```
      24_Aggregate-level-B_Combined-Fat-Tax-Healthy-Foods-Subsidy_Results
-------------------------------------------------------------------------------
-------------------------------------------------------------
      name:  <unnamed>
       log:
C:\Users\ids29\Documents\Stata\Taxes-Subsidies_Aggregated_Fat-HF_Results.log
  log type:  text
 opened on:  19 Nov 2012, 14:31:36

.
.
.
. foreach var of varlist PINCBAD- BWINCGOOD {
  2.
. display "-------------------------- `var' --------------------"
  3.
. signtest a_`var' = b_`var' if FatHF==1
  4.
. }
--------------------------- PINCBAD --------------------

Sign test

        sign |    observed    expected
-------------+------------------------
    positive |           2         7.5
    negative |          13         7.5
        zero |           0           0
-------------+------------------------
         all |          15          15

One-sided tests:
  Ho: median of a_PINCBAD - b_PINCBAD  = 0 vs.
  Ha: median of a_PINCBAD - b_PINCBAD  > 0
      Pr(#positive >= 2) =
         Binomial(n = 15, x >= 2, p = 0.5) =  0.9995

  Ho: median of a_PINCBAD - b_PINCBAD  = 0 vs.
  Ha: median of a_PINCBAD - b_PINCBAD  < 0
      Pr(#negative >= 13) =
         Binomial(n = 15, x >= 13, p = 0.5) =  0.0037

Two-sided test:
  Ho: median of a_PINCBAD - b_PINCBAD  = 0 vs.
  Ha: median of a_PINCBAD - b_PINCBAD  != 0
      Pr(#positive >= 13 or #negative >= 13) =
         min(1, 2*Binomial(n = 15, x >= 13, p = 0.5)) =  0.0074
--------------------------- PINCGOOD --------------------

Sign test

        sign |    observed    expected
-------------+------------------------
    positive |          11         5.5
    negative |           0         5.5
        zero |           0           0
-------------+------------------------
         all |          11          11

One-sided tests:
  Ho: median of a_PINCGOOD - b_PINCGOOD  = 0 vs.
  Ha: median of a_PINCGOOD - b_PINCGOOD  > 0
      Pr(#positive >= 11) =
         Binomial(n = 11, x >= 11, p = 0.5) =  0.0005

  Ho: median of a_PINCGOOD - b_PINCGOOD  = 0 vs.
  Ha: median of a_PINCGOOD - b_PINCGOOD  < 0
      Pr(#negative >= 0) =
         Binomial(n = 11, x >= 0, p = 0.5) =  1.0000
```

```
Two-sided test:
  Ho: median of a_PINCGOOD - b_PINCGOOD  = 0 vs.
  Ha: median of a_PINCGOOD - b_PINCGOOD  != 0
      Pr(#positive >= 11 or #negative >= 11) =
         min(1, 2*Binomial(n = 11, x >= 11, p = 0.5)) =  0.0010
--------------------------- BWINCBAD ---------------------

Sign test

        sign |    observed    expected
-------------+------------------------
    positive |           2          10
    negative |          18          10
        zero |           0           0
-------------+------------------------
         all |          20          20

One-sided tests:
  Ho: median of a_BWINCBAD - b_BWINCBAD  = 0 vs.
  Ha: median of a_BWINCBAD - b_BWINCBAD  > 0
      Pr(#positive >= 2) =
         Binomial(n = 20, x >= 2, p = 0.5) =  1.0000

  Ho: median of a_BWINCBAD - b_BWINCBAD  = 0 vs.
  Ha: median of a_BWINCBAD - b_BWINCBAD  < 0
      Pr(#negative >= 18) =
         Binomial(n = 20, x >= 18, p = 0.5) =  0.0002

Two-sided test:
  Ho: median of a_BWINCBAD - b_BWINCBAD  = 0 vs.
  Ha: median of a_BWINCBAD - b_BWINCBAD  != 0
      Pr(#positive >= 18 or #negative >= 18) =
         min(1, 2*Binomial(n = 20, x >= 18, p = 0.5)) =  0.0004
-------------------------- BWINCGOOD ---------------------

Sign test

        sign |    observed    expected
-------------+------------------------
    positive |           4           2
    negative |           0           2
        zero |           0           0
-------------+------------------------
         all |           4           4

One-sided tests:
  Ho: median of a_BWINCG~D - b_BWINCGOOD  = 0 vs.
  Ha: median of a_BWINCG~D - b_BWINCGOOD  > 0
      Pr(#positive >= 4) =
         Binomial(n = 4, x >= 4, p = 0.5) =  0.0625

  Ho: median of a_BWINCG~D - b_BWINCGOOD  = 0 vs.
  Ha: median of a_BWINCG~D - b_BWINCGOOD  < 0
      Pr(#negative >= 0) =
         Binomial(n = 4, x >= 0, p = 0.5) =  1.0000

Two-sided test:
  Ho: median of a_BWINCG~D - b_BWINCGOOD  = 0 vs.
  Ha: median of a_BWINCG~D - b_BWINCGOOD  != 0
      Pr(#positive >= 4 or #negative >= 4) =
         min(1, 2*Binomial(n = 4, x >= 4, p = 0.5)) =  0.1250

.
.      log close
      name:  <unnamed>
       log:
C:\Users\ids29\Documents\Stata\Taxes-Subsidies_Aggregated_Fat-HF_Results.log
```

