```
------------------------------------------------------------------------------
------------------------------------------------------------
      name:  <unnamed>
       log:  C:\Users\Public\Documents\Ian Shemilt\Taxes and
Subsidies\Subsidies_Aggregated_Healthy-Foods_Results.log
  log type:  text
 opened on:  16 Nov 2012, 12:00:55

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

Sign test

        sign |    observed    expected
-------------+------------------------
    positive |          14        10.5
    negative |           7        10.5
        zero |           0           0
-------------+------------------------
         all |          21          21

One-sided tests:
  Ho: median of a_PINCBAD - b_PINCBAD  = 0 vs.
  Ha: median of a_PINCBAD - b_PINCBAD  > 0
      Pr(#positive >= 14) =
         Binomial(n = 21, x >= 14, p = 0.5) =  0.0946

  Ho: median of a_PINCBAD - b_PINCBAD  = 0 vs.
  Ha: median of a_PINCBAD - b_PINCBAD  < 0
      Pr(#negative >= 7) =
         Binomial(n = 21, x >= 7, p = 0.5) =  0.9608

Two-sided test:
  Ho: median of a_PINCBAD - b_PINCBAD  = 0 vs.
  Ha: median of a_PINCBAD - b_PINCBAD  != 0
      Pr(#positive >= 14 or #negative >= 14) =
         min(1, 2*Binomial(n = 21, x >= 14, p = 0.5)) =  0.1892
--------------------------- PINCGOOD --------------------

Sign test

        sign |    observed    expected
-------------+------------------------
    positive |          22          11
    negative |           0          11
        zero |           0           0
-------------+------------------------
         all |          22          22

One-sided tests:
  Ho: median of a_PINCGOOD - b_PINCGOOD  = 0 vs.
  Ha: median of a_PINCGOOD - b_PINCGOOD  > 0
      Pr(#positive >= 22) =
         Binomial(n = 22, x >= 22, p = 0.5) =  0.0000

  Ho: median of a_PINCGOOD - b_PINCGOOD  = 0 vs.
  Ha: median of a_PINCGOOD - b_PINCGOOD  < 0
      Pr(#negative >= 0) =
         Binomial(n = 22, 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 >= 22 or #negative >= 22) =
         min(1, 2*Binomial(n = 22, x >= 22, p = 0.5)) =  0.0000
-------------------------- ININCBAD ---------------------

Sign test

        sign |    observed    expected
-------------+------------------------
    positive |           1          .5
    negative |           0          .5
        zero |           0           0
-------------+------------------------
         all |           1           1

One-sided tests:
  Ho: median of a_ININCBAD - b_ININCBAD  = 0 vs.
  Ha: median of a_ININCBAD - b_ININCBAD  > 0
      Pr(#positive >= 1) =
         Binomial(n = 1, x >= 1, p = 0.5) =  0.5000

  Ho: median of a_ININCBAD - b_ININCBAD  = 0 vs.
  Ha: median of a_ININCBAD - b_ININCBAD  < 0
      Pr(#negative >= 0) =
         Binomial(n = 1, x >= 0, p = 0.5) =  1.0000

Two-sided test:
  Ho: median of a_ININCBAD - b_ININCBAD  = 0 vs.
  Ha: median of a_ININCBAD - b_ININCBAD  != 0
      Pr(#positive >= 1 or #negative >= 1) =
         min(1, 2*Binomial(n = 1, x >= 1, p = 0.5)) =  1.0000
-------------------------- BWINCBAD ---------------------

Sign test

        sign |    observed    expected
-------------+------------------------
    positive |           3         1.5
    negative |           0         1.5
        zero |           0           0
-------------+------------------------
         all |           3           3

One-sided tests:
  Ho: median of a_BWINCBAD - b_BWINCBAD  = 0 vs.
  Ha: median of a_BWINCBAD - b_BWINCBAD  > 0
      Pr(#positive >= 3) =
         Binomial(n = 3, x >= 3, p = 0.5) =  0.1250

  Ho: median of a_BWINCBAD - b_BWINCBAD  = 0 vs.
  Ha: median of a_BWINCBAD - b_BWINCBAD  < 0
      Pr(#negative >= 0) =
         Binomial(n = 3, x >= 0, p = 0.5) =  1.0000

Two-sided test:
  Ho: median of a_BWINCBAD - b_BWINCBAD  = 0 vs.
  Ha: median of a_BWINCBAD - b_BWINCBAD  != 0
      Pr(#positive >= 3 or #negative >= 3) =
         min(1, 2*Binomial(n = 3, x >= 3, p = 0.5)) =  0.2500

.
.      log close
      name:  <unnamed>
       log:  C:\Users\Public\Documents\Ian Shemilt\Taxes and
Subsidies\Subsidies_Aggregated_Healthy-Foods_Results.log
```