```
------------------------------------------------------------------------------
      name:  <unnamed>
       log:  C:\Users\ids29\Documents\Stata\Cluster_Subsidies.log
  log type:  text
 opened on:   8 Jan 2013, 10:25:44

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

Sign test

        sign |    observed    expected
-------------+------------------------
    positive |           3         2.5
    negative |           2         2.5
        zero |           1           1
-------------+------------------------
         all |           6           6

One-sided tests:
  Ho: median of a_PINCBAD - b_PINCBAD = 0 vs.
  Ha: median of a_PINCBAD - b_PINCBAD > 0
      Pr(#positive >= 3) =
         Binomial(n = 5, x >= 3, p = 0.5) =  0.5000

  Ho: median of a_PINCBAD - b_PINCBAD = 0 vs.
  Ha: median of a_PINCBAD - b_PINCBAD < 0
      Pr(#negative >= 2) =
         Binomial(n = 5, x >= 2, p = 0.5) =  0.8125

Two-sided test:
  Ho: median of a_PINCBAD - b_PINCBAD = 0 vs.
  Ha: median of a_PINCBAD - b_PINCBAD != 0
      Pr(#positive >= 3 or #negative >= 3) =
         min(1, 2*Binomial(n = 5, x >= 3, p = 0.5)) =  1.0000
--------------------------- PINCGOOD --------------------

Sign test

        sign |    observed    expected
-------------+------------------------
    positive |           5         2.5
    negative |           0         2.5
        zero |           0           0
-------------+------------------------
         all |           5           5

One-sided tests:
  Ho: median of a_PINCGOOD - b_PINCGOOD = 0 vs.
  Ha: median of a_PINCGOOD - b_PINCGOOD > 0
      Pr(#positive >= 5) =
         Binomial(n = 5, x >= 5, p = 0.5) =  0.0313

  Ho: median of a_PINCGOOD - b_PINCGOOD = 0 vs.
  Ha: median of a_PINCGOOD - b_PINCGOOD < 0
      Pr(#negative >= 0) =
         Binomial(n = 5, 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 >= 5 or #negative >= 5) =
         min(1, 2*Binomial(n = 5, x >= 5, p = 0.5)) =  0.0625
-------------------------- ININCBAD ---------------------

Sign test

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

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

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

Sign test

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

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

  Ho: median of a_BWINCBAD - b_BWINCBAD = 0 vs.
  Ha: median of a_BWINCBAD - b_BWINCBAD < 0
      Pr(#negative >= 0) =
         Binomial(n = 0, 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 >= 0 or #negative >= 0) =
         min(1, 2*Binomial(n = 0, x >= 0, p = 0.5)) =  1.0000

.
.      log close
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  log type:  text
 closed on:   8 Jan 2013, 10:25:44
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