

14\_Aggregate-level-A-Unadjusted\_Subsidy\_Results

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name: <unnamed>
log: C:\Users\ids29\Documents\Stata\Subsidies_Aggregated_Results.log
log type: text
opened on: 15 Nov 2012, 16:36:27

```

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

```

Sign test

sign	observed	expected
positive	22	20
negative	18	20
zero	0	0
all	40	40

One-sided tests:

```

Ho: median of a_PINCBAD - b_PINCBAD = 0 vs.
Ha: median of a_PINCBAD - b_PINCBAD > 0
Pr(#positive >= 22) =
  Binomial(n = 40, x >= 22, p = 0.5) = 0.3179

Ho: median of a_PINCBAD - b_PINCBAD = 0 vs.
Ha: median of a_PINCBAD - b_PINCBAD < 0
Pr(#negative >= 18) =
  Binomial(n = 40, x >= 18, p = 0.5) = 0.7852

```

Two-sided test:

```

Ho: median of a_PINCBAD - b_PINCBAD = 0 vs.
Ha: median of a_PINCBAD - b_PINCBAD != 0
Pr(#positive >= 22 or #negative >= 22) =
  min(1, 2*Binomial(n = 40, x >= 22, p = 0.5)) = 0.6358
----- PINCGOOD -----

```

Sign test

sign	observed	expected
positive	27	13.5
negative	0	13.5
zero	0	0
all	27	27

One-sided tests:

```

Ho: median of a_PINCGOOD - b_PINCGOOD = 0 vs.
Ha: median of a_PINCGOOD - b_PINCGOOD > 0
Pr(#positive >= 27) =
  Binomial(n = 27, x >= 27, 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 = 27, x >= 0, p = 0.5) = 1.0000

```

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Two-sided test:

Ho: median of a\_PINCGOOD - b\_PINCGOOD = 0 vs.  
 Ha: median of a\_PINCGOOD - b\_PINCGOOD != 0  
 Pr(#positive >= 27 or #negative >= 27) =  
 min(1, 2\*Binomial(n = 27, x >= 27, p = 0.5)) = 0.0000  
 ----- ININCBAD -----

Sign test

sign	observed	expected
positive	21	21
negative	21	21
zero	2	2
all	44	44

One-sided tests:

Ho: median of a\_ININCBAD - b\_ININCBAD = 0 vs.  
 Ha: median of a\_ININCBAD - b\_ININCBAD > 0  
 Pr(#positive >= 21) =  
 Binomial(n = 42, x >= 21, p = 0.5) = 0.5612

Ho: median of a\_ININCBAD - b\_ININCBAD = 0 vs.  
 Ha: median of a\_ININCBAD - b\_ININCBAD < 0  
 Pr(#negative >= 21) =  
 Binomial(n = 42, x >= 21, p = 0.5) = 0.5612

Two-sided test:

Ho: median of a\_ININCBAD - b\_ININCBAD = 0 vs.  
 Ha: median of a\_ININCBAD - b\_ININCBAD != 0  
 Pr(#positive >= 21 or #negative >= 21) =  
 min(1, 2\*Binomial(n = 42, x >= 21, p = 0.5)) = 1.0000  
 ----- BWINCBAD -----

Sign test

sign	observed	expected
positive	3	3
negative	3	3
zero	0	0
all	6	6

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 = 6, x >= 3, p = 0.5) = 0.6563

Ho: median of a\_BWINCBAD - b\_BWINCBAD = 0 vs.  
 Ha: median of a\_BWINCBAD - b\_BWINCBAD < 0  
 Pr(#negative >= 3) =  
 Binomial(n = 6, x >= 3, p = 0.5) = 0.6563

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 = 6, x >= 3, p = 0.5)) = 1.0000

. log close

name: <unnamed>  
 log: C:\Users\ids29\Documents\Stata\Subsidies\_Aggregated\_Results.log  
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