# Replication 2

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Purpose of this first week's work:

"We spend two weeks on each replication exercise. In the first week, you should replicate the published work. This is mainly an exercise in getting [the preexisting] code to run. But you should also add lots of comments. How might the code be improved? Why have they made the choices they made? What other approaches might be worth trying? What don't you understand?"

Table 1

| var.names | out.mat.a | out.mat.c | out.mat.x |
|---|---|---|---|
| | (1) | (2) | (3) |
| | all respondents | waits on platform | all respondents |
| question | ATE (p) | CATE (p) | T1 levels (sd) |
| Number of immigrants be increased? | 0.09 (0.008) | 0.083 (0.012) | 0.489 (0.272) |
| Children of undocumented be allowed to stay? | 0.073 (0.016) | 0.098 (0.016) | 0.441 (0.362) |
| English as official language? | 0.03 (0.27) | 0.043 (0.152) | 0.619 (0.364) |
| N | 109 | 100 | 109 |

Figure 2

Description from the text:

Time effects. ATE and 95% confidence intervals for 3-d treatment (solid circle) and 10-d treatment (open circle). P values from top to bottom generated from a two-tailed test against the Null Hypothesis of no difference in effect between the 3-d and 10-d treatments are P = 0.195, 0.094, and 0.305. n = 55 for 3-d dose and 54 for 10-d dose. Confidence intervals are constructed by drawing the 2.5% and 97.5% quantiles from the randomization distribution.
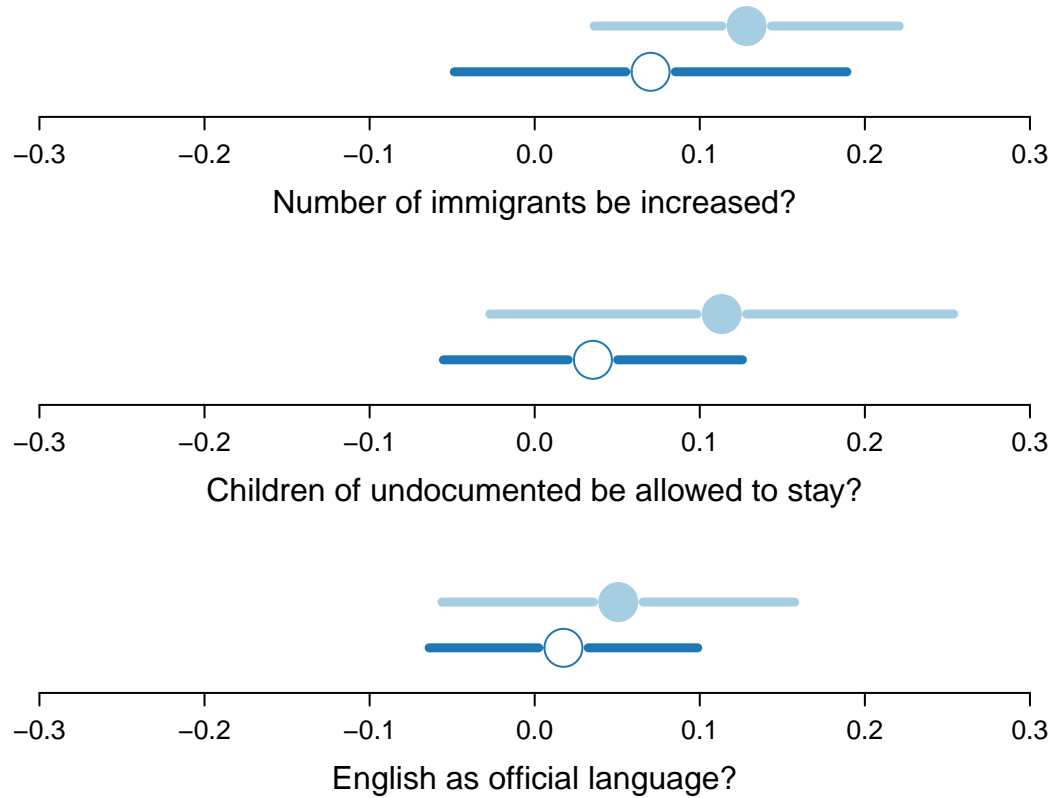


Number of immigrants be increased?



Children of undocumented be allowed to stay?



English as official language?

Table 2

|  | treatment=0 | treatment=1 | std.diff | z |
|---|---|---|---|---|
| liberal | 4.659674e-01 | 4.690357e-01 | 0.006136819 | 0.02994868 |
| republican | 1.672299e-01 | 1.866022e-01 | 0.050137789 | 0.24252154 |
| obama.disapprove | 2.711261e-01 | 2.940395e-01 | 0.049561295 | 0.23744501 |
| ride.everyday | 8.497568e-01 | 8.997346e-01 | 0.151578308 | 0.72285650 |
| voted.2010 | 7.652284e-01 | 6.601836e-01 | -0.237951502 | -1.12123562 |
| romney.voter | 2.443041e-01 | 2.154249e-01 | -0.066708640 | -0.33702309 |
| Hispanics.x | 5.815637e-02 | 4.865249e-02 | -0.070752759 | -0.33457205 |
| age | 4.466037e+01 | 4.042895e+01 | -0.353256170 | -1.63407619 |
| residency.new | 8.216726e+00 | 7.071175e+00 | -0.191389899 | -0.90718118 |
| hispanic.new | 2.819709e-02 | 5.102986e-02 | 0.114907675 | 0.58292364 |
| college | 8.859870e-01 | 8.647157e-01 | -0.064608656 | -0.30233405 |
| income.new | 1.447240e+05 | 1.380944e+05 | -0.087469407 | -0.44455287 |
| male | 6.044562e-01 | 6.016575e-01 | -0.005603986 | -0.02692159 |
| white | 9.096255e-01 | 8.335617e-01 | -0.238503801 | -1.24864724 |

Table 3 is not completed because the data and the information are not included in the link above.