From Hyde 2010: Units are polling station election results. treatment = assigned to election observers; observed = actually observed; invalid = # of invalidated ballots

Question: what is the downstream effect (CACE) of observers on invalid?

. tab observed treatment,col

Observers |

visited | Observers assigned to

polling | polling station

station | no yes | Total

-----------+----------------------+----------

no | 1,541 341 | 1,882

| 98.66 83.37 | 95.48

-----------+----------------------+----------

yes | 21 68 | 89

| 1.34 16.63 | 4.52

-----------+----------------------+----------

Total | 1,562 409 | 1,971

| 100.00 100.00 | 100.00

-> treatment = no

observed | invalid

---------+----------

no | 81.17781

| 1541

---------+----------

yes | 92.85714

| 21

---------+----------

Total | 81.33483

| 1562

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-> treatment = yes

observed | invalid

---------+----------

no | 88.79765

| 341

---------+----------

yes | 72.92647

| 68

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Total | 86.15892

| 409

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