

26\_Aggregate-level-B\_Combined-Calorie-Tax-Healthy-Foods-Subsidy\_Results

```

name: <unnamed>
log:
C:\Users\ids29\Documents\Stata\Taxes-Subsidies_Aggregated_Calorie-HF_Results.log
log type: text
opened on: 19 Nov 2012, 14:39:46

```

```

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

```

Sign test

sign	observed	expected
positive	11	18
negative	25	18
zero	0	0
all	36	36

One-sided tests:

Ho: median of a\_PINCBAD - b\_PINCBAD = 0 vs.  
Ha: median of a\_PINCBAD - b\_PINCBAD > 0  
Pr(#positive >= 11) =  
Binomial(n = 36, x >= 11, p = 0.5) = 0.9943

Ho: median of a\_PINCBAD - b\_PINCBAD = 0 vs.  
Ha: median of a\_PINCBAD - b\_PINCBAD < 0  
Pr(#negative >= 25) =  
Binomial(n = 36, x >= 25, p = 0.5) = 0.0144

Two-sided test:

Ho: median of a\_PINCBAD - b\_PINCBAD = 0 vs.  
Ha: median of a\_PINCBAD - b\_PINCBAD != 0  
Pr(#positive >= 25 or #negative >= 25) =  
min(1, 2\*Binomial(n = 36, x >= 25, p = 0.5)) = 0.0288

Sign test

sign	observed	expected
positive	12	6
negative	0	6
zero	0	0
all	12	12

One-sided tests:

Ho: median of a\_PINCGOOD - b\_PINCGOOD = 0 vs.  
Ha: median of a\_PINCGOOD - b\_PINCGOOD > 0  
Pr(#positive >= 12) =  
Binomial(n = 12, x >= 12, p = 0.5) = 0.0002

Ho: median of a\_PINCGOOD - b\_PINCGOOD = 0 vs.  
Ha: median of a\_PINCGOOD - b\_PINCGOOD < 0  
Pr(#negative >= 0) =  
Binomial(n = 12, 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 >= 12 or #negative >= 12) =  
 min(1, 2\*Binomial(n = 12, x >= 12, p = 0.5)) = 0.0005  
 ----- BWINCBAD -----

Sign test

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

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  
 ----- BWINCGOOD -----

Sign test

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

One-sided tests:

Ho: median of a\_BWINCG~D - b\_BWINCGOOD = 0 vs.  
 Ha: median of a\_BWINCG~D - b\_BWINCGOOD > 0  
 Pr(#positive >= 0) =  
 Binomial(n = 0, x >= 0, p = 0.5) = 1.0000  
  
 Ho: median of a\_BWINCG~D - b\_BWINCGOOD = 0 vs.  
 Ha: median of a\_BWINCG~D - b\_BWINCGOOD < 0  
 Pr(#negative >= 0) =  
 Binomial(n = 0, 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 >= 0 or #negative >= 0) =  
 min(1, 2\*Binomial(n = 0, x >= 0, p = 0.5)) = 1.0000

. log close  
 name: <unnamed>  
 log:

26\_Aggregate-level-B\_Combined-Calorie-Tax-Healthy-Foods-Subsidy\_Results  
log type: text  
closed on: 19 Nov 2012, 14:39:47

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