Notes on Public Data and Analysis

Baird, S., McIntosh, C. and Ozler, B. 2011. Cash or condition? Evidence from a cash transfer experiment. *The Quarterly Journal of Economics*. 126, 1709-1753.

1. This document shows the output of the do file compared to the published values. On the tables that follow, “Same” and quotation marks indicate that identical numbers were generated using the clean dataset. Values highlighted and in red font indicate the numbers generated using the clean dataset, which were different than the published values.
2. Other notes:
   1. There is no code in the do file to generate Table IV (“Analysis of Reporting Bias on Enrollment”). This code can be found in the replication files for Baird, S. and Özler, B. (2012), “Examining the Reliability of Self-Reported Data on School Participation,” Journal of Development Economics, Vol. 98(1), pp. 89-93.
   2. Many of the values for “ever married” were slightly off in Round 3 when comparing the values generated from the code to the published values. This is due to additional cleaning of the data post-publication. All results remain qualitatively the same.

**TABLE I**

**ANALYSIS OF ATTRITION**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Dependent Variable | | | | | |
| (1) | (2) | (3) | (4) | (5) | (6) |
| =1 if surveyed in Round 3 | =1 if surveyed in all three Rounds | =1 if took educational tests | =1 if information found in Round 2 survey | =1 if information found in Round 3 school survey | =1 if legible ledger found |
| Conditional treatment | **same**  **“** | **same**  **“** | **same**  **“** | **same**  **“** | **same**  **“** | 0.116 **0.115**  (0.064) **same** |
| Unconditional treatment | **“**  **“** | **“**  **“** | **“**  **“** | **“**  **“** | **“** | 0.061 **0.060**  (0.077) **same** |
| Mean in the control group | **“** | **“** | **“** | **“** | **“** | 0.378 **0.379** |
| Number of observations | **“** | **“** | **“** | **“** | **“** | 821 **820** |
| Prob > *F* (Conditional = Unconditional) | **“** | **“** | **“** | **“** | **“** | 0.513 **same** |

**TABLE II**

**BASELINE MEANS AND BALANCE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Mean (s.d.) | | | |
| (1) | (2) | (3) | (4) |
| Control group | Conditional group | Unconditional group | p-value (Conditional- Unconditional) |
| Panel A: Household-level variables | | | | |
| Household size | **same**  **“** | **same**  **“** | **same**  **“** | **same**  **“** |
| Asset Index | **“**  **“** | **“**  **“** | **“**  **“** | **“**  **“** |
| Female-headed household | **“**  **“** | **“**  **“** | **“**  **“** | **“**  **“** |
| Mobile phone access | **“**  **“** | **“**  **“** | **“**  **“** | **“**  **“** |
| Household transfer amount | N/A | 6.991 **same**  (2.319) **2.970** | 6.829 **same**  (2.101) **2.245** | **“** |

**TABLE II**

**(CONTINUED)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Mean (s.d.) | | | |
| (1) | (2) | (3) | (4) |
| Control group | Conditional group | Unconditional group | p-value (Conditional- Unconditional) |
| Panel B: Individual-level variables | | | | |
|  |  |  |  |  |
| Age | **same**  **“** | **same**  **“** | **same**  **“** | **same** |
| Highest grade attended | 7.478 **7.479**  (1.634)  **(1.633)** | **“**  **“** | **“**  **“** | **“** |
| Mother alive | **same**  **“** | **“**  **“** | **“**  **“** | **“** |
| Father alive | **“**  **“** | **“**  **“** | **“**  **“** | **“** |
| Never had sex | **“**  **“** | **“**  **“** | **“**  **“** | **“** |
| Ever pregnant | **“**  **“** | **“**  **“** | **“**  **“** | **“** |
| Individual transfer amount | N/A | 3.090 **same**  (1.431) **1.548** | 3.033 **same**  (1.451) **1.438** | “ |
| Number of observations | **“** | **“** | **“** | **“** |

**TABLE III**

**PROGRAM IMPACT ON SCHOOL ENROLLMENT**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Panel A: Program impacts on *self-reported* school enrollment | | | | | | | | |
|  | Dependent variable: =1 if enrolled in school during the relevant term | | | | | | | |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|  | Year 1: 2008 | | | Year 2: 2009 | | | Year 3: 2010 | |
|  | Term 1 | Term 2 | Term 3 | Term 1 | Term 2 | Term 3 | Total terms (6 terms) | Term 1, post-program |
| Conditional treatment | **same**  **“** | **same**  **“** | **same**  **“** | 0.049 **0.048**  **same** | **same**  **“** | **same**  **“** | 0.233 **0.232**  **same** | **same**  **“** |
| Unconditional treatment | **“**  **“** | **“**  **“** | **“**  **“** | **“**  **“** | **“**  **“** | **“**  **“** | **“**  **“** | **“**  **“** |
| Mean in the control group | **“** | **“** | **“** | **“** | **“** | **“** | **“** | **“** |
| Number of observations | **“** | **“** | **“** | 2,087 **2,085** | 2,087 **2,085** | 2,087 **2,086** | 2,087 **2,084** | **“** |
| Prob > *F* (Conditional=Unconditional) | **“** | **“** | **“** | 0.299 **0.293** | 0.102 **0.100** | 0.098 **0.095** | 0.038 **0.037** | **“** |
| Panel B: Program impacts on *teacher-reported* school enrollment | | | | | | | | |
| Conditional treatment | **same**  **“** | **same**  **“** | **same**  **“** | **same**  **“** | **same**  **“** | **same**  **“** | **same**  **“** | **same**  **“** |
| Unconditional treatment | **“**  **“** | **“**  **“** | **“**  **“** | **“**  **“** | **“**  **“** | **“**  **“** | **“**  **“** | **“**  **“** |
| Mean in the control group | **“** | **“** | **“** | **“** | **“** | **“** | **“** | **“** |
| Number of observations | **“** | **“** | **“** | **“** | **“** | **“** | **“** | **“** |
| Prob > *F* (Conditional=Unconditional) | **“** | **“** | **“** | **“** | **“** | **“** | **“** | **“** |

**TABLE IV**

**ANALYSIS OF REPORTING BIAS ON ENROLLMENT**

**Code for Table IV is missing from the do file.**

**See the replication code for Table 4 in JDE paper**

**TABLE V**

**PROGRAM IMPACTS ON ATTENDANCE FROM SCHOOL LEDGERS**

**All values match.**

**TABLE VI**

**PROGRAM IMPACTS ON TEST SCORES**

**All values match.**

**TABLE VII**

**PROGRAM IMPACTS ON MARRIAGE AND PREGNANCY**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Dependent variable | | | |
| (1) | (2) | (3) | (4) |
| =1 if ever married | | =1 if ever pregnant | |
|  | Round 2 | Round 3 | Round 2 | Round 3 |
| Conditional treatment | **same**  **“** | -0.012 **-0.006**  **same** | **same**  **“** | **same**  **“** |
| Unconditional treatment | **“**  **“** | -0.079 **-0.076**  **same** | **“**  **“** | **“**  **“** |
| Mean in the control group | **“** | 0.180  **0.176** | **“** | **“** |
| Number of observations | **“** | 2,084 **2,086** | **“** | **“** |
| Prob > *F*  (Conditional = Unconditional) | **“** | 0.025 **0.019** | **“** | **“** |

**TABLE VIII**

**PREVALENCE OF BEING EVER MARRIED BY SCHOOL ENROLLMENT STATUS DURING TERM 1, 2010**

|  |  |  |  |
| --- | --- | --- | --- |
|  | (1) | (2) | (3) |
| Enrolled | Not enrolled | Total |
| Control, %  (row %) | 1.7 **0.4**  (59.8) **(57.5)** | 46.9 **42.4**  (40.2) **(42.5)** | 19.9 **18.2**  (100.0) **same** |
| Conditional treatment, %  (row %) | 0.5 **same**  (69.2) **(67.6)** | 50.8 **48.7**  (30.8) **(32.4)** | 16.0 **16.1**  (100.0) **same** |
| Unconditional treatment, %  (row %) | 0.3 **same**  (60.5) **(59.9)** | 25.2 **23.0**  (39.5) **(40.1)** | 10.1 **9.4**  (100.0) **same** |
| Total, %  (row %) | 1.1 **0.4**  (62.7) **(62.4)** | 44.2 **37.7**  (37.3) **(37.6)** | 17.2 **14.4** (100.0) **same** |

**TABLE IX**

**TEACHER-REPORTED SCHOOL ENROLLMENT AND MARITAL STATUS IN ROUND 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Dependent variable | | | |
| (1) | (2) | (3) | (4) |
| =1 if enrolled term 1 2010 | =1 if ever married | =1 if ever married | =1 if ever married |
| All | All | Enrolled | Not enrolled |
| Conditional treatment | **same**  (0.034) **(0.033)** | **same**  **“** | **same**  **“** | **same**  **“** |
| Unconditional treatment | -0.000 **0.001**  **same** | **“**  **“** | **“**  **“** | **“**  **“** |
| Mean in the control group | 0.598 **0.596** | 0.199 **0.191** | 0.017 **0.004** | **“** |
| Number of observations | 844 **847** | **same** | **same** | **“** |
| Prob > *F*  (Conditional = Unconditional) | 0.099 **0.108** | **“** | **“** | **“** |

**BO: This table needs to be updated: many of the cells that say the “same” don’t match.**

**TABLE X**

**HETEROGENITY OF PROGRAM IMPACTS BY AGE GROUP AT BASELINE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Dependent variable | | | |
| (1) | (2) | (3) | (4) |
| Total number of terms enrolled (school survey) | Standardized English test score | =1 if ever married | =1 if ever pregnant |
| Conditional treatment | **same**  **“** | **same**  **“** | -0.023 **-0.017**  **same** | **same**  **“** |
| Unconditional treatment | **“**  **“** | **“**  **“** | -0.051 **-0.046**  (0.020) **0.021** | **“**  **“** |
| =1 if Over 15 | **“**  **“** | **“**  **“** | 0.122 **0.126**  **same** | **“**  **“** |
| Conditional treatment \* Over 15 | **“**  **“** | **“**  **“** | 0.037 **0.036**  (0.056) **(0.055)** | **“**  **“** |
| Unconditional treatment \* Over 15 | **“**  **“** | **“**  **“** | -0.067 **-0.071**  **same** | **“**  **“** |
| Number of unique observations | **“** | **“** | 2,084 **2,086** | **“** |
| Prob > *F*  (Conditional = Unconditional) | **“** | **“** | 0.188 **0.184** | **“** |
| Prob > *F*  (Conditional \* Older = Unconditional \* Older) | **”** | **”** | 0.097 **0.087** | **”** |

**TABLE XI**

**IMPACTS OF HOUSEHOLD AND INDIVIDUAL TRANSFER AMOUNTS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Dependent variable | | | |
| (1) | (2) | (3) | (4) |
| Total number of terms enrolled (school survey) | Standardized English test score | =1 if ever married | =1 if ever pregnant |
| Conditional treatment, individual amount | **same**  **“** | **same**  **“** | -0.02 **-0.002**  **same** | **same**  **“** |
| Unconditional treatment, individual amount | **“**  **“** | **“**  **“** | **“**  **“** | **“**  **“** |
| Conditional treatment, household amount | **“**  **“** | **“**  **“** | 0.001 **0.000**  **same** | **“**  **“** |
| Unconditional treatment, household amount | **“**  **“** | **“**  **“** | **“** | **“**  **“** |
| Conditional treatment, minimum transfer amounts | **“**  **“** | **“**  **“** | -0.011 **-0.003**  **same** | **“**  **“** |
| Unconditional treatment, minimum transfer amounts | **“**  **“** | **“**  **“** | 0.001 **0.003**  (0.040) **0.041** | **“**  **“** |
| Number of unique observations | **“** | **“** | 2,084 **2,086** | **“** |
| Prob > *F* (Conditional = Unconditional), individual amount | **“** | **“** | **same** | **“** |
| Prob > *F* (Conditional = Unconditional), household amount | **“** | **“** | 0.069 **0.086** | **“** |
| Prob > *F* (Conditional = Unconditional), minimum amount | **“** | **“** | 0.834 **0.911** | **“** |

**BO: The numbers don’t match: I think it’s because baseline controls did not get reset after heterogeneity by age. Should have age dummies rather than above 15.**