

23_Aggregate-level-A-Adjusted_Combined-Tax-Subsidy_Results

```

name: <unnamed>
log: C:\Users\ids29\Documents\Stata\Cluster_Taxes-Subsidies.log
log type: text
opened on: 8 Jan 2013, 10:39:55

```

```

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

```

----- PINCBAD -----

Sign test

sign	observed	expected
positive	0	2
negative	4	2
zero	0	0
all	4	4

One-sided tests:

Ho: median of a_PINCBAD - b_PINCBAD = 0 vs.
 Ha: median of a_PINCBAD - b_PINCBAD > 0
 Pr(#positive >= 0) =
 Binomial(n = 4, x >= 0, p = 0.5) = 1.0000

Ho: median of a_PINCBAD - b_PINCBAD = 0 vs.
 Ha: median of a_PINCBAD - b_PINCBAD < 0
 Pr(#negative >= 4) =
 Binomial(n = 4, x >= 4, p = 0.5) = 0.0625

Two-sided test:

Ho: median of a_PINCBAD - b_PINCBAD = 0 vs.
 Ha: median of a_PINCBAD - b_PINCBAD != 0
 Pr(#positive >= 4 or #negative >= 4) =
 min(1, 2*Binomial(n = 4, x >= 4, p = 0.5)) = 0.1250

----- PINCGOOD -----

Sign test

sign	observed	expected
positive	4	2
negative	0	2
zero	0	0
all	4	4

One-sided tests:

Ho: median of a_PINCGOOD - b_PINCGOOD = 0 vs.
 Ha: median of a_PINCGOOD - b_PINCGOOD > 0
 Pr(#positive >= 4) =
 Binomial(n = 4, x >= 4, p = 0.5) = 0.0625

Ho: median of a_PINCGOOD - b_PINCGOOD = 0 vs.
 Ha: median of a_PINCGOOD - b_PINCGOOD < 0
 Pr(#negative >= 0) =
 Binomial(n = 4, x >= 0, p = 0.5) = 1.0000

Two-sided test:

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Ho: median of a_PINCGOOD - b_PINCGOOD = 0 vs.
 Ha: median of a_PINCGOOD - b_PINCGOOD != 0
 Pr(#positive >= 4 or #negative >= 4) =
 min(1, 2*Binomial(n = 4, x >= 4, p = 0.5)) = 0.1250
 ----- BWINCBAD -----

Sign test

sign	observed	expected
positive	0	.5
negative	1	.5
zero	0	0
all	1	1

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 = 1, 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 >= 1) =
 Binomial(n = 1, x >= 1, p = 0.5) = 0.5000

Two-sided test:

Ho: median of a_BWINCBAD - b_BWINCBAD = 0 vs.
 Ha: median of a_BWINCBAD - b_BWINCBAD != 0
 Pr(#positive >= 1 or #negative >= 1) =
 min(1, 2*Binomial(n = 1, x >= 1, p = 0.5)) = 1.0000
 ----- BWINGOOD -----

Sign test

sign	observed	expected
positive	1	.5
negative	0	.5
zero	0	0
all	1	1

One-sided tests:

Ho: median of a_BWINGOOD - b_BWINGOOD = 0 vs.
 Ha: median of a_BWINGOOD - b_BWINGOOD > 0
 Pr(#positive >= 1) =
 Binomial(n = 1, x >= 1, p = 0.5) = 0.5000

 Ho: median of a_BWINGOOD - b_BWINGOOD = 0 vs.
 Ha: median of a_BWINGOOD - b_BWINGOOD < 0
 Pr(#negative >= 0) =
 Binomial(n = 1, x >= 0, p = 0.5) = 1.0000

Two-sided test:

Ho: median of a_BWINGOOD - b_BWINGOOD = 0 vs.
 Ha: median of a_BWINGOOD - b_BWINGOOD != 0
 Pr(#positive >= 1 or #negative >= 1) =
 min(1, 2*Binomial(n = 1, x >= 1, p = 0.5)) = 1.0000

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