

28_Aggregate-level-B_Combined-Sugar-Tax-Specific-Nutrients-Subsidy_Results

```

name: <unnamed>
log:
C:\Users\ids29\Documents\Stata\Taxes-Subsidies_Aggregated_Sugar-Nutrients_Result
s.log
log type: text
opened on: 19 Nov 2012, 14:48:17

```

```

.
.
.
. foreach var of varlist PINCBAD- BWINGOOD {
2.
. display "----- `var' -----"
3.
. signtest a_`var' = b_`var' if SugarNutrients==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_BWING~D - b_BWINGGOOD = 0 vs.
 Ha: median of a_BWING~D - b_BWINGGOOD > 0
 Pr(#positive >= 0) =
 Binomial(n = 0, x >= 0, p = 0.5) = 1.0000

Ho: median of a_BWING~D - b_BWINGGOOD = 0 vs.
 Ha: median of a_BWING~D - b_BWINGGOOD < 0
 Pr(#negative >= 0) =
 Binomial(n = 0, x >= 0, p = 0.5) = 1.0000

Two-sided test:

Ho: median of a_BWING~D - b_BWINGGOOD = 0 vs.
 Ha: median of a_BWING~D - b_BWINGGOOD != 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:

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C:\Users\ids29\Documents\Stata\Taxes-Subsidies_Aggregated_Sugar-Nutrients_Results.log
log type: text
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