```
-------------------------------------------------------------------------------
> -------------------------------------------------------------------------------
> ----------------------------------------
      name:  <unnamed>
       log:  G:\ECON422 India Poverty Reduction Final Project Health and Politics Anal
> ysis.log
  log type:  text
 opened on:   9 Dec 2025, 16:04:15

. 
. * refreshing STATA
. clear all

. set more off

. 
. * Google Drive connection to data
. use "G:\pooled_mb.dta"

. 
. * summarize data set
. * describe
. 
. * keep just data points from India
. keep if country == 4
(17,520 observations deleted)

. 
. * summary statistics and random assignment check for baseline index health
. summarize index_health_bsl

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
index_heal~l |      1,950    .0604967    1.079779  -1.363643   14.65213

. ttest index_health_bsl, by(treatment)

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. err.   Std. dev.   [95% conf. interval]
---------+--------------------------------------------------------------------
 Control |     913    1.04e-09    .0330952           1   -.0649515    .0649515
Treatmen |   1,037    .1137595    .0355023    1.143262    .0440949    .1834241
---------+--------------------------------------------------------------------
Combined |   1,950    .0604967    .0244522    1.079779    .0125415    .1084519
---------+--------------------------------------------------------------------
    diff |           -.1137595    .0489483               -.209756   -.0177629
------------------------------------------------------------------------------
    diff = mean(Control) - mean(Treatmen)                         t =  -2.3241
H0: diff = 0                                     Degrees of freedom =     1948

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.0101         Pr(|T| > |t|) = 0.0202          Pr(T > t) = 0.9899

. 
. * summary statistics and random assignment check for baseline political involvement
> index
. summarize index_political_bsl

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
index_poli~l |      1,950    -.036316    1.012946  -1.708159   1.162962
```

```
. ttest index_political_bsl, by(treatment)

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. err.   Std. dev.   [95% conf. interval]
---------+--------------------------------------------------------------------
 Control |     913   -1.49e-08    .0330952           1   -.0649516    .0649515
Treatmen |   1,037   -.0682896    .0317871    1.023624    -.130664   -.0059151
---------+--------------------------------------------------------------------
Combined |   1,950    -.036316    .0229387    1.012946    -.081303     .008671
---------+--------------------------------------------------------------------
    diff |            .0682895    .0459562               -.021839    .1584181
------------------------------------------------------------------------------
    diff = mean(Control) - mean(Treatmen)                         t =   1.4860
H0: diff = 0                                     Degrees of freedom =     1948

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.9313         Pr(|T| > |t|) = 0.1374          Pr(T > t) = 0.0687

.
. * summary statistics and random assignment check for baseline perceived health statu
> s
. summarize percep_health_bsl

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
percep_hea~l |      2,292    1.742874    1.283209          0          5

. ttest percep_health_bsl, by(treatment)

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. err.   Std. dev.   [95% conf. interval]
---------+--------------------------------------------------------------------
 Control |   1,061     1.73348    .0383782    1.250094    1.658174    1.808786
Treatmen |   1,231     1.75097    .0373809    1.311533    1.677633    1.824308
---------+--------------------------------------------------------------------
Combined |   2,292    1.742874    .0268034    1.283209    1.690312    1.795435
---------+--------------------------------------------------------------------
    diff |           -.0174904    .0537654               -.1229243    .0879436
------------------------------------------------------------------------------
    diff = mean(Control) - mean(Treatmen)                         t =  -0.3253
H0: diff = 0                                     Degrees of freedom =     2290

    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.3725         Pr(|T| > |t|) = 0.7450          Pr(T > t) = 0.6275

.
. * summary statistics and random assignment check for baseline perceived life status
. summarize percep_life_bsl

    Variable |        Obs        Mean    Std. dev.       Min        Max
-------------+---------------------------------------------------------
percep_lif~l |      2,292    1.250873    1.003866          0          5

. ttest percep_life_bsl, by(treatment)

Two-sample t test with equal variances
------------------------------------------------------------------------------
   Group |     Obs        Mean    Std. err.   Std. dev.   [95% conf. interval]
---------+--------------------------------------------------------------------
 Control |   1,061    1.246937    .0292969    .9542865     1.18945    1.304423
Treatmen |   1,231    1.254265    .0297868    1.045087    1.195826    1.312703
---------+--------------------------------------------------------------------
Combined |   2,292    1.250873    .0209686    1.003866    1.209753    1.291992
---------+--------------------------------------------------------------------
    diff |           -.007328    .0420618               -.0898113    .0751553
------------------------------------------------------------------------------
    diff = mean(Control) - mean(Treatmen)                         t =  -0.1742
H0: diff = 0                                     Degrees of freedom =     2290
```

```
    Ha: diff < 0                 Ha: diff != 0                 Ha: diff > 0
 Pr(T < t) = 0.4309         Pr(|T| > |t|) = 0.8617          Pr(T > t) = 0.5691

.
. * create regressions for health index
. regress index_health_end treatment index_health_bsl, r

Linear regression                               Number of obs     =      1,367
                                                F(2, 1364)        =      15.95
                                                Prob > F          =     0.0000
                                                R-squared         =     0.0238
                                                Root MSE          =     1.0905

------------------------------------------------------------------------------
                 |               Robust
index_health_end | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------+------------------------------------------------------------
       treatment |   .1836324    .058702     3.13   0.002     .0684763    .2987884
index_health_bsl |    .127059   .0286574     4.43   0.000     .0708417    .1832764
           _cons |  -.0066377   .0395931    -0.17   0.867    -.0843077    .0710323
------------------------------------------------------------------------------

. regress index_health_fup treatment index_health_bsl, r

Linear regression                               Number of obs     =      1,460
                                                F(2, 1457)        =      11.62
                                                Prob > F          =     0.0000
                                                R-squared         =     0.0267
                                                Root MSE          =      .9839

------------------------------------------------------------------------------
                 |               Robust
index_health_fup | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-----------------+------------------------------------------------------------
       treatment |   .0479527   .0515019     0.93   0.352    -.0530731    .1489784
index_health_bsl |   .1898793   .0407121     4.66   0.000     .1100188    .2697399
           _cons |  -.0713946   .0366743    -1.95   0.052    -.1433346    .0005454
------------------------------------------------------------------------------

.
. * create regressions for political involvement index
. regress index_political_end treatment index_political_bsl, r

Linear regression                               Number of obs     =      1,367
                                                F(2, 1364)        =      69.18
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1061
                                                Root MSE          =     .91762

------------------------------------------------------------------------------
                 |               Robust
index_political_end | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
--------------------+---------------------------------------------------------
          treatment |   .0015195   .0496022     0.03   0.976    -.0957854    .0988244
index_political_bsl |   .3132496    .026636    11.76   0.000     .2609975    .3655016
              _cons |   .0709087   .0356211     1.99   0.047     .0010307    .1407868
------------------------------------------------------------------------------

. regress index_political_fup treatment index_political_bsl, r

Linear regression                               Number of obs     =      1,460
                                                F(2, 1457)        =      13.61
                                                Prob > F          =     0.0000
                                                R-squared         =     0.0182
                                                Root MSE          =     .98765
```

```
------------------------------------------------------------------------------
                     |               Robust
index_political_fup | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
--------------------+---------------------------------------------------------
          treatment |   .1477032   .0518928     2.85   0.004     .0459107    .2494958
index_political_bsl |   .1167599   .0258708     4.51   0.000     .0660118    .1675079
              _cons |  -.0034258    .037986    -0.09   0.928     -.077939    .0710874
------------------------------------------------------------------------------

.
. * translating log file to pdf
. log close
      name:  <unnamed>
       log:  G:\ECON422 India Poverty Reduction Final Project Health and Politics Anal
> ysis.log
  log type:  text
 closed on:   9 Dec 2025, 16:04:46
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