

27_Aggregate-level-B_Combined-Calorie-Tax-Healthy-Non-Alcoholic-Beverages-Subsidy_Results

```
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name: <unnamed>
log:
C:\Users\ids29\Documents\Stata\Taxes-Subsidies_Aggregated_Calorie-HB_Results.log
log type: text
opened on: 19 Nov 2012, 14:44:22
```

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

----- PINCGOOD -----

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
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