

25\_Aggregate-level-B\_Combined-Fat-Tax-Specific-Nutrients-Subsidy\_Results

```

name: <unnamed>
log:
C:\Users\ids29\Documents\Stata\Taxes-Subsidies_Aggregated_Fat-Nutrients_Results.
log
log type: text
opened on: 19 Nov 2012, 14:35:33

```

```

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

```

Sign test

sign	observed	expected
positive	15	23.5
negative	32	23.5
zero	1	1
all	48	48

One-sided tests:

Ho: median of a\_PINCBAD - b\_PINCBAD = 0 vs.  
Ha: median of a\_PINCBAD - b\_PINCBAD > 0  
Pr(#positive >= 15) =  
Binomial(n = 47, x >= 15, p = 0.5) = 0.9960

Ho: median of a\_PINCBAD - b\_PINCBAD = 0 vs.  
Ha: median of a\_PINCBAD - b\_PINCBAD < 0  
Pr(#negative >= 32) =  
Binomial(n = 47, x >= 32, p = 0.5) = 0.0093

Two-sided test:

Ho: median of a\_PINCBAD - b\_PINCBAD = 0 vs.  
Ha: median of a\_PINCBAD - b\_PINCBAD != 0  
Pr(#positive >= 32 or #negative >= 32) =  
min(1, 2\*Binomial(n = 47, x >= 32, p = 0.5)) = 0.0186

----- PINCGOOD -----

Sign test

sign	observed	expected
positive	24	12
negative	0	12
zero	0	0
all	24	24

One-sided tests:

Ho: median of a\_PINCGOOD - b\_PINCGOOD = 0 vs.  
Ha: median of a\_PINCGOOD - b\_PINCGOOD > 0  
Pr(#positive >= 24) =  
Binomial(n = 24, x >= 24, 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) =

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 Binomial(n = 24, 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 >= 24 or #negative >= 24) =  
 min(1, 2\*Binomial(n = 24, x >= 24, p = 0.5)) = 0.0000  
 ----- 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  
 ----- BWINGOOD -----

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

```

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:   log close
:   name: <unnamed>
:   log:

```

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