | 14620.68 | | -164057.5 | -106350.9 |

diff = mean(**Women**) - mean(**Men**) t = **-9.2475**
H0: diff = 0 Degrees of freedom = **177**

Ha: diff < 0 Ha: diff != 0 Ha: diff > 0
Pr(T < t) = **0.0000** Pr(|T| > |t|) = **0.0000** Pr(T > t) = **1.0000**

```
257 . ttest GM  if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 611598.7 | 4793.9 | 47698.7 | 602085.4 | 621112.1 |
| Men | 80 | 680543.8 | 7159.56 | 64037.05 | 666293 | 694794.5 |
| Combined | 179 | 642412.2 | 4875.076 | 65224.07 | 632791.8 | 652032.5 |
| diff | | -68945.04 | 8356.823 | | -85436.87 | -52453.2 |

```
    diff = mean(Women) - mean(Men)                                t =  -8.2501
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000

258 . ttest WM  if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 432087.2 | 3778.778 | 37598.36 | 424588.3 | 439586 |
| Men | 80 | 488427.1 | 5882.061 | 52610.76 | 476719.1 | 500135 |
| Combined | 179 | 457267 | 3952.055 | 52874.89 | 449468.1 | 465065.9 |
| diff | | -56339.9 | 6753.563 | | -69667.77 | -43012.03 |

```
    diff = mean(Women) - mean(Men)                                t =  -8.3422
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000

259 .
260 .
261 . ttest FRONTAL_GM_L_volM2   if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 89162.81 | 802.6892 | 7986.657 | 87569.9 | 90755.72 |
| Men | 80 | 98228.04 | 1145.117 | 10242.24 | 95948.74 | 100507.3 |
| Combined | 179 | 93214.31 | 755.2574 | 10104.65 | 91723.9 | 94704.72 |
| diff | | -9065.229 | 1362.501 | | -11754.07 | -6376.393 |

```
    diff = mean(Women) - mean(Men)                                t =  -6.6534
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000
```

```
262 . ttest FRONTAL_WM_L_volM2   if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 80697.6 | 759.6595 | 7558.517 | 79190.08 | 82205.12 |
| Men | 80 | 91053.26 | 1170.778 | 10471.76 | 88722.88 | 93383.63 |
| Combined | 179 | 85325.83 | 772.3552 | 10333.41 | 83801.68 | 86849.98 |
| diff | | -10355.66 | 1349.475 | | -13018.79 | -7692.526 |

```
    diff = mean(Women) - mean(Men)                                t =  -7.6738
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000

263 . ttest TEMPORAL_GM_L_volM2   if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 47233.08 | 426.8534 | 4247.138 | 46386 | 48080.16 |
| Men | 80 | 54071.55 | 674.4106 | 6032.112 | 52729.17 | 55413.93 |
| Combined | 179 | 50289.38 | 458.9552 | 6140.402 | 49383.69 | 51195.07 |
| diff | | -6838.472 | 769.9141 | | -8357.864 | -5319.08 |

```
    diff = mean(Women) - mean(Men)                                t =  -8.8821
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000

264 . ttest TEMPORAL_WM_L_volM2   if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 46476.74 | 431.3965 | 4292.341 | 45620.65 | 47332.83 |
| Men | 80 | 52942.52 | 689.2281 | 6164.644 | 51570.64 | 54314.39 |
| Combined | 179 | 49366.47 | 457.1099 | 6115.713 | 48464.42 | 50268.52 |
| diff | | -6465.776 | 783.5203 | | -8012.02 | -4919.533 |

```
    diff = mean(Women) - mean(Men)                                t =  -8.2522
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000
```

```
265 . ttest PARIETAL_GM_L_volM2  if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 44207.66 | 466.0579 | 4637.218 | 43282.78 | 45132.54 |
| Men | 80 | 48551.51 | 664.1925 | 5940.718 | 47229.46 | 49873.55 |
| Combined | 179 | 46149.05 | 424.0851 | 5673.872 | 45312.16 | 46985.93 |
| diff | | -4343.845 | 790.6305 | | -5904.121 | -2783.57 |

```
    diff = mean(Women) - mean(Men)                                t =  -5.4942
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000

266 . ttest PARIETAL_WM_L_volM2  if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 41365.31 | 419.3909 | 4172.887 | 40533.04 | 42197.58 |
| Men | 80 | 47030.42 | 625.9139 | 5598.344 | 45784.57 | 48276.27 |
| Combined | 179 | 43897.2 | 419.3266 | 5610.207 | 43069.71 | 44724.69 |
| diff | | -5665.107 | 730.7899 | | -7107.289 | -4222.924 |

```
    diff = mean(Women) - mean(Men)                                t =  -7.7520
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000

267 . ttest OCCIPITAL_GM_L_volM2  if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 36164.3 | 437.3381 | 4351.459 | 35296.42 | 37032.19 |
| Men | 80 | 40439.61 | 588.4529 | 5263.283 | 39268.33 | 41610.9 |
| Combined | 179 | 38075.06 | 390.2673 | 5221.42 | 37304.91 | 38845.2 |
| diff | | -4275.307 | 718.6034 | | -5693.441 | -2857.174 |

```
    diff = mean(Women) - mean(Men)                                t =  -5.9495
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000
```

```
268 . ttest OCCIPITAL_WM_L_volM2   if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 19757.37 | 232.2228 | 2310.588 | 19296.53 | 20218.21 |
| Men | 80 | 22600.34 | 327.0402 | 2925.137 | 21949.38 | 23251.29 |
| Combined | 179 | 21027.97 | 221.0429 | 2957.353 | 20591.77 | 21464.17 |
| diff | | -2842.966 | 391.3057 | | -3615.191 | -2070.741 |

```
    diff = mean(Women) - mean(Men)                                t =  -7.2653
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000

269 . ttest FRONTAL_GM_R_volM2   if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 88900.51 | 789.7673 | 7858.086 | 87333.24 | 90467.78 |
| Men | 80 | 98744.46 | 1166.796 | 10436.14 | 96422.01 | 101066.9 |
| Combined | 179 | 93300.04 | 771.0626 | 10316.11 | 91778.44 | 94821.64 |
| diff | | -9843.952 | 1367.977 | | -12543.6 | -7144.308 |

```
    diff = mean(Women) - mean(Men)                                t =  -7.1960
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000

270 . ttest FRONTAL_WM_R_volM2   if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 82820.15 | 783.3301 | 7794.036 | 81265.65 | 84374.64 |
| Men | 80 | 93407.58 | 1220.569 | 10917.1 | 90978.1 | 95837.06 |
| Combined | 179 | 87551.96 | 798.7567 | 10686.64 | 85975.71 | 89128.21 |
| diff | | -10587.44 | 1400.862 | | -13351.98 | -7822.895 |

```
    diff = mean(Women) - mean(Men)                                t =  -7.5578
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000
```

```
271 . ttest TEMPORAL_GM_R_volM2   if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 48266.01 | 438.2674 | 4360.705 | 47396.29 | 49135.74 |
| Men | 80 | 54877.59 | 644.2829 | 5762.641 | 53595.18 | 56160.01 |
| Combined | 179 | 51220.91 | 448.919 | 6006.127 | 50335.02 | 52106.8 |
| diff | | -6611.579 | 756.9275 | | -8105.343 | -5117.815 |

```
    diff = mean(Women) - mean(Men)                                t =  -8.7348
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000

272 . ttest TEMPORAL_WM_R_volM2   if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 47041.89 | 429.1021 | 4269.512 | 46190.35 | 47893.43 |
| Men | 80 | 53465.88 | 678.7737 | 6071.137 | 52114.82 | 54816.95 |
| Combined | 179 | 49912.95 | 452.508 | 6054.144 | 49019.98 | 50805.92 |
| diff | | -6423.99 | 774.5429 | | -7952.517 | -4895.463 |

```
    diff = mean(Women) - mean(Men)                                t =  -8.2939
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000

273 . ttest PARIETAL_GM_R_volM2   if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 44654.03 | 469.9291 | 4675.736 | 43721.47 | 45586.58 |
| Men | 80 | 49394.67 | 659.9485 | 5902.759 | 48081.08 | 50708.27 |
| Combined | 179 | 46772.75 | 429.9333 | 5752.116 | 45924.33 | 47621.17 |
| diff | | -4740.647 | 790.6013 | | -6300.865 | -3180.429 |

```
    diff = mean(Women) - mean(Men)                                t =  -5.9963
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000
```

```
274 . ttest PARIETAL_WM_R_volM2  if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 39211.77 | 407.0315 | 4049.912 | 38404.03 | 40019.51 |
| Men | 80 | 44743.22 | 607.1849 | 5430.827 | 43534.65 | 45951.79 |
| Combined | 179 | 41683.93 | 407.5112 | 5452.129 | 40879.75 | 42488.1 |
| diff | | -5531.446 | 709.0577 | | -6930.741 | -4132.151 |

```
    diff = mean(Women) - mean(Men)                                t =  -7.8011
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000

275 . ttest OCCIPITAL_GM_R_volM2  if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 36957.9 | 409.3362 | 4072.843 | 36145.59 | 37770.22 |
| Men | 80 | 42277.64 | 605.4469 | 5415.282 | 41072.52 | 43482.75 |
| Combined | 179 | 39335.44 | 403.7698 | 5402.071 | 38538.65 | 40132.23 |
| diff | | -5319.733 | 709.5019 | | -6719.904 | -3919.561 |

```
    diff = mean(Women) - mean(Men)                                t =  -7.4978
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000

276 . ttest OCCIPITAL_WM_R_volM2  if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 19512.09 | 235.7307 | 2345.491 | 19044.29 | 19979.89 |
| Men | 80 | 22429.37 | 311.5457 | 2786.55 | 21809.25 | 23049.48 |
| Combined | 179 | 20815.9 | 219.0699 | 2930.956 | 20383.59 | 21248.21 |
| diff | | -2917.281 | 383.6259 | | -3674.35 | -2160.211 |

```
    diff = mean(Women) - mean(Men)                                t =  -7.6045
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000
```

```
277 .
278 . ttest Left_Hippocampus  if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 3414.679 | 29.70436 | 295.5547 | 3355.732 | 3473.626 |
| Men | 80 | 3688.2 | 48.06268 | 429.8856 | 3592.534 | 3783.867 |
| Combined | 179 | 3536.923 | 28.82313 | 385.6272 | 3480.044 | 3593.802 |
| diff | | -273.5213 | 54.38078 | | -380.8394 | -166.2031 |

```
    diff = mean(Women) - mean(Men)                                t =  -5.0297
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000

279 . ttest Right_Hippocampus  if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 3706.424 | 33.79286 | 336.2347 | 3639.364 | 3773.485 |
| Men | 80 | 3977.88 | 50.42785 | 451.0404 | 3877.506 | 4078.254 |
| Combined | 179 | 3827.745 | 30.89445 | 413.3396 | 3766.779 | 3888.712 |
| diff | | -271.4558 | 58.88014 | | -387.6532 | -155.2583 |

```
    diff = mean(Women) - mean(Men)                                t =  -4.6103
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000

280 .
281 . ttest LnLesion_Volume  if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 5.300301 | .4406606 | 4.384518 | 4.425824 | 6.174778 |
| Men | 80 | 6.078836 | .3361974 | 3.007041 | 5.409652 | 6.74802 |
| Combined | 179 | 5.64825 | .2870366 | 3.840289 | 5.081817 | 6.214682 |
| diff | | -.778535 | .5759985 | | -1.915243 | .3581734 |

```
    diff = mean(Women) - mean(Men)                                t =  -1.3516
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0891         Pr(|T| > |t|) = 0.1782          Pr(T > t) = 0.9109
```

```
282 .
283 .
284 . ttest Left_Hippocampuspct  if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | .2718873 | .0023013 | .0228978 | .2673204 | .2764542 |
| Men | 80 | .2567981 | .0025879 | .0231465 | .2516471 | .2619491 |
| Combined | 179 | .2651435 | .0018048 | .0241463 | .261582 | .268705 |
| diff | | .0150892 | .0034591 | | .0082628 | .0219156 |

```
    diff = mean(Women) - mean(Men)                                t =   4.3622
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 1.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 0.0000

285 . ttest Right_Hippocampuspct  if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | .2948671 | .0023091 | .0229751 | .2902848 | .2994495 |
| Men | 80 | .2769187 | .0025896 | .0231617 | .2717643 | .2820731 |
| Combined | 179 | .2868455 | .0018442 | .0246736 | .2832062 | .2904848 |
| diff | | .0179485 | .0034665 | | .0111074 | .0247896 |

```
    diff = mean(Women) - mean(Men)                                t =   5.1776
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 1.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 0.0000

286 .
287 . ttest LnLesion_Volumepct  if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | -4.137771 | .4400851 | 4.378791 | -5.011105 | -3.264436 |
| Men | 80 | -3.491089 | .3368621 | 3.012986 | -4.161596 | -2.820582 |
| Combined | 179 | -3.848751 | .2864672 | 3.83267 | -4.41406 | -3.283442 |
| diff | | -.6466814 | .5757667 | | -1.782932 | .4895695 |

```
    diff = mean(Women) - mean(Men)                                t =  -1.1232
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.1314         Pr(|T| > |t|) = 0.2629          Pr(T > t) = 0.8686
```

```
288 .
289 . ttest ICV_volM2  if sample_final==1, by(Sex)

Two-sample t test with equal variances
```

| Group | Obs | Mean | Std. err. | Std. dev. | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Women | 99 | 1259338 | 9661.413 | 96129.84 | 1240166 | 1278511 |
| Men | 80 | 1438281 | 14184.02 | 126865.7 | 1410049 | 1466514 |
| Combined | 179 | 1339313 | 10620.52 | 142092.9 | 1318354 | 1360271 |
| diff | | -178943 | 16673.15 | | -211846.7 | -146039.2 |

```
    diff = mean(Women) - mean(Men)                                t = -10.7324
H0: diff = 0                                     Degrees of freedom =      177

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0000         Pr(|T| > |t|) = 0.0000          Pr(T > t) = 1.0000

290 .
291 .
292 . save, replace
    file HANDLS_paper51_NFLBRAINSCANFINALIZED.dta saved

293 .
294 . **************Adjusted model for other variables: Race, w1Age and PovStat***********************
295 .
296 . reg TIME_V1SCAN Sex w1Age Race PovStat  if sample_final==1
```

| Source | SS | df | MS | | |
|---|---|---|---|---|---|
| | | | | Number of obs | = 179 |
| | | | | F(4, 174) | = 6.93 |
| Model | 9825574.45 | 4 | 2456393.61 | Prob > F | = 0.0000 |
| Residual | 61638892.5 | 174 | 354246.508 | R-squared | = 0.1375 |
| | | | | Adj R-squared | = 0.1177 |
| Total | 71464466.9 | 178 | 401485.769 | Root MSE | = 595.19 |

| TIME_V1SCAN | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 6.087867 | 90.22728 | 0.07 | 0.946 | -171.993 | 184.1687 |
| w1Age | 5.290877 | 5.136741 | 1.03 | 0.304 | -4.847465 | 15.42922 |
| Race | 216.5008 | 92.19384 | 2.35 | 0.020 | 34.53856 | 398.4629 |
| PovStat | 442.6637 | 100.924 | 4.39 | 0.000 | 243.4709 | 641.8566 |
| _cons | 829.5349 | 369.8529 | 2.24 | 0.026 | 99.55934 | 1559.51 |

```
297 . reg w1Age Sex Race PovStat if sample_final==1
```

| Source | SS | df | MS | | |
|---|---|---|---|---|---|
| | | | | Number of obs | = 179 |
| | | | | F(3, 175) | = 5.79 |
| Model | 1333.61396 | 3 | 444.537985 | Prob > F | = 0.0008 |
| Residual | 13425.4924 | 175 | 76.7170995 | R-squared | = 0.0904 |
| | | | | Adj R-squared | = 0.0748 |
| Total | 14759.1064 | 178 | 82.9163279 | Root MSE | = 8.7588 |

| w1Age | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | .2300849 | 1.327682 | 0.17 | 0.863 | -2.390244 | 2.850414 |
| Race | -2.425876 | 1.344285 | -1.80 | 0.073 | -5.078974 | .227223 |
| PovStat | -4.906247 | 1.438158 | -3.41 | 0.001 | -7.744614 | -2.067881 |
| _cons | 57.28951 | 3.296859 | 17.38 | 0.000 | 50.78279 | 63.79623 |

```
298 . mlogit Race w1Age Sex PovStat if sample_final==1, baseoutcome(1)

Iteration 0:   log likelihood = -121.37541
Iteration 1:   log likelihood = -117.77824
Iteration 2:   log likelihood =  -117.7726
Iteration 3:   log likelihood =  -117.7726

Multinomial logistic regression                       Number of obs =    179
                                                      LR chi2(3)    =   7.21
                                                      Prob > chi2   = 0.0656
Log likelihood = -117.7726                            Pseudo R2     = 0.0297

------------------------------------------------------------------------------
        Race | Coefficient  Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
       White |  (base outcome)
-------------+----------------------------------------------------------------
       AfrAm |
       w1Age |  -.0320893   .0178371    -1.80   0.072    -.0670494    .0028707
         Sex |   .1732685   .3142422     0.55   0.581    -.4426349    .7891719
     PovStat |   .4865843   .3424657     1.42   0.155    -.1846362    1.157805
       _cons |    .279592    1.16809     0.24   0.811    -2.009823    2.569007
------------------------------------------------------------------------------

299 . mlogit PovStat w1Age Sex Race if sample_final==1, baseoutcome(1)

Iteration 0:   log likelihood = -111.22369
Iteration 1:   log likelihood = -102.55369
Iteration 2:   log likelihood = -102.42522
Iteration 3:   log likelihood =  -102.4251
Iteration 4:   log likelihood =  -102.4251

Multinomial logistic regression                       Number of obs =    179
                                                      LR chi2(3)    =  17.60
                                                      Prob > chi2   = 0.0005
Log likelihood = -102.4251                            Pseudo R2     = 0.0791

------------------------------------------------------------------------------
     PovStat | Coefficient  Std. err.      z    P>|z|     [95% conf. interval]
-------------+----------------------------------------------------------------
       Above |  (base outcome)
-------------+----------------------------------------------------------------
       Below |
       w1Age |  -.0621619   .0193485    -3.21   0.001    -.1000843   -.0242395
         Sex |  -.5396666   .3470667    -1.55   0.120    -1.219905    .1405717
        Race |   .4725637   .3446188     1.37   0.170    -.2028769    1.148004
       _cons |   2.209028   1.185347     1.86   0.062     -.114209    4.532266
------------------------------------------------------------------------------

300 .
301 . reg LnNFLw1 Sex w1Age Race PovStat if sample_final==1

      Source |       SS           df       MS      Number of obs   =       179
-------------+----------------------------------   F(4, 174)       =     24.96
       Model |  18.0774409         4  4.51936022   Prob > F        =    0.0000
    Residual |  31.5040623       174  .181057829   R-squared       =    0.3646
-------------+----------------------------------   Adj R-squared   =    0.3500
       Total |  49.5815032       178  .278547771   Root MSE        =    .42551
```

| LnNFLw1 | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | .063473 | .0645051 | 0.98 | 0.326 | -.06384 | .1907861 |
| w1Age | .0315723 | .0036723 | 8.60 | 0.000 | .0243243 | .0388204 |
| Race | -.1728468 | .065911 | -2.62 | 0.010 | -.3029347 | -.0427588 |
| PovStat | -.0196114 | .0721523 | -0.27 | 0.786 | -.1620178 | .122795 |
| _cons | .6819565 | .2644143 | 2.58 | 0.011 | .1600843 | 1.203829 |

```
302 . reg LnNFLw3 Sex w1Age Race PovStat if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 13.42 |
| Model | 14.0444568 | 4 | 3.5111142 | Prob > F | = | 0.0000 |
| Residual | 45.5195188 | 174 | .26160643 | R-squared | = | 0.2358 |
| | | | | Adj R-squared | = | 0.2182 |
| Total | 59.5639756 | 178 | .334629076 | Root MSE | = | .51147 |

| LnNFLw3 | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | .1379637 | .0775371 | 1.78 | 0.077 | -.0150706 | .2909979 |
| w1Age | .0281561 | .0044143 | 6.38 | 0.000 | .0194437 | .0368685 |
| Race | -.1547849 | .079227 | -1.95 | 0.052 | -.3111546 | .0015848 |
| PovStat | .0786899 | .0867293 | 0.91 | 0.366 | -.092487 | .2498668 |
| _cons | .7879594 | .3178341 | 2.48 | 0.014 | .160653 | 1.415266 |

```
303 .
304 . reg TOTALBRAIN Sex w1Age Race PovStat if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 34.35 |
| Model | 1.0956e+12 | 4 | 2.7390e+11 | Prob > F | = | 0.0000 |
| Residual | 1.3873e+12 | 174 | 7.9731e+09 | R-squared | = | 0.4413 |
| | | | | Adj R-squared | = | 0.4284 |
| Total | 2.4829e+12 | 178 | 1.3949e+10 | Root MSE | = | 89292 |

| TOTALBRAIN | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 137037.2 | 13536.26 | 10.12 | 0.000 | 110320.8 | 163753.6 |
| w1Age | -2353.34 | 770.6346 | -3.05 | 0.003 | -3874.335 | -832.3451 |
| Race | -75460.05 | 13831.29 | -5.46 | 0.000 | -102758.7 | -48161.35 |
| PovStat | -13045.68 | 15141.03 | -0.86 | 0.390 | -42929.39 | 16838.04 |
| _cons | 1180766 | 55486.82 | 21.28 | 0.000 | 1071252 | 1290280 |

```
305 . reg GM Sex w1Age Race PovStat if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 39.70 |
| Model | 3.6133e+11 | 4 | 9.0333e+10 | Prob > F | = | 0.0000 |
| Residual | 3.9591e+11 | 174 | 2.2754e+09 | R-squared | = | 0.4772 |
| | | | | Adj R-squared | = | 0.4651 |
| Total | 7.5724e+11 | 178 | 4.2542e+09 | Root MSE | = | 47701 |

| GM | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 70839.02 | 7231.188 | 9.80 | 0.000 | 56566.89 | 85111.16 |
| w1Age | -2103.203 | 411.6797 | -5.11 | 0.000 | -2915.732 | -1290.675 |
| Race | -51447.06 | 7388.796 | -6.96 | 0.000 | -66030.26 | -36863.86 |
| PovStat | -6458.292 | 8088.468 | -0.80 | 0.426 | -22422.43 | 9505.848 |
| _cons | 721540.9 | 29641.54 | 24.34 | 0.000 | 663037.7 | 780044.2 |

306 . reg WM Sex w1Age Race PovStat if sample_final==1

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 21.97 |
| Model | 1.6700e+11 | 4 | 4.1749e+10 | Prob > F | = | 0.0000 |
| Residual | 3.3065e+11 | 174 | 1.9003e+09 | R-squared | = | 0.3356 |
| | | | | Adj R-squared | = | 0.3203 |
| Total | 4.9764e+11 | 178 | 2.7958e+09 | Root MSE | = | 43592 |

| WM | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 56146.55 | 6608.353 | 8.50 | 0.000 | 43103.7 | 69189.4 |
| w1Age | -719.4518 | 376.221 | -1.91 | 0.057 | -1461.996 | 23.09241 |
| Race | -21143.53 | 6752.386 | -3.13 | 0.002 | -34470.66 | -7816.409 |
| PovStat | -10265.94 | 7391.794 | -1.39 | 0.167 | -24855.06 | 4323.178 |
| _cons | 453744.7 | 27088.47 | 16.75 | 0.000 | 400280.5 | 507209 |

307 .
308 .
309 . reg FRONTAL_GM_L_volM2 Sex w1Age Race PovStat if sample_final==1

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 24.19 |
| Model | 6.4941e+09 | 4 | 1.6235e+09 | Prob > F | = | 0.0000 |
| Residual | 1.1680e+10 | 174 | 67128762.5 | R-squared | = | 0.3573 |
| | | | | Adj R-squared | = | 0.3425 |
| Total | 1.8175e+10 | 178 | 102104052 | Root MSE | = | 8193.2 |

| FRONTAL_GM.. | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 9367.25 | 1242.051 | 7.54 | 0.000 | 6915.825 | 11818.68 |
| w1Age | -351.2695 | 70.71136 | -4.97 | 0.000 | -490.8319 | -211.707 |
| Race | -6170.645 | 1269.122 | -4.86 | 0.000 | -8675.5 | -3665.789 |
| PovStat | -757.8338 | 1389.3 | -0.55 | 0.586 | -3499.883 | 1984.216 |
| _cons | 106151.1 | 5091.322 | 20.85 | 0.000 | 96102.44 | 116199.8 |

310 . reg FRONTAL_WM_L_volM2 Sex w1Age Race PovStat if sample_final==1

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 17.47 |
| Model | 5.4469e+09 | 4 | 1.3617e+09 | Prob > F | = | 0.0000 |
| Residual | 1.3560e+10 | 174 | 77930187.3 | R-squared | = | 0.2866 |
| | | | | Adj R-squared | = | 0.2702 |
| Total | 1.9007e+10 | 178 | 106779329 | Root MSE | = | 8827.8 |

| F~WM_L_volM2 | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 10299.13 | 1338.252 | 7.70 | 0.000 | 7657.831 | 12940.42 |
| w1Age | -144.1338 | 76.18821 | -1.89 | 0.060 | -294.5058 | 6.238255 |
| Race | -3058.931 | 1367.42 | -2.24 | 0.027 | -5757.796 | -360.0655 |
| PovStat | -1996.154 | 1496.906 | -1.33 | 0.184 | -4950.584 | 958.2772 |
| _cons | 84250.65 | 5485.663 | 15.36 | 0.000 | 73423.65 | 95077.66 |

311 . reg TEMPORAL_GM_L_volM2 Sex w1Age Race PovStat if sample_final==1

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 43.70 |
| Model | 3.3634e+09 | 4 | 840838562 | Prob > F | = | 0.0000 |
| Residual | 3.3481e+09 | 174 | 19241683.2 | R-squared | = | 0.5011 |
| | | | | Adj R-squared | = | 0.4897 |
| Total | 6.7114e+09 | 178 | 37704534.4 | Root MSE | = | 4386.5 |

| TEMPORAL_G.. | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 6973.84 | 664.977 | 10.49 | 0.000 | 5661.381 | 8286.3 |
| w1Age | -133.5101 | 37.85789 | -3.53 | 0.001 | -208.2299 | -58.79026 |
| Race | -5256.227 | 679.4705 | -7.74 | 0.000 | -6597.293 | -3915.162 |
| PovStat | -643.86 | 743.8121 | -0.87 | 0.388 | -2111.916 | 824.1956 |
| _cons | 54848.66 | 2725.824 | 20.12 | 0.000 | 49468.73 | 60228.6 |

312 . reg TEMPORAL_WM_L_volM2 Sex w1Age Race PovStat if sample_final==1

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 22.47 |
| Model | 2.2674e+09 | 4 | 566860998 | Prob > F | = | 0.0000 |
| Residual | 4.3901e+09 | 174 | 25230473.3 | R-squared | = | 0.3406 |
| | | | | Adj R-squared | = | 0.3254 |
| Total | 6.6575e+09 | 178 | 37401945.8 | Root MSE | = | 5023 |

| T~WM_L_volM2 | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 6467.047 | 761.4612 | 8.49 | 0.000 | 4964.158 | 7969.937 |
| w1Age | -51.2351 | 43.35085 | -1.18 | 0.239 | -136.7963 | 34.32609 |
| Race | -2954.024 | 778.0577 | -3.80 | 0.000 | -4489.669 | -1418.378 |
| PovStat | -865.8534 | 851.7348 | -1.02 | 0.311 | -2546.915 | 815.2084 |
| _cons | 47767.7 | 3121.325 | 15.30 | 0.000 | 41607.17 | 53928.24 |

313 . reg PARIETAL_GM_L_volM2 Sex w1Age Race PovStat if sample_final==1

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 23.75 |
| Model | 2.0237e+09 | 4 | 505917075 | Prob > F | = | 0.0000 |
| Residual | 3.7067e+09 | 174 | 21302615.5 | R-squared | = | 0.3532 |
| | | | | Adj R-squared | = | 0.3383 |
| Total | 5.7303e+09 | 178 | 32192828.1 | Root MSE | = | 4615.5 |

| PARIETAL_G.. | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 4516.925 | 699.6834 | 6.46 | 0.000 | 3135.966 | 5897.884 |
| w1Age | -173.1919 | 39.83376 | -4.35 | 0.000 | -251.8114 | -94.57233 |
| Race | -4714.263 | 714.9334 | -6.59 | 0.000 | -6125.32 | -3303.205 |
| PovStat | -469.3182 | 782.633 | -0.60 | 0.550 | -2013.994 | 1075.358 |
| _cons | 55163.05 | 2868.09 | 19.23 | 0.000 | 49502.33 | 60823.77 |

314 . reg PARIETAL_WM_L_volM2 Sex w1Age Race PovStat if sample_final==1

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 19.92 |
| Model | 1.7598e+09 | 4 | 439946655 | Prob > F | = | 0.0000 |
| Residual | 3.8427e+09 | 174 | 22084257.9 | R-squared | = | 0.3141 |
| | | | | Adj R-squared | = | 0.2983 |
| Total | 5.6024e+09 | 178 | 31474424.1 | Root MSE | = | 4699.4 |

| P~WM_L_volM2 | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 5652.106 | 712.4043 | 7.93 | 0.000 | 4246.039 | 7058.172 |
| w1Age | -37.45589 | 40.55798 | -0.92 | 0.357 | -117.5048 | 42.59304 |
| Race | -2649.928 | 727.9315 | -3.64 | 0.000 | -4086.64 | -1213.215 |
| PovStat | -846.0217 | 796.862 | -1.06 | 0.290 | -2418.781 | 726.738 |
| _cons | 42363.76 | 2920.234 | 14.51 | 0.000 | 36600.11 | 48127.4 |

315 . reg OCCIPITAL_GM_L_volM2 Sex w1Age Race PovStat if sample_final==1

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 26.08 |
| Model | 1.8189e+09 | 4 | 454713614 | Prob > F | = | 0.0000 |
| Residual | 3.0340e+09 | 174 | 17436786.3 | R-squared | = | 0.3748 |
| | | | | Adj R-squared | = | 0.3604 |
| Total | 4.8529e+09 | 178 | 27263231.9 | Root MSE | = | 4175.7 |

| OCCIPITAL_.. | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 4407.586 | 633.0213 | 6.96 | 0.000 | 3158.197 | 5656.975 |
| w1Age | -142.1247 | 36.03862 | -3.94 | 0.000 | -213.2538 | -70.99554 |
| Race | -4485.723 | 646.8183 | -6.94 | 0.000 | -5762.343 | -3209.104 |
| PovStat | -584.7905 | 708.0679 | -0.83 | 0.410 | -1982.298 | 812.7171 |
| _cons | 45592.31 | 2594.833 | 17.57 | 0.000 | 40470.91 | 50713.71 |

316 . reg OCCIPITAL_WM_L_volM2 Sex w1Age Race PovStat if sample_final==1

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 20.73 |
| Model | 502381483 | 4 | 125595371 | Prob > F | = | 0.0000 |
| Residual | 1.0544e+09 | 174 | 6059740.17 | R-squared | = | 0.3227 |
| | | | | Adj R-squared | = | 0.3071 |
| Total | 1.5568e+09 | 178 | 8745934.11 | Root MSE | = | 2461.7 |

| O~WM_L_volM2 | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 2863.711 | 373.1746 | 7.67 | 0.000 | 2127.179 | 3600.242 |
| w1Age | -58.85049 | 21.24525 | -2.77 | 0.006 | -100.7821 | -16.91892 |
| Race | -1607.162 | 381.3082 | -4.21 | 0.000 | -2359.747 | -854.5776 |
| PovStat | -495.4353 | 417.4156 | -1.19 | 0.237 | -1319.285 | 328.4143 |
| _cons | 22616.65 | 1529.689 | 14.79 | 0.000 | 19597.52 | 25635.79 |

```
317 .
318 .
319 . reg FRONTAL_GM_R_volM2  Sex w1Age Race PovStat if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 25.18 |
| Model | 6.9448e+09 | 4 | 1.7362e+09 | Prob > F | = | 0.0000 |
| Residual | 1.1998e+10 | 174 | 68955786.9 | R-squared | = | 0.3666 |
| | | | | Adj R-squared | = | 0.3521 |
| Total | 1.8943e+10 | 178 | 106422227 | Root MSE | = | 8304 |

| FRONTAL_GM.. | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 10134.51 | 1258.84 | 8.05 | 0.000 | 7649.944 | 12619.07 |
| w1Age | -338.1422 | 71.66717 | -4.72 | 0.000 | -479.591 | -196.6933 |
| Race | -5960.515 | 1286.277 | -4.63 | 0.000 | -8499.229 | -3421.801 |
| PovStat | -734.8823 | 1408.079 | -0.52 | 0.602 | -3513.996 | 2044.231 |
| _cons | 104172.7 | 5160.142 | 20.19 | 0.000 | 93988.19 | 114357.2 |

```
320 . reg FRONTAL_WM_R_volM2  Sex w1Age Race PovStat if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 16.45 |
| Model | 5.5792e+09 | 4 | 1.3948e+09 | Prob > F | = | 0.0000 |
| Residual | 1.4749e+10 | 174 | 84765411.8 | R-squared | = | 0.2745 |
| | | | | Adj R-squared | = | 0.2578 |
| Total | 2.0328e+10 | 178 | 114204199 | Root MSE | = | 9206.8 |

| F~WM_R_volM2 | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 10527.17 | 1395.708 | 7.54 | 0.000 | 7772.478 | 13281.87 |
| w1Age | -136.5968 | 79.45921 | -1.72 | 0.087 | -293.4248 | 20.23113 |
| Race | -2827.848 | 1426.128 | -1.98 | 0.049 | -5642.584 | -13.11206 |
| PovStat | -1937.525 | 1561.173 | -1.24 | 0.216 | -5018.799 | 1143.748 |
| _cons | 85383.33 | 5721.18 | 14.92 | 0.000 | 74091.49 | 96675.17 |

```
321 . reg TEMPORAL_GM_R_volM2  Sex w1Age Race PovStat if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 40.09 |
| Model | 3.0796e+09 | 4 | 769898895 | Prob > F | = | 0.0000 |
| Residual | 3.3415e+09 | 174 | 19204015.5 | R-squared | = | 0.4796 |
| | | | | Adj R-squared | = | 0.4676 |
| Total | 6.4211e+09 | 178 | 36073563.3 | Root MSE | = | 4382.2 |

| TEMPORAL_G.. | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 6791.233 | 664.3258 | 10.22 | 0.000 | 5480.059 | 8102.407 |
| w1Age | -125.5417 | 37.82082 | -3.32 | 0.001 | -200.1884 | -50.89511 |
| Race | -4987.675 | 678.8051 | -7.35 | 0.000 | -6327.427 | -3647.923 |
| PovStat | -152.9477 | 743.0837 | -0.21 | 0.837 | -1619.566 | 1313.67 |
| _cons | 54639.84 | 2723.154 | 20.06 | 0.000 | 49265.17 | 60014.5 |

322 . reg TEMPORAL_WM_R_volM2 Sex w1Age Race PovStat if sample_final==1

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 21.63 |
| Model | 2.1668e+09 | 4 | 541706853 | Prob > F | = | 0.0000 |
| Residual | 4.3573e+09 | 174 | 25042217.4 | R-squared | = | 0.3321 |
| | | | | Adj R-squared | = | 0.3168 |
| Total | 6.5242e+09 | 178 | 36652658.6 | Root MSE | = | 5004.2 |

| T~WM_R_volM2 | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 6410.338 | 758.6151 | 8.45 | 0.000 | 4913.066 | 7907.61 |
| w1Age | -59.4899 | 43.18881 | -1.38 | 0.170 | -144.7313 | 25.7515 |
| Race | -2571.2 | 775.1495 | -3.32 | 0.001 | -4101.106 | -1041.294 |
| PovStat | -980.0861 | 848.5513 | -1.16 | 0.250 | -2654.865 | 694.6923 |
| _cons | 48399.31 | 3109.658 | 15.56 | 0.000 | 42261.8 | 54536.81 |

323 . reg PARIETAL_GM_R_volM2 Sex w1Age Race PovStat if sample_final==1

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 24.61 |
| Model | 2.1278e+09 | 4 | 531950721 | Prob > F | = | 0.0000 |
| Residual | 3.7617e+09 | 174 | 21618697.4 | R-squared | = | 0.3613 |
| | | | | Adj R-squared | = | 0.3466 |
| Total | 5.8895e+09 | 178 | 33086832.8 | Root MSE | = | 4649.6 |

| PARIETAL_G.. | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 4921.471 | 704.8551 | 6.98 | 0.000 | 3530.305 | 6312.638 |
| w1Age | -169.6611 | 40.1282 | -4.23 | 0.000 | -248.8618 | -90.46045 |
| Race | -4602.686 | 720.2178 | -6.39 | 0.000 | -6024.174 | -3181.198 |
| PovStat | -357.6903 | 788.4179 | -0.45 | 0.651 | -1913.784 | 1198.403 |
| _cons | 54728.55 | 2889.289 | 18.94 | 0.000 | 49025.98 | 60431.11 |

324 . reg PARIETAL_WM_R_volM2 Sex w1Age Race PovStat if sample_final==1

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 20.30 |
| Model | 1.6835e+09 | 4 | 420887438 | Prob > F | = | 0.0000 |
| Residual | 3.6076e+09 | 174 | 20733485.2 | R-squared | = | 0.3182 |
| | | | | Adj R-squared | = | 0.3025 |
| Total | 5.2912e+09 | 178 | 29725708.8 | Root MSE | = | 4553.4 |

| P~WM_R_volM2 | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 5497.344 | 690.2736 | 7.96 | 0.000 | 4134.957 | 6859.731 |
| w1Age | -40.67783 | 39.29805 | -1.04 | 0.302 | -118.2401 | 36.8844 |
| Race | -2533.515 | 705.3185 | -3.59 | 0.000 | -3925.596 | -1141.434 |
| PovStat | -1031.127 | 772.1077 | -1.34 | 0.183 | -2555.029 | 492.7757 |
| _cons | 40606.74 | 2829.518 | 14.35 | 0.000 | 35022.15 | 46191.33 |

```
325 . reg OCCIPITAL_GM_R_volM2  Sex w1Age Race PovStat if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 35.60 |
| Model | 2.3379e+09 | 4 | 584484351 | Prob > F | = | 0.0000 |
| Residual | 2.8565e+09 | 174 | 16416811.5 | R-squared | = | 0.4501 |
| | | | | Adj R-squared | = | 0.4374 |
| Total | 5.1945e+09 | 178 | 29182374.2 | Root MSE | = | 4051.8 |

| OCCIPITAL_.. | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 5358.318 | 614.2279 | 8.72 | 0.000 | 4146.022 | 6570.614 |
| w1Age | -119.8321 | 34.96868 | -3.43 | 0.001 | -188.8495 | -50.81468 |
| Race | -4681.439 | 627.6153 | -7.46 | 0.000 | -5920.158 | -3442.72 |
| PovStat | -1300.853 | 687.0465 | -1.89 | 0.060 | -2656.87 | 55.16502 |
| _cons | 45629.23 | 2517.797 | 18.12 | 0.000 | 40659.88 | 50598.58 |

```
326 . reg OCCIPITAL_WM_R_volM2  Sex w1Age Race PovStat if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 22.74 |
| Model | 524903874 | 4 | 131225968 | Prob > F | = | 0.0000 |
| Residual | 1.0042e+09 | 174 | 5771294.88 | R-squared | = | 0.3433 |
| | | | | Adj R-squared | = | 0.3282 |
| Total | 1.5291e+09 | 178 | 8590501.03 | Root MSE | = | 2402.4 |

| O~WM_R_volM2 | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 2900.886 | 364.1847 | 7.97 | 0.000 | 2182.098 | 3619.675 |
| w1Age | -46.21463 | 20.73345 | -2.23 | 0.027 | -87.13606 | -5.293204 |
| Race | -1631.237 | 372.1223 | -4.38 | 0.000 | -2365.692 | -896.7827 |
| PovStat | -744.7768 | 407.36 | -1.83 | 0.069 | -1548.78 | 59.22609 |
| _cons | 22108.77 | 1492.839 | 14.81 | 0.000 | 19162.37 | 25055.18 |

```
327 .
328 .
329 . reg Left_Hippocampus Sex w1Age Race PovStat if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 15.76 |
| Model | 7039296.24 | 4 | 1759824.06 | Prob > F | = | 0.0000 |
| Residual | 19430787.6 | 174 | 111671.193 | R-squared | = | 0.2659 |
| | | | | Adj R-squared | = | 0.2491 |
| Total | 26470083.9 | 178 | 148708.336 | Root MSE | = | 334.17 |

| Left_Hippo~s | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 267.2025 | 50.65889 | 5.27 | 0.000 | 167.2175 | 367.1876 |
| w1Age | -7.854278 | 2.884068 | -2.72 | 0.007 | -13.54654 | -2.162018 |
| Race | -240.4271 | 51.76303 | -4.64 | 0.000 | -342.5913 | -138.2628 |
| PovStat | -150.8739 | 56.66466 | -2.66 | 0.008 | -262.7124 | -39.03532 |
| _cons | 4063.258 | 207.6571 | 19.57 | 0.000 | 3653.407 | 4473.109 |

```
330 . reg Right_Hippocampus Sex w1Age Race PovStat if sample_final==1
```

| Source | SS | df | MS | | |
|---|---|---|---|---|---|
| | | | | Number of obs | = 179 |
| | | | | F(4, 174) | = 13.52 |
| Model | 7212055.91 | 4 | 1803013.98 | Prob > F | = 0.0000 |
| Residual | 23199171.4 | 174 | 133328.571 | R-squared | = 0.2372 |
| | | | | Adj R-squared | = 0.2196 |
| Total | 30411227.3 | 178 | 170849.592 | Root MSE | = 365.14 |

| Right_Hipp~s | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 268.5255 | 55.35371 | 4.85 | 0.000 | 159.2743 | 377.7766 |
| w1Age | -5.951892 | 3.151349 | -1.89 | 0.061 | -12.17168 | .2678981 |
| Race | -274.3726 | 56.56017 | -4.85 | 0.000 | -386.005 | -162.7403 |
| PovStat | -114.9827 | 61.91606 | -1.86 | 0.065 | -237.1859 | 7.22046 |
| _cons | 4262.182 | 226.9018 | 18.78 | 0.000 | 3814.348 | 4710.016 |

```
331 .
332 . reg LnLesion_Volume Sex w1Age Race PovStat if sample_final==1
```

| Source | SS | df | MS | | |
|---|---|---|---|---|---|
| | | | | Number of obs | = 179 |
| | | | | F(4, 174) | = 1.87 |
| Model | 107.963747 | 4 | 26.9909368 | Prob > F | = 0.1185 |
| Residual | 2517.14759 | 174 | 14.4663655 | R-squared | = 0.0411 |
| | | | | Adj R-squared | = 0.0191 |
| Total | 2625.11134 | 178 | 14.7478165 | Root MSE | = 3.8035 |

| LnLesion_V~e | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | .7649343 | .576587 | 1.33 | 0.186 | -.3730704 | 1.902939 |
| w1Age | .0732229 | .0328257 | 2.23 | 0.027 | .008435 | .1380108 |
| Race | .6112076 | .589154 | 1.04 | 0.301 | -.5516006 | 1.774016 |
| PovStat | .4677922 | .6449431 | 0.73 | 0.469 | -.8051265 | 1.740711 |
| _cons | -.4331565 | 2.363502 | -0.18 | 0.855 | -5.09798 | 4.231667 |

```
333 .
334 .
335 .
336 . **************Adjusted model for other variables: Race, w1Age, PovStat and ICV**********************
```

```
337 . reg TIME_V1SCAN Sex w1Age Race PovStat ICV_volM2  if sample_final==1
```

| Source | SS | df | MS | | |
|---|---|---|---|---|---|
| | | | | Number of obs | = 179 |
| | | | | F(5, 173) | = 6.01 |
| Model | 10575235.3 | 5 | 2115047.06 | Prob > F | = 0.0000 |
| Residual | 60889231.6 | 173 | 351960.876 | R-squared | = 0.1480 |
| | | | | Adj R-squared | = 0.1234 |
| Total | 71464466.9 | 178 | 401485.769 | Root MSE | = 593.26 |

| TIME_V1SCAN | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 123.0779 | 120.4751 | 1.02 | 0.308 | -114.7123 | 360.8682 |
| w1Age | 4.896436 | 5.127271 | 0.95 | 0.341 | -5.223625 | 15.0165 |
| Race | 154.3226 | 101.2916 | 1.52 | 0.129 | -45.6038 | 354.249 |
| PovStat | 433.8357 | 100.7796 | 4.30 | 0.000 | 234.9199 | 632.7516 |
| ICV_volM2 | -.0006505 | .0004457 | -1.46 | 0.146 | -.0015302 | .0002292 |
| _cons | 1649.768 | 672.1424 | 2.45 | 0.015 | 323.1124 | 2976.423 |

```
338 . reg w1Age Sex Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | | |
|---|---|---|---|---|---|
| | | | | Number of obs | = 179 |
| | | | | F(4, 174) | = 4.45 |
| Model | 1370.91768 | 4 | 342.729419 | Prob > F | = 0.0019 |
| Residual | 13388.1887 | 174 | 76.9436132 | R-squared | = 0.0929 |
| | | | | Adj R-squared | = 0.0720 |
| Total | 14759.1064 | 178 | 82.9163279 | Root MSE | = 8.7718 |

| w1Age | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 1.053562 | 1.779505 | 0.59 | 0.555 | -2.458632 | 4.565756 |
| Race | -2.857138 | 1.481911 | -1.93 | 0.055 | -5.781974 | .0676977 |
| PovStat | -4.954802 | 1.441967 | -3.44 | 0.001 | -7.800799 | -2.108805 |
| ICV_volM2 | -4.58e-06 | 6.58e-06 | -0.70 | 0.487 | -.0000176 | 8.41e-06 |
| _cons | 62.90832 | 8.718972 | 7.22 | 0.000 | 45.69976 | 80.11688 |

```
339 . mlogit Race w1Age Sex PovStat ICV_volM2 if sample_final==1, baseoutcome(1)

Iteration 0:   log likelihood = -121.37541
Iteration 1:   log likelihood = -99.710941
Iteration 2:   log likelihood = -99.440722
Iteration 3:   log likelihood = -99.440567
Iteration 4:   log likelihood = -99.440567

Multinomial logistic regression                 Number of obs =    179
                                                LR chi2(4)    =  43.87
                                                Prob > chi2   = 0.0000
Log likelihood = -99.440567                     Pseudo R2     = 0.1807
```

| Race | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **White** | (base outcome) | | | | | |
| **AfrAm** | | | | | | |
| w1Age | -.0396791 | .0203361 | -1.95 | 0.051 | -.0795371 | .0001789 |
| Sex | 2.070849 | .5196713 | 3.98 | 0.000 | 1.052312 | 3.089386 |
| PovStat | .3768113 | .3823972 | 0.99 | 0.324 | -.3726733 | 1.126296 |
| ICV_volM2 | -.0000106 | 2.11e-06 | -5.05 | 0.000 | -.0000148 | -6.51e-06 |
| _cons | 12.1816 | 2.699986 | 4.51 | 0.000 | 6.889725 | 17.47347 |

```
340 . mlogit PovStat w1Age Sex Race ICV_volM2 if sample_final==1, baseoutcome(1)

Iteration 0:   log likelihood = -111.22369
Iteration 1:   log likelihood = -102.19973
Iteration 2:   log likelihood = -102.04019
Iteration 3:   log likelihood = -102.03994
Iteration 4:   log likelihood = -102.03994

Multinomial logistic regression                     Number of obs =    179
                                                    LR chi2(4)    =  18.37
                                                    Prob > chi2   = 0.0010
Log likelihood = -102.03994                         Pseudo R2     = 0.0826
```

| PovStat | Coefficient | Std. err. | z | P>\|z\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| **Above** | (base outcome) | | | | | |
| **Below** | | | | | | |
| w1Age | -.0633141 | .0194811 | -3.25 | 0.001 | -.1014963 | -.0251318 |
| Sex | -.2663866 | .4653043 | -0.57 | 0.567 | -1.178366 | .6455931 |
| Race | .3314444 | .3798011 | 0.87 | 0.383 | -.412952 | 1.075841 |
| ICV_volM2 | -1.55e-06 | 1.78e-06 | -0.87 | 0.383 | -5.03e-06 | 1.93e-06 |
| _cons | 4.13856 | 2.520856 | 1.64 | 0.101 | -.8022263 | 9.079346 |

```
341 .
342 . reg LnNFLw1 Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | | |
|---|---|---|---|---|---|
| | | | | Number of obs | = 179 |
| | | | | F(5, 173) | = 19.87 |
| Model | 18.0850808 | 5 | 3.61701616 | Prob > F | = 0.0000 |
| Residual | 31.4964224 | 173 | .182060245 | R-squared | = 0.3648 |
| | | | | Adj R-squared | = 0.3464 |
| Total | 49.5815032 | 178 | .278547771 | Root MSE | = .42669 |

| LnNFLw1 | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | .0752834 | .0866478 | 0.87 | 0.386 | -.0957396 | .2463063 |
| w1Age | .0315325 | .0036876 | 8.55 | 0.000 | .024254 | .038811 |
| Race | -.1791238 | .0728507 | -2.46 | 0.015 | -.3229144 | -.0353332 |
| PovStat | -.0205026 | .0724825 | -0.28 | 0.778 | -.1635664 | .1225612 |
| ICV_volM2 | -6.57e-08 | 3.21e-07 | -0.20 | 0.838 | -6.98e-07 | 5.67e-07 |
| _cons | .7647602 | .4834167 | 1.58 | 0.115 | -.1893938 | 1.718914 |

```
343 . reg LnNFLw3 Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | | |
|---|---|---|---|---|---|
| | | | | Number of obs | = 179 |
| | | | | F(5, 173) | = 10.68 |
| Model | 14.0444731 | 5 | 2.80889461 | Prob > F | = 0.0000 |
| Residual | 45.5195025 | 173 | .263118512 | R-squared | = 0.2358 |
| | | | | Adj R-squared | = 0.2137 |
| Total | 59.5639756 | 178 | .334629076 | Root MSE | = .51295 |

| LnNFLw3 | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | .1385087 | .1041659 | 1.33 | 0.185 | -.0670911 | .3441084 |
| w1Age | .0281542 | .0044332 | 6.35 | 0.000 | .0194042 | .0369043 |
| Race | -.1550746 | .0875794 | -1.77 | 0.078 | -.3279362 | .0177871 |
| PovStat | .0786488 | .0871367 | 0.90 | 0.368 | -.0933392 | .2506367 |
| ICV_volM2 | -3.03e-09 | 3.85e-07 | -0.01 | 0.994 | -7.64e-07 | 7.58e-07 |
| _cons | .7917804 | .5811521 | 1.36 | 0.175 | -.355281 | 1.938842 |

344 .
345 . reg TOTALBRAIN Sex w1Age Race PovStat ICV_volM2 if sample_final==1

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 570.38 |
| Model | 2.3409e+12 | 5 | 4.6818e+11 | Prob > F | = | 0.0000 |
| Residual | 1.4200e+11 | 173 | 820821683 | R-squared | = | 0.9428 |
| | | | | Adj R-squared | = | 0.9412 |
| Total | 2.4829e+12 | 178 | 1.3949e+10 | Root MSE | = | 28650 |

| TOTALBRAIN | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -13747.26 | 5818.009 | -2.36 | 0.019 | -25230.68 | -2263.841 |
| w1Age | -1844.958 | 247.6073 | -7.45 | 0.000 | -2333.678 | -1356.238 |
| Race | 4679.225 | 4891.595 | 0.96 | 0.340 | -4975.666 | 14334.12 |
| PovStat | -1667.564 | 4866.871 | -0.34 | 0.732 | -11273.65 | 7938.526 |
| ICV_volM2 | .8383855 | .0215243 | 38.95 | 0.000 | .7959015 | .8808694 |
| _cons | 123596.1 | 32459.25 | 3.81 | 0.000 | 59528.93 | 187663.2 |

346 . reg GM Sex w1Age Race PovStat ICV_volM2 if sample_final==1

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 216.34 |
| Model | 6.5284e+11 | 5 | 1.3057e+11 | Prob > F | = | 0.0000 |
| Residual | 1.0441e+11 | 173 | 603513917 | R-squared | = | 0.8621 |
| | | | | Adj R-squared | = | 0.8581 |
| Total | 7.5724e+11 | 178 | 4.2542e+09 | Root MSE | = | 24567 |

| GM | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -2113.231 | 4988.772 | -0.42 | 0.672 | -11959.93 | 7733.463 |
| w1Age | -1857.239 | 212.316 | -8.75 | 0.000 | -2276.302 | -1438.176 |
| Race | -12674.23 | 4194.399 | -3.02 | 0.003 | -20953.01 | -4395.441 |
| PovStat | -953.3553 | 4173.199 | -0.23 | 0.820 | -9190.295 | 7283.584 |
| ICV_volM2 | .4056261 | .0184564 | 21.98 | 0.000 | .3691973 | .4420548 |
| _cons | 210062.9 | 27832.85 | 7.55 | 0.000 | 155127.2 | 264998.6 |

347 . reg WM Sex w1Age Race PovStat ICV_volM2 if sample_final==1

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 196.27 |
| Model | 4.2306e+11 | 5 | 8.4613e+10 | Prob > F | = | 0.0000 |
| Residual | 7.4580e+10 | 173 | 431097375 | R-squared | = | 0.8501 |
| | | | | Adj R-squared | = | 0.8458 |
| Total | 4.9764e+11 | 178 | 2.7958e+09 | Root MSE | = | 20763 |

| WM | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -12227.95 | 4216.36 | -2.90 | 0.004 | -20550.08 | -3905.819 |
| w1Age | -488.9217 | 179.4431 | -2.72 | 0.007 | -843.1013 | -134.742 |
| Race | 15196.3 | 3544.98 | 4.29 | 0.000 | 8199.321 | 22193.28 |
| PovStat | -5106.44 | 3527.062 | -1.45 | 0.149 | -12068.05 | 1855.173 |
| ICV_volM2 | .380173 | .0155988 | 24.37 | 0.000 | .3493845 | .4109615 |
| _cons | -25637.98 | 23523.49 | -1.09 | 0.277 | -72067.97 | 20792.01 |

```
348 .
349 .
350 . reg FRONTAL_GM_L_volM2  Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 89.98 |
| Model | 1.3127e+10 | 5 | 2.6253e+09 | Prob > F | = | 0.0000 |
| Residual | 5.0478e+09 | 173 | 29178309 | R-squared | = | 0.7223 |
| | | | | Adj R-squared | = | 0.7142 |
| Total | 1.8175e+10 | 178 | 102104052 | Root MSE | = | 5401.7 |

| FRONTAL_GM.. | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -1636.915 | 1096.933 | -1.49 | 0.137 | -3802.01 | 528.1797 |
| w1Age | -314.168 | 46.68412 | -6.73 | 0.000 | -406.3118 | -222.0243 |
| Race | -322.1256 | 922.2659 | -0.35 | 0.727 | -2142.468 | 1498.216 |
| PovStat | 72.53436 | 917.6043 | 0.08 | 0.937 | -1738.607 | 1883.676 |
| ICV_volM2 | .0611849 | .0040582 | 15.08 | 0.000 | .0531749 | .0691949 |
| _cons | 28999.47 | 6119.898 | 4.74 | 0.000 | 16920.19 | 41078.75 |

```
351 . reg FRONTAL_WM_L_volM2  Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 136.64 |
| Model | 1.5166e+10 | 5 | 3.0333e+09 | Prob > F | = | 0.0000 |
| Residual | 3.8403e+09 | 173 | 22198437 | R-squared | = | 0.7979 |
| | | | | Adj R-squared | = | 0.7921 |
| Total | 1.9007e+10 | 178 | 106779329 | Root MSE | = | 4711.5 |

| F~WM_L_volM2 | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -3021.941 | 956.778 | -3.16 | 0.002 | -4910.402 | -1133.48 |
| w1Age | -99.22071 | 40.7193 | -2.44 | 0.016 | -179.5913 | -18.85012 |
| Race | 4020.982 | 804.4282 | 5.00 | 0.000 | 2433.224 | 5608.739 |
| PovStat | -990.9532 | 800.3623 | -1.24 | 0.217 | -2570.685 | 588.7789 |
| ICV_volM2 | .0740673 | .0035397 | 20.92 | 0.000 | .0670807 | .0810538 |
| _cons | -9145.137 | 5337.96 | -1.71 | 0.088 | -19681.05 | 1390.775 |

```
352 . reg TEMPORAL_GM_L_volM2  Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 112.55 |
| Model | 5.1333e+09 | 5 | 1.0267e+09 | Prob > F | = | 0.0000 |
| Residual | 1.5781e+09 | 173 | 9121785.21 | R-squared | = | 0.7649 |
| | | | | Adj R-squared | = | 0.7581 |
| Total | 6.7114e+09 | 178 | 37704534.4 | Root MSE | = | 3020.2 |

| TEMPORAL_G.. | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 1289.223 | 613.3239 | 2.10 | 0.037 | 78.66148 | 2499.784 |
| w1Age | -114.3439 | 26.10231 | -4.38 | 0.000 | -165.8639 | -62.82392 |
| Race | -2234.954 | 515.6631 | -4.33 | 0.000 | -3252.755 | -1217.153 |
| PovStat | -214.9019 | 513.0567 | -0.42 | 0.676 | -1227.558 | 797.7546 |
| ICV_volM2 | .0316074 | .002269 | 13.93 | 0.000 | .0271288 | .036086 |
| _cons | 14993.05 | 3421.795 | 4.38 | 0.000 | 8239.21 | 21746.89 |

```
353 . reg TEMPORAL_WM_L_volM2  Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 124.03 |
| Model | 5.2054e+09 | 5 | 1.0411e+09 | Prob > F | = | 0.0000 |
| Residual | 1.4521e+09 | 173 | 8393833.01 | R-squared | = | 0.7819 |
| | | | | Adj R-squared | = | 0.7756 |
| Total | 6.6575e+09 | 178 | 37401945.8 | Root MSE | = | 2897.2 |

| T~WM_L_volM2 | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -856.8155 | 588.3424 | -1.46 | 0.147 | -2018.069 | 304.4378 |
| w1Age | -26.54211 | 25.03913 | -1.06 | 0.291 | -75.96363 | 22.87941 |
| Race | 938.48 | 494.6594 | 1.90 | 0.059 | -37.86452 | 1914.825 |
| PovStat | -313.1987 | 492.1591 | -0.64 | 0.525 | -1284.608 | 658.2109 |
| ICV_volM2 | .0407218 | .0021766 | 18.71 | 0.000 | .0364257 | .045018 |
| _cons | -3580.876 | 3282.421 | -1.09 | 0.277 | -10059.62 | 2897.873 |

```
354 . reg PARIETAL_GM_L_volM2  Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 81.05 |
| Model | 4.0159e+09 | 5 | 803181123 | Prob > F | = | 0.0000 |
| Residual | 1.7144e+09 | 173 | 9909929.4 | R-squared | = | 0.7008 |
| | | | | Adj R-squared | = | 0.6922 |
| Total | 5.7303e+09 | 178 | 32192828.1 | Root MSE | = | 3148 |

| PARIETAL_G.. | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -1514.045 | 639.2714 | -2.37 | 0.019 | -2775.82 | -252.269 |
| w1Age | -152.858 | 27.20661 | -5.62 | 0.000 | -206.5576 | -99.15837 |
| Race | -1508.909 | 537.4789 | -2.81 | 0.006 | -2569.769 | -448.0486 |
| PovStat | -14.22456 | 534.7622 | -0.03 | 0.979 | -1069.723 | 1041.274 |
| ICV_volM2 | .0335331 | .002365 | 14.18 | 0.000 | .0288651 | .0382012 |
| _cons | 12879.12 | 3566.559 | 3.61 | 0.000 | 5839.548 | 19918.69 |

```
355 . reg PARIETAL_WM_L_volM2  Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 120.96 |
| Model | 4.3564e+09 | 5 | 871275053 | Prob > F | = | 0.0000 |
| Residual | 1.2461e+09 | 173 | 7202729.65 | R-squared | = | 0.7776 |
| | | | | Adj R-squared | = | 0.7712 |
| Total | 5.6024e+09 | 178 | 31474424.1 | Root MSE | = | 2683.8 |

| P~WM_L_volM2 | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -1233.12 | 545.0026 | -2.26 | 0.025 | -2308.83 | -157.4094 |
| w1Age | -14.2418 | 23.19464 | -0.61 | 0.540 | -60.02272 | 31.53912 |
| Race | 1009.448 | 458.2207 | 2.20 | 0.029 | 105.0252 | 1913.871 |
| PovStat | -326.4664 | 455.9046 | -0.72 | 0.475 | -1226.318 | 573.385 |
| ICV_volM2 | .0382829 | .0020163 | 18.99 | 0.000 | .0343033 | .0422626 |
| _cons | -5909.479 | 3040.624 | -1.94 | 0.054 | -11910.97 | 92.01653 |

```
356 . reg OCCIPITAL_GM_L_volM2  Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 58.21 |
| Model | 3.0437e+09 | 5 | 608746664 | Prob > F | = | 0.0000 |
| Residual | 1.8091e+09 | 173 | 10457352.3 | R-squared | = | 0.6272 |
| | | | | Adj R-squared | = | 0.6164 |
| Total | 4.8529e+09 | 178 | 27263231.9 | Root MSE | = | 3233.8 |

| OCCIPITAL_.. | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -321.3472 | 656.6907 | -0.49 | 0.625 | -1617.504 | 974.8101 |
| w1Age | -126.1807 | 27.94795 | -4.51 | 0.000 | -181.3435 | -71.01781 |
| Race | -1972.379 | 552.1244 | -3.57 | 0.000 | -3062.146 | -882.6117 |
| PovStat | -227.9479 | 549.3337 | -0.41 | 0.679 | -1312.207 | 856.3113 |
| ICV_volM2 | .0262936 | .0024295 | 10.82 | 0.000 | .0214984 | .0310889 |
| _cons | 12437.13 | 3663.743 | 3.39 | 0.001 | 5205.736 | 19668.52 |

```
357 . reg OCCIPITAL_WM_L_volM2  Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 59.31 |
| Model | 983224142 | 5 | 196644828 | Prob > F | = | 0.0000 |
| Residual | 573552131 | 173 | 3315330.23 | R-squared | = | 0.6316 |
| | | | | Adj R-squared | = | 0.6209 |
| Total | 1.5568e+09 | 178 | 8745934.11 | Root MSE | = | 1820.8 |

| O~WM_L_volM2 | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -99.19672 | 369.7544 | -0.27 | 0.789 | -829.0074 | 630.614 |
| w1Age | -48.86081 | 15.73629 | -3.10 | 0.002 | -79.92066 | -17.80096 |
| Race | -32.42935 | 310.8777 | -0.10 | 0.917 | -646.0307 | 581.1721 |
| PovStat | -271.856 | 309.3063 | -0.88 | 0.381 | -882.356 | 338.644 |
| ICV_volM2 | .0164742 | .0013679 | 12.04 | 0.000 | .0137742 | .0191742 |
| _cons | 1843.315 | 2062.897 | 0.89 | 0.373 | -2228.372 | 5915.002 |

```
358 .
359 .
360 . reg FRONTAL_GM_R_volM2  Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 100.80 |
| Model | 1.4102e+10 | 5 | 2.8205e+09 | Prob > F | = | 0.0000 |
| Residual | 4.8407e+09 | 173 | 27981145.8 | R-squared | = | 0.7445 |
| | | | | Adj R-squared | = | 0.7371 |
| Total | 1.8943e+10 | 178 | 106422227 | Root MSE | = | 5289.7 |

| FRONTAL_GM.. | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -1296.893 | 1074.194 | -1.21 | 0.229 | -3417.106 | 823.3205 |
| w1Age | -299.6003 | 45.71638 | -6.55 | 0.000 | -389.834 | -209.3666 |
| Race | 115.0711 | 903.1479 | 0.13 | 0.899 | -1667.536 | 1897.678 |
| PovStat | 127.7246 | 898.5829 | 0.14 | 0.887 | -1645.873 | 1901.322 |
| ICV_volM2 | .0635604 | .0039741 | 15.99 | 0.000 | .0557165 | .0714043 |
| _cons | 24025.66 | 5993.036 | 4.01 | 0.000 | 12196.78 | 35854.54 |

```
361 . reg FRONTAL_WM_R_volM2  Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 135.40 |
| Model | 1.6191e+10 | 5 | 3.2382e+09 | Prob > F | = | 0.0000 |
| Residual | 4.1373e+09 | 173 | 23915174.2 | R-squared | = | 0.7965 |
| | | | | Adj R-squared | = | 0.7906 |
| Total | 2.0328e+10 | 178 | 114204199 | Root MSE | = | 4890.3 |

| F~WM_R_volM2 | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -3391.962 | 993.0858 | -3.42 | 0.001 | -5352.086 | -1431.838 |
| w1Age | -89.66734 | 42.26451 | -2.12 | 0.035 | -173.0878 | -6.246861 |
| Race | 4569.926 | 834.9546 | 5.47 | 0.000 | 2921.917 | 6217.936 |
| PovStat | -887.1952 | 830.7344 | -1.07 | 0.287 | -2526.875 | 752.4845 |
| ICV_volM2 | .0773926 | .003674 | 21.06 | 0.000 | .0701409 | .0846443 |
| _cons | -12205.59 | 5540.525 | -2.20 | 0.029 | -23141.32 | -1269.86 |

```
362 . reg TEMPORAL_GM_R_volM2  Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 108.58 |
| Model | 4.8694e+09 | 5 | 973884526 | Prob > F | = | 0.0000 |
| Residual | 1.5517e+09 | 173 | 8969200.26 | R-squared | = | 0.7583 |
| | | | | Adj R-squared | = | 0.7514 |
| Total | 6.4211e+09 | 178 | 36073563.3 | Root MSE | = | 2994.9 |

| TEMPORAL_G.. | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | 1074.839 | 608.1726 | 1.77 | 0.079 | -125.5543 | 2275.233 |
| w1Age | -106.2685 | 25.88308 | -4.11 | 0.000 | -157.3557 | -55.18118 |
| Race | -1949.513 | 511.332 | -3.81 | 0.000 | -2958.765 | -940.2606 |
| PovStat | 278.4082 | 508.7475 | 0.55 | 0.585 | -725.743 | 1282.559 |
| ICV_volM2 | .0317841 | .00225 | 14.13 | 0.000 | .0273431 | .036225 |
| _cons | 14561.44 | 3393.056 | 4.29 | 0.000 | 7864.324 | 21258.56 |

```
363 . reg TEMPORAL_WM_R_volM2  Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 136.31 |
| Model | 5.2034e+09 | 5 | 1.0407e+09 | Prob > F | = | 0.0000 |
| Residual | 1.3208e+09 | 173 | 7634544.01 | R-squared | = | 0.7976 |
| | | | | Adj R-squared | = | 0.7917 |
| Total | 6.5242e+09 | 178 | 36652658.6 | Root MSE | = | 2763.1 |

| T~WM_R_volM2 | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -1035.408 | 561.1016 | -1.85 | 0.067 | -2142.894 | 72.07836 |
| w1Age | -34.38597 | 23.8798 | -1.44 | 0.152 | -81.51923 | 12.74729 |
| Race | 1386.083 | 471.7562 | 2.94 | 0.004 | 454.9437 | 2317.222 |
| PovStat | -418.2343 | 469.3718 | -0.89 | 0.374 | -1344.667 | 508.1982 |
| ICV_volM2 | .0413995 | .0020758 | 19.94 | 0.000 | .0373023 | .0454968 |
| _cons | -3803.812 | 3130.442 | -1.22 | 0.226 | -9982.589 | 2374.964 |

```
364 . reg PARIETAL_GM_R_volM2  Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 70.14 |
| Model | 3.9439e+09 | 5 | 788776224 | Prob > F | = | 0.0000 |
| Residual | 1.9456e+09 | 173 | 11246098.9 | R-squared | = | 0.6697 |
| | | | | Adj R-squared | = | 0.6601 |
| Total | 5.8895e+09 | 178 | 33086832.8 | Root MSE | = | 3353.5 |

| PARIETAL_G.. | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -836.6906 | 681.006 | -1.23 | 0.221 | -2180.841 | 507.4596 |
| w1Age | -150.247 | 28.98278 | -5.18 | 0.000 | -207.4524 | -93.04164 |
| Race | -1542.325 | 572.568 | -2.69 | 0.008 | -2672.443 | -412.2064 |
| PovStat | 76.81743 | 569.6739 | 0.13 | 0.893 | -1047.589 | 1201.224 |
| ICV_volM2 | .0320163 | .0025194 | 12.71 | 0.000 | .0270435 | .0369891 |
| _cons | 14357.31 | 3799.4 | 3.78 | 0.000 | 6858.161 | 21856.46 |

```
365 . reg PARIETAL_WM_R_volM2  Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 111.27 |
| Model | 4.0361e+09 | 5 | 807224432 | Prob > F | = | 0.0000 |
| Residual | 1.2551e+09 | 173 | 7254647.46 | R-squared | = | 0.7628 |
| | | | | Adj R-squared | = | 0.7559 |
| Total | 5.2912e+09 | 178 | 29725708.8 | Root MSE | = | 2693.4 |

| P~WM_R_volM2 | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -1056.379 | 546.9632 | -1.93 | 0.055 | -2135.959 | 23.20158 |
| w1Age | -18.58143 | 23.27808 | -0.80 | 0.426 | -64.52705 | 27.36418 |
| Race | 949.6729 | 459.8691 | 2.07 | 0.040 | 41.99638 | 1857.349 |
| PovStat | -536.5863 | 457.5447 | -1.17 | 0.243 | -1439.675 | 366.5023 |
| ICV_volM2 | .0364397 | .0020235 | 18.01 | 0.000 | .0324457 | .0404337 |
| _cons | -5342.287 | 3051.562 | -1.75 | 0.082 | -11365.37 | 680.7993 |

```
366 . reg OCCIPITAL_GM_R_volM2  Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 107.28 |
| Model | 3.9277e+09 | 5 | 785531443 | Prob > F | = | 0.0000 |
| Residual | 1.2668e+09 | 173 | 7322574.52 | R-squared | = | 0.7561 |
| | | | | Adj R-squared | = | 0.7491 |
| Total | 5.1945e+09 | 178 | 29182374.2 | Root MSE | = | 2706 |

| OCCIPITAL_.. | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -29.05299 | 549.518 | -0.05 | 0.958 | -1113.676 | 1055.57 |
| w1Age | -101.6681 | 23.38681 | -4.35 | 0.000 | -147.8283 | -55.50791 |
| Race | -1818.146 | 462.0171 | -3.94 | 0.000 | -2730.062 | -906.2304 |
| PovStat | -894.3247 | 459.6818 | -1.95 | 0.053 | -1801.631 | 12.98205 |
| ICV_volM2 | .0299546 | .002033 | 14.73 | 0.000 | .025942 | .0339673 |
| _cons | 7857.653 | 3065.815 | 2.56 | 0.011 | 1806.434 | 13908.87 |

```
367 . reg OCCIPITAL_WM_R_volM2  Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 70.89 |
| Model | 1.0276e+09 | 5 | 205517897 | Prob > F | = | 0.0000 |
| Residual | 501519695 | 173 | 2898957.78 | R-squared | = | 0.6720 |
| | | | | Adj R-squared | = | 0.6625 |
| Total | 1.5291e+09 | 178 | 8590501.03 | Root MSE | = | 1702.6 |

| O~WM_R_volM2 | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -128.5708 | 345.757 | -0.37 | 0.710 | -811.016 | 553.8744 |
| w1Age | -36.00057 | 14.71499 | -2.45 | 0.015 | -65.0446 | -6.956545 |
| Race | -21.13447 | 290.7014 | -0.07 | 0.942 | -594.9125 | 552.6435 |
| PovStat | -516.1756 | 289.232 | -1.78 | 0.076 | -1087.053 | 54.70221 |
| ICV_volM2 | .0168443 | .0012792 | 13.17 | 0.000 | .0143195 | .019369 |
| _cons | 868.8455 | 1929.013 | 0.45 | 0.653 | -2938.584 | 4676.275 |

```
368 .
369 .
370 . reg Left_Hippocampus Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 28.00 |
| Model | 11839967.5 | 5 | 2367993.5 | Prob > F | = | 0.0000 |
| Residual | 14630116.4 | 173 | 84567.1467 | R-squared | = | 0.4473 |
| | | | | Adj R-squared | = | 0.4313 |
| Total | 26470083.9 | 178 | 148708.336 | Root MSE | = | 290.8 |

| Left_Hippo~s | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -28.84916 | 59.0542 | -0.49 | 0.626 | -145.4087 | 87.71033 |
| w1Age | -6.856116 | 2.513275 | -2.73 | 0.007 | -11.81675 | -1.895487 |
| Race | -83.08081 | 49.65088 | -1.67 | 0.096 | -181.0803 | 14.91867 |
| PovStat | -128.534 | 49.39992 | -2.60 | 0.010 | -226.0381 | -31.02983 |
| ICV_volM2 | .0016461 | .0002185 | 7.53 | 0.000 | .0012149 | .0020773 |
| _cons | 1987.6 | 329.4693 | 6.03 | 0.000 | 1337.303 | 2637.897 |

```
371 . reg Right_Hippocampus Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 32.38 |
| Model | 14700864.4 | 5 | 2940172.87 | Prob > F | = | 0.0000 |
| Residual | 15710362.9 | 173 | 90811.3464 | R-squared | = | 0.4834 |
| | | | | Adj R-squared | = | 0.4685 |
| Total | 30411227.3 | 178 | 170849.592 | Root MSE | = | 301.35 |

| Right_Hipp~s | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -101.2371 | 61.19558 | -1.65 | 0.100 | -222.0232 | 19.54897 |
| w1Age | -4.705208 | 2.604409 | -1.81 | 0.073 | -9.845716 | .435299 |
| Race | -77.85036 | 51.45128 | -1.51 | 0.132 | -179.4034 | 23.7027 |
| PovStat | -87.08066 | 51.19122 | -1.70 | 0.091 | -188.1204 | 13.9591 |
| ICV_volM2 | .0020559 | .0002264 | 9.08 | 0.000 | .0016091 | .0025028 |
| _cons | 1669.727 | 341.4162 | 4.89 | 0.000 | 995.8495 | 2343.605 |

```
372 .
373 . reg LnLesion_Volume Sex w1Age Race PovStat ICV_volM2 if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(5, 173) | = | 1.67 |
| Model | 120.804269 | 5 | 24.1608539 | Prob > F | = | 0.1445 |
| Residual | 2504.30707 | 173 | 14.4757634 | R-squared | = | 0.0460 |
| | | | | Adj R-squared | = | 0.0184 |
| Total | 2625.11134 | 178 | 14.7478165 | Root MSE | = | 3.8047 |

| LnLesion_V~e | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | .2807531 | .7726285 | 0.36 | 0.717 | -1.244239 | 1.805745 |
| w1Age | .0748553 | .0328821 | 2.28 | 0.024 | .0099535 | .1397571 |
| Race | .8685413 | .6496012 | 1.34 | 0.183 | -.413623 | 2.150706 |
| PovStat | .5043283 | .6463178 | 0.78 | 0.436 | -.7713553 | 1.780012 |
| ICV_volM2 | 2.69e-06 | 2.86e-06 | 0.94 | 0.348 | -2.95e-06 | 8.33e-06 |
| _cons | -3.827816 | 4.310571 | -0.89 | 0.376 | -12.3359 | 4.680267 |

```
374 .
375 .
376 .
377 . save, replace
    file HANDLS_paper51_NFLBRAINSCANFINALIZED.dta saved

378 .
379 .
380 . reg Left_Hippocampuspct Sex w1Age Race PovStat   if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 6.63 |
| Model | .013719782 | 4 | .003429946 | Prob > F | = | 0.0001 |
| Residual | .090061803 | 174 | .000517597 | R-squared | = | 0.1322 |
| | | | | Adj R-squared | = | 0.1122 |
| Total | .103781585 | 178 | .000583043 | Root MSE | = | .02275 |

| Left_Hippo~t | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -.0156487 | .0034489 | -4.54 | 0.000 | -.0224558 | -.0088416 |
| w1Age | -.0004305 | .0001963 | -2.19 | 0.030 | -.000818 | -.0000429 |
| Race | .0008877 | .0035241 | 0.25 | 0.801 | -.0060677 | .0078432 |
| PovStat | -.0075503 | .0038578 | -1.96 | 0.052 | -.0151644 | .0000638 |
| _cons | .3169991 | .0141375 | 22.42 | 0.000 | .2890961 | .3449021 |

```
381 . reg Right_Hippocampuspct Sex w1Age Race PovStat if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 7.41 |
| Model | .015773177 | 4 | .003943294 | Prob > F | = | 0.0000 |
| Residual | .09259116 | 174 | .000532133 | R-squared | = | 0.1456 |
| | | | | Adj R-squared | = | 0.1259 |
| Total | .108364337 | 178 | .000608788 | Root MSE | = | .02307 |

| Right_Hipp~t | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | -.018275 | .003497 | -5.23 | 0.000 | -.025177 | -.011373 |
| w1Age | -.0002872 | .0001991 | -1.44 | 0.151 | -.0006801 | .0001057 |
| Race | .0000334 | .0035732 | 0.01 | 0.993 | -.007019 | .0070859 |
| PovStat | -.004729 | .0039116 | -1.21 | 0.228 | -.0124492 | .0029913 |
| _cons | .3331638 | .0143346 | 23.24 | 0.000 | .3048717 | .3614559 |

```
382 .
383 . reg LnLesion_Volumepct Sex w1Age Race PovStat if sample_final==1
```

| Source | SS | df | MS | Number of obs | = | 179 |
|---|---|---|---|---|---|---|
| | | | | F(4, 174) | = | 1.80 |
| Model | 103.745584 | 4 | 25.9363961 | Prob > F | = | 0.1315 |
| Residual | 2510.96009 | 174 | 14.4308051 | R-squared | = | 0.0397 |
| | | | | Adj R-squared | = | 0.0176 |
| Total | 2614.70567 | 178 | 14.6893577 | Root MSE | = | 3.7988 |

| LnLesion_V~t | Coefficient | Std. err. | t | P>\|t\| | [95% conf. | interval] |
|---|---|---|---|---|---|---|
| Sex | .6324757 | .5758779 | 1.10 | 0.274 | -.5041295 | 1.769081 |
| w1Age | .073756 | .0327854 | 2.25 | 0.026 | .0090478 | .1384642 |
| Race | .6821148 | .5884294 | 1.16 | 0.248 | -.4792634 | 1.843493 |
| PovStat | .4790032 | .64415 | 0.74 | 0.458 | -.7923501 | 1.750356 |
| _cons | -9.878897 | 2.360595 | -4.18 | 0.000 | -14.53798 | -5.21981 |

```
384 .
385 .
386 .
387 . save, replace
    file HANDLS_paper51_NFLBRAINSCANFINALIZED.dta saved

388 .
389 .
390 .
391 .
392 . ******************************TABLE S1. LIST OF ROIs for WML ANALYSIS, ANALYSIS C'*********
393 . capture log close
```