

4_Aggregate-level-A-Unadjusted_Tax_Results

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name: <unnamed>
log: C:\Users\ids29\Documents\Stata\Taxes_Aggregated_All_Results.log
log type: text
opened on: 16 Nov 2012, 11:32:17

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.
.
.
. foreach var of varlist PINCBAD- CHL001BAD {
2.
. display "----- `var' -----"
3.
. signtest a_`var' = b_`var'
4.
. }
----- PINCBAD -----

```

Sign test

sign	observed	expected
positive	34	214
negative	394	214
zero	29	29
all	457	457

One-sided tests:

Ho: median of a_PINCBAD - b_PINCBAD = 0 vs.
Ha: median of a_PINCBAD - b_PINCBAD > 0
Pr(#positive >= 34) =
Binomial(n = 428, x >= 34, p = 0.5) = 1.0000

Ho: median of a_PINCBAD - b_PINCBAD = 0 vs.
Ha: median of a_PINCBAD - b_PINCBAD < 0
Pr(#negative >= 394) =
Binomial(n = 428, x >= 394, p = 0.5) = 0.0000

Two-sided test:

Ho: median of a_PINCBAD - b_PINCBAD = 0 vs.
Ha: median of a_PINCBAD - b_PINCBAD != 0
Pr(#positive >= 394 or #negative >= 394) =
min(1, 2*Binomial(n = 428, x >= 394, p = 0.5)) = 0.0000

----- PINCGOOD -----

Sign test

sign	observed	expected
positive	34	57
negative	80	57
zero	17	17
all	131	131

One-sided tests:

Ho: median of a_PINCGOOD - b_PINCGOOD = 0 vs.
Ha: median of a_PINCGOOD - b_PINCGOOD > 0
Pr(#positive >= 34) =
Binomial(n = 114, x >= 34, p = 0.5) = 1.0000

Ho: median of a_PINCGOOD - b_PINCGOOD = 0 vs.
Ha: median of a_PINCGOOD - b_PINCGOOD < 0
Pr(#negative >= 80) =
Binomial(n = 114, x >= 80, p = 0.5) = 0.0000

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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 >= 80 or #negative >= 80) =
 min(1, 2*Binomial(n = 114, x >= 80, p = 0.5)) = 0.0000
 ----- ININCBAD -----

Sign test

sign	observed	expected
positive	44	95
negative	146	95
zero	1	1
all	191	191

One-sided tests:

Ho: median of a_ININCBAD - b_ININCBAD = 0 vs.
 Ha: median of a_ININCBAD - b_ININCBAD > 0
 Pr(#positive >= 44) =
 Binomial(n = 190, x >= 44, p = 0.5) = 1.0000

Ho: median of a_ININCBAD - b_ININCBAD = 0 vs.
 Ha: median of a_ININCBAD - b_ININCBAD < 0
 Pr(#negative >= 146) =
 Binomial(n = 190, x >= 146, p = 0.5) = 0.0000

Two-sided test:

Ho: median of a_ININCBAD - b_ININCBAD = 0 vs.
 Ha: median of a_ININCBAD - b_ININCBAD != 0
 Pr(#positive >= 146 or #negative >= 146) =
 min(1, 2*Binomial(n = 190, x >= 146, p = 0.5)) = 0.0000
 ----- ININCGOOD -----

Sign test

sign	observed	expected
positive	3	1.5
negative	0	1.5
zero	0	0
all	3	3

One-sided tests:

Ho: median of a_ININCG~D - b_ININCGOOD = 0 vs.
 Ha: median of a_ININCG~D - b_ININCGOOD > 0
 Pr(#positive >= 3) =
 Binomial(n = 3, x >= 3, p = 0.5) = 0.1250

Ho: median of a_ININCG~D - b_ININCGOOD = 0 vs.
 Ha: median of a_ININCG~D - b_ININCGOOD < 0
 Pr(#negative >= 0) =
 Binomial(n = 3, x >= 0, p = 0.5) = 1.0000

Two-sided test:

Ho: median of a_ININCG~D - b_ININCGOOD = 0 vs.
 Ha: median of a_ININCG~D - b_ININCGOOD != 0
 Pr(#positive >= 3 or #negative >= 3) =
 min(1, 2*Binomial(n = 3, x >= 3, p = 0.5)) = 0.2500
 ----- BWINCBAD -----

Sign test

sign	observed	expected
positive	57	115

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negative	173	115
zero	24	24
all	254	254

One-sided tests:

Ho: median of a_BWNCBAD - b_BWNCBAD = 0 vs.
 Ha: median of a_BWNCBAD - b_BWNCBAD > 0
 Pr(#positive >= 57) =
 Binomial(n = 230, x >= 57, p = 0.5) = 1.0000

Ho: median of a_BWNCBAD - b_BWNCBAD = 0 vs.
 Ha: median of a_BWNCBAD - b_BWNCBAD < 0
 Pr(#negative >= 173) =
 Binomial(n = 230, x >= 173, p = 0.5) = 0.0000

Two-sided test:

Ho: median of a_BWNCBAD - b_BWNCBAD = 0 vs.
 Ha: median of a_BWNCBAD - b_BWNCBAD != 0
 Pr(#positive >= 173 or #negative >= 173) =
 min(1, 2*Binomial(n = 230, x >= 173, p = 0.5)) = 0.0000

----- CHL001BAD -----

Sign test

sign	observed	expected
positive	3	1.5
negative	0	1.5
zero	0	0
all	3	3

One-sided tests:

Ho: median of a_CHL001~D - b_CHL001BAD = 0 vs.
 Ha: median of a_CHL001~D - b_CHL001BAD > 0
 Pr(#positive >= 3) =
 Binomial(n = 3, x >= 3, p = 0.5) = 0.1250

Ho: median of a_CHL001~D - b_CHL001BAD = 0 vs.
 Ha: median of a_CHL001~D - b_CHL001BAD < 0
 Pr(#negative >= 0) =
 Binomial(n = 3, x >= 0, p = 0.5) = 1.0000

Two-sided test:

Ho: median of a_CHL001~D - b_CHL001BAD = 0 vs.
 Ha: median of a_CHL001~D - b_CHL001BAD != 0
 Pr(#positive >= 3 or #negative >= 3) =
 min(1, 2*Binomial(n = 3, x >= 3, p = 0.5)) = 0.2500

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:      log close
:      name: <unnamed>
:      log: C:\Users\ids29\Documents\Stata\Taxes_Aggregated_All_Results.log
:      log type: text
:      closed on: 16 Nov 2012, 11:32:18
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