

README file for replication of “Housing, Health and Happiness,” American Economic Journal: Economic Policy (20070024).

The ZIP file *AEJPol-20070024_data.zip* contains the following files:

- (1) *README.pdf*: this file.
- (2) *PisoFirme_AEJPol-20070024_household.dta*: dataset with information at the household level. Includes data from both the 2000 Mexican Census and the 2005 Survey.
- (3) *PisoFirme_AEJPol-20070024_individual.dta*: dataset with information at the individual level. Includes data from the 2005 Survey.
- (4) *PisoFirme_AEJPol-20070024_STATA-replication-code.do*: STATA do file for replication of Tables 1 through 7. This file computes all the results in these tables and uses both datasets described in (2) and (3). In addition this code calls the MATA program in the file *PisoFirme-MATA-MoransI.do* to compute the Moran’s I Tests for all the regressions in Tables 4 through 7.

To run the replication file *PisoFirme_AEJPol-20070024_STATA-replication-code.do* you need a version of STATA that has MATA (this code was written and tested using STATA 9.2). This code only requires the specification of the path where the data and do-files are stored in line 36. The default is “C:”, but this needs to be changed accordingly. For example, for a Windows user who decompressed the zip file in the “My Documents” folder, the correct path would be “C:\Documents and Settings\username\My Documents”, where **username** must be replaced by the correct user name in the computer. Similarly, for a Linux/Unix user who decompressed the files in the home directory, the correct path would be “~”.

Description of Variables in *PisoFirme_AEJPol-20070024_household.dta*.

<i>dpisofirme</i>	Treatment Indicator (=1 Torreon; =0 Durango)
<i>idcluster</i>	ID Census Block
<i>coord_x</i>	X-coordinate of census block geographical location
<i>coord_y</i>	Y-coordinate of census block geographical location
<i>idmun</i>	ID Municipality
<i>idmza</i>	ID Block within Census-Block
<i>C_blocksdirtyfloor</i>	2000 Census - Proportion blocks of houses with 1+ houses that has dirt floors
<i>C_HHdirtyfloor</i>	2000 Census - Proportion of households with dirt floors
<i>C_child05</i>	2000 Census - Average number of children between 0-5 yrs
<i>C_households</i>	2000 Census - Number of households
<i>C_people</i>	2000 Census - Number of people
<i>C_rooms</i>	2000 Census - Average number of rooms per household
<i>C_HHpersons</i>	2000 Census - Average number of people per household
<i>C_waterland</i>	2000 Census - Proportion of households with no water connection outside house
<i>C_waterhouse</i>	2000 Census - Proportion of households with no water connection inside house
<i>C_waterbath</i>	2000 Census - Proportion of households with no water connection in bathroom
<i>C_gasheater</i>	2000 Census - Proportion of households with no gas heater
<i>C_refrigerator</i>	2000 Census - Proportion of households with no refrigerator
<i>C_washing</i>	2000 Census - Proportion of households with no washing machine
<i>C_telephone</i>	2000 Census - Proportion of households with no telephone
<i>C_vehicle</i>	2000 Census - Proportion of households with no vehicle
<i>C_overcrowding</i>	2000 Census - Average overcrowding index
<i>C_poverty</i>	2000 Census - Proportion of households below the poverty line
<i>C_illiterate</i>	2000 Census - Proportion of households with illiterate members

C_headeduc	2000 Census - Average years of schooling of head of household
C_dropouts515	2000 Census - Average number of school dropouts among children aged 5-15 yrs
C_employment	2000 Census - Average number of household members who work
C_earnincome	2000 Census - Average number of family members who earn an income
S_HHpeople	2005 Survey - Number of household members
S_headage	2005 Survey - Head of household's age
S_spouseage	2005 Survey - Spouse's age
S_headeduc	2005 Survey - Head of household's years of schooling
S_spouseeduc	2005 Survey - Spouse's years of schooling
S_rooms	2005 Survey - Number of rooms
S_waterland	2005 Survey - Water connection (=1)
S_waterhouse	2005 Survey - Water connection inside the house (=1)
S_electricity	2005 Survey - Electricity (=1)
S_cementfloor2000	2005 Survey - Share of rooms with cement floors in 2000
S_hasanimals	2005 Survey - Household has animals on land (=1)
S_animalsinside	2005 Survey - Animals allowed to enter the house (=1)
S_garbage	2005 Survey - Uses garbage collection service (=1)
S_washhands	2005 Survey - Number of times respondent washed hands the day before
S_incomepc	2005 Survey - Total household income per capita
S_assetspc	2005 Survey - Total value of household assets per capita
S_shpeoplework	2005 Survey - Proportion of household members who work
S_microenter	2005 Survey - Household operates a microenterprise (=1)
S_hrsworkedpc	2005 Survey - Hours worked by household members per capita
S_consumptionpc	2005 Survey - Total household consumption per capita
S_cashtransfers	2005 Survey - Transfers per capita from government programs
S_milkprogram	2005 Survey - Household beneficiary of government milk supplement program (=1)
S_foodprogram	2005 Survey - Household beneficiary of government food program (=1)
S_dem1	2005 Survey - Proportion of Males 0-5yrs in household
S_dem2	2005 Survey - Proportion of Males 6-17yrs in household
S_dem3	2005 Survey - Proportion of Males 18-49yrs in household
S_dem4	2005 Survey - Proportion of Males 50+yrs in household
S_dem5	2005 Survey - Proportion of Females 0-5yrs in household
S_dem6	2005 Survey - Proportion of Females 6-17yrs in household
S_dem7	2005 Survey - Proportion of Females 18-49yrs in household
S_dem8	2005 Survey - Proportion of Females 50+yrs in household
S_seguropopular	2005 Survey - Household beneficiary of seguro popular (=1)
S_shcementfloor	2005 Survey - Share of rooms with cement floors
S_cementfloorkit	2005 Survey - Cement floor in kitchen
S_cementfloordin	2005 Survey - Cement floor in dining room
S_cementfloorbat	2005 Survey - Cement floor in bathroom
S_cementfloorbed	2005 Survey - Cement floor in bedroom
S_satisfloor	2005 Survey - Satisfaction with floor quality
S_satishouse	2005 Survey - Satisfaction with house quality
S_satislife	2005 Survey - Satisfaction with quality of life
S_cesds	2005 Survey - Depression Scale (CES-D Scale)
S_pss	2005 Survey - Perceived Stress Scale (PSS)
S_instcement	2005 Survey - Installation of cement floor
S_instsanita	2005 Survey - Construction/expansion of sanitation facilities
S_restdsanita	2005 Survey - Restoration of sanitation facilities
S_constceili	2005 Survey - Construction of ceiling
S_restowalls	2005 Survey - Restoration of walls
S_improveany	2005 Survey - Any house expansion (excluding installation of cement floors)
S_logrent	2005 Survey - Log of self-reported rental value of house
S_logsell	2005 Survey - Log of self-reported sale value of house

Description of Variables in *PisoFirme_AEJPol-20070024_individual.dta*.

dpisofirme	Treatment Indicator (=1 Torreón; =0 Durango)
idcluster	ID Census Block
coord_x	X-coordinate of census block geographical location
coord_y	Y-coordinate of census block geographical location
idmun	ID Municipality
idmza	ID Block within Census-Block
S_age	2005 Survey - Age
S_gender	2005 Survey - Male (=1)
S_childma	2005 Survey - Mother of at least one child in household present (=1)
S_childmaage	2005 Survey - Mother's age (if present)
S_childmaeduc	2005 Survey - Mother's years of schooling (if present)
S_childpa	2005 Survey - Father of at least one child in household present (=1)

S_childpaage	2005 Survey - Father's age (if present)
S_childpaeduc	2005 Survey - Father's years of schooling (if present)
S_HHpeople	2005 Survey - Number of household members
S_rooms	2005 Survey - Number of rooms
S_parcount	2005 Survey - Parasite count
S_diarrhea	2005 Survey - Diarrhea
S_anemia	2005 Survey - Anemia
S_mccdts	2005 Survey - McArthur Communication Development Test score
S_pbdypct	2005 Survey - Picture Peabody Vocabulary Test percentile score
S_haz	2005 Survey - Height-for-age z-score
S_whz	2005 Survey - Weight-for-height z-score
S_respira	2005 Survey - Respiratory diseases
S_skin	2005 Survey - Skin diseases
S_otherdis	2005 Survey - Other diseases
S_malincom	2005 Survey - Log total income of mothers of children 0 - 5 yrs
S_palincom	2005 Survey - Log total income of fathers of children 0 - 5 yrs
dtriage_0_02_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_0_35_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_0_68_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_0_911_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_0_02_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_0_35_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_0_68_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_0_911_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_1_02_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_1_35_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_1_68_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_1_911_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_1_02_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_1_35_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_1_68_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_1_911_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_2_02_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_2_35_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_2_68_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_2_911_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_2_02_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_2_35_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_2_68_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_2_911_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_3_02_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_3_35_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_3_68_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_3_911_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_3_02_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_3_35_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_3_68_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_3_911_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_4_02_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_4_35_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_4_68_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_4_911_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_4_02_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_4_35_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_4_68_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_4_911_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_5_02_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_5_35_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_5_68_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_5_911_male	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_5_02_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_5_35_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_5_68_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
dtriage_5_911_female	2005 Survey - (Trimester*Gender) Dummy for children 0-5yrs
S_waterland	2005 Survey - Water connection (=1)
S_waterhouse	2005 Survey - Water connection inside the house (=1)
S_electricity	2005 Survey - Electricity (=1)
S_milkprogram	2005 Survey - Household beneficiary of government milk supplement program
S_foodprogram	2005 Survey - Household beneficiary of government food program (=1)
S_seguropopular	2005 Survey - Household beneficiary of seguro popular (=1)
S_hasanimals	2005 Survey - Household has animals on land (=1)

S_animalsinside	2005 Survey - Animals allowed to enter the house (=1)
S_garbage	2005 Survey - Uses garbage collection service (=1)
S_washhands	2005 Survey - Number of times respondent washed hands the day before
S_incomepc	2005 Survey - Total household income per capita
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S_assetspc	2005 Survey - Total value of household assets per capita