Program Files for" Immigrant Networks and Their Implications for Occupational Choice and Wages"
Krishna Patel, Francis Vella
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All programs are run using STATA v 9.2

Folders

- Data:
  - "Census": folder which contains the datasets downloaded from IPUMS-USA, census data administered by the University of Minnesota Population Center. https://usa.ipums.org/usa/
  - Due to the large size of the census files, the datasets are downloaded only a few variables at a time and are saved in pieces. They are contained in the "Census" folder
- Data sets:
  - "immigrants" census datasets for 1980, 1990, 2000 for only immigrants (contains data set of all the variables downloaded from IPUMS)
  - "immigrants and natives": contains census datasets for select variables needed to construct population variables for immigrant and natives.
- Regressions, Output and Log
  - "reg_gender": contains do files and data sets separated by gender
  - "reg_gender\Feb_2011_Revisions": contains do files for pseudo panel regressions, individual occupation regressions, individual wage regressions, regression output (noted 'output' in the folder name), and log files (noted "log" in the folder name)
  - "reg 4 NIS": contains NIS data and .do files for robustness regressions
- STATA programs
  - "multicluster ado files" contain ado files for regressions with three-way clustered standard errors. The programs are based on the file cgmreg.ado found on http://gelbach.law.yale.edu/~gelbach/ado/cgmreg.ado

Variables Downloaded from IPUMS USA

2000	1980	1990
year	year	year
datanum	datanum	datanum
serial	serial	serial
statefip	statefip	statefip
metaread	metaread	metaread
pernum	pernum	pernum
perwt	perwt	perwt
age	age	age
sex	sex	sex
bpl	bpl	bpl
bpld	bpld	bpld
citizen	citizen	citizen
yrimmig	yrimmig	yrimmig

speakeng	speakeng	speakeng
educ99	educrec	educ99
empstatd	empstatd	empstatd
occ1990	occ1990	occ1990
wkswork1	wkswork1	wkswork1
wkswork2	wkswork2	wkswork2
hrswork1	hrswork1	hrswork1
hrswork2	hrswork2	hrswork2
uhrswork	uhrswork	uhrswork
incwage	incwage	incwage

Do files that generate data:

Do File	Description	Input dataset	Output dataset
census_5pc_summ.do	Dataset of population variables (used for summary tables)	Data files in "census" folder	census00_5pc_occmet.dta census90_5pc_occmet.dta census80_5pc_occmet.dta
census_5pc_summ_wage.do	Dataset of wage aggregates (used for summary tables)	Native and immigrants\ census00_5pc_all census90_5pc_all census80_5pc_all *these datasets are derived from original download files in the "census" folder	census00_5pc_occmet_wg.dta census90_5pc_occmet_wg.dta census80_5pc_occmet_wg.dta
census_fb_summ.do	Dataset of immigrant population characteristics aggregates	Immigrants \ census00_foreignborn.dta census90_foreignborn.dta census80_foreignborn.dta	census00_fb_occ.dta census90_fb_occ.dta census80_fb_occ.dta
reg_gender\population datasets do files population data gender	Dataset of population variables	native and immigrants\ census00_5pc_all census90_5pc_all census80_5pc_all	reg_gender\ F_census00_5pc_occmet.dta F_census90_5pc_occmet.dta F_census80_5pc_occmet.dta M_census00_5pc_occmet.dta M_census90_5pc_occmet.dta M_census80_5pc_occmet

			.dta
Immigrants\merge.do	Combines variables into one dataset for only immigrants	"immigrants\census00_1a_foreignborn.dta" census00_2a_foreignborn.dta census00_2b_foreignborn.dta census00_2c_foreignborn.dta census00_3_foreignborn.dta census90_2c_foreignborn.dta; census90_2a_foreignborn.dta; census90_2b_foreignborn.dta; census80_1_foreignborn.dta; census80_2c_foreignborn.dta; census80_2a_foreignborn.dta; census80_2b_foreignborn.dta; census80_3_foreignborn.dta; *these datasets contain the raw census data from IPUMS,	immigrants\ census00_foreignborn.dta census90_foreignborn.dta, census80_foreignborn.dta
reg gender\population datasets do files \ immigrant data female.do immigrant data male.do	Individual level dataset by gender	immigrants\ census00_foreignborn.dta census90_foreignborn.dta census80_foreignborn.dta	reg_gender\ F_census00_imm.dta F_census90_imm.dta F_census80_imm.dta M_census00_imm.dta M_census90_imm.dta M_census80_imm.dta
reg_gender\population datasets do files\ ivdata_rev female.do ivdata_rev male.do	IV data by gender	native and immigrants\ census70.dta census80.dta census90.dta	reg_gender\ F_census70_occdist.dta F_census80_occdist.dta F_census90_occdist.dta M_census70_occdist.dta M_census80_occdist.dta M_census90_occdist.dta
reg_gender\population datasets do files\ popupation data gender.do		native and immigrants\ census00_5pc_all census90_5pc_all census80_5pc_all *these dataset contain the raw census data from IPUMS	reg_gender\ F_census00_5pc_occmet.dta F_census90_5pc_occmet.dta F_census80_5pc_occmet.dta M_census00_5pc_occmet.dta M_census90_5pc_occmet.dta M_census80_5pc_occmet.dta
reg_gender\population datasets do files\ ivdata_rev_us_occ	Population variables of the	native and immigrants\ census70.dta census80.dta census90.dta	reg_gender\ F_census70_occdist_us_occ.dta F_census80_occdist_us_occ

female	occupation (national level)	reg_gender\ F_census70_rank_us.dta F_census80_rank_us.dta F_census90_rank_us.dta M_census70_rank_us.dta M_census80_rank_us.dta M_census90_rank_us.dta	.dta F_census90_occdist_us_occ .dta M_census70_occdist_us_occ .dta M_census80_occdist_us_occ .dta M_census90_occdist_us_occ .dta
reg_gender\population datasets do files\rank data female.do rank data male.do	Ranks the occupations to determine popular occupation in the metropolitan area of the established immigrant group	Reg gender\ F_census00_imm.dta F_census90_imm.dta F_census80_imm.dta M_census00_imm.dta M_census90_imm.dta M_census80_imm.dta	Reg gender\ F_census00_rank.dta F_census90_rank.dta F_census80_rank.dta M_census00_rank.dta M_census90_rank.dta M_census80_rank.dta
Reg1\edu data.do	Dataset of average education by occupation	"native and immigrants\ census00_5pc_all.dta census90_5pc_all.dta census80_5pc_all.dta	reg1\census00_edu reg1\census90_edu reg1\census80_edu
reg_gender\population datasets do files\rank data edu female.do rank edu data male.do	Generates mean education variable of the popular occupation	Reg gender\ F_census00_imm.dta F_census90_imm.dta F_census80_imm.dta M_census00_imm.dta M_census90_imm.dta M_census80_imm.dta Dataset of average education by occupation reg1\census00_edu reg1\census90_edu reg1\census80_edu	reg_gender\ F_census00_rank_edu.dta F_census90_rank_edu.dta F_census80_rank_edu.dta M_census00_rank_edu.dta M_census90_rank_edu.dta M_census80_rank_edu.dta

Do file for Tables:

Table in Paper	**File Name**
Table 1, Table 2, Table 3	"census_5pc_intro_table.do"
Table 4 (IV Occupation Regression)	"reg gender\Feb_2011_Revisions\occ regressions do file\IV_multicluster.do
Table 5 (Panel Regression)	"reg gender\Feb_2011_Revisions\pseudo panel do file\panel_multicluster.do
Table 6 (IV Occupation Regression: High School Education or Less)	"reg gender\Feb_2011_Revisions\occ regressions do file\IV_multicluster_edu.do"

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Table 7 (IV Occupation Regression: High School Education or Less and Speak English Poorly)	"reg gender\Feb_2011_Revisions\occ regressions do file\IV_multicluster_edu_eng.do"
Table 8 (IV Occupation Regression: Low Skilled Occupations	"reg gender\Feb_2011_Revisions\occ regressions do file\IV_multicluster_occ_edu.do"
Table 9 (IV Wage Regression: Hourly Wage) and Table 10 (IV Wage Regression:Weekly Wage)	"reg_gender\Feb_2011_Revisions\wage regressions do file\IV_wage_multicluster.do"
Table 12 (Summary Statistics)	"sum stats\data_stats.do", "sum stats\data_stats_iv3.do", "sum stats\data_stats_wages.do",