Readme File for

One-Child Policy, Marriage Distortion, and Welfare Loss

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1. List of replication scripts

Table 1 provides a comprehensive list of all the scripts utilized in generating the results presented in the paper, along with a brief description of each script's corresponding table or figure. The table below identifies the specific Stata do file and input data sets utilized in the creation of each figure and table featured in the paper.

Table 1 List of replication scripts

.do File	Input Data Set(s)	Outputs	Table/Figure
1Marriage	unmarried.dta min_marr_policy.dta	marriage_fine_prov.xls	Table 1
			Appendix Table A3
		unmarried_han_res.pdf	Appendix Figure A10(a)
		unmarried_mino_res.pdf	Appendix Figure A10(b)
		homo_treat_res.pdf	Appendix Figure A10(c)
		homo_cntl_res.pdf	Appendix Figure A10(d)
2Fertility	unmarried.dta	birth_fine_prov.xls	Table 2

.do File	Input Data Set(s)	Outputs	Table/Figure
	min_marr_policy.dta		Appendix Table A5
		n_birth_fine_han_res.pdf	Appendix Figure A10(e)
		n_birth_fine_mino_res.pdf	Appendix Figure A10(f)
3Match	min_marr_policy.dta	marriage_match_prov.xls	Table 3
4F-stat	unmarried.dta min_marr_policy.dta	marriage_f_test.xls	Table 1
		birth_f_test.xls	Table 2
		match_f_test.xls	Table 3
5Figure	unmarried.dta min_marr_policy.dta	unmarried_han_cohort.pdf	Figure 1(a)
		unmarried_mino_cohort.pdf	Figure 1(b)
		homo_policy_cohort.pdf	Figure 2(a)
		homo_nonpolicy_cohort.pdf	Figure 2(b)
		homo_policy.pdf	Appendix Figure A4(a)
		homo_policy_condition.pdf	Appendix Figure A4(b)
		n_birth_cohort.pdf	Figure 3(a)
		n_birth_cohort_mino.pdf	Figure 3(b)
		fig_imp_marriage_child0.pdf	Figure 5(a)
		fig_imp_marriage_child1.pdf	Figure 5(b)
6Marriage_Age	unmarried.dta min_marr_policy.dta	unmarried_agegrp_han.pdf	Figure 4(a)
		unmarried_age_han.pdf	Figure 4(b)
		unmarried_agegrp_min.pdf	Figure 4(c)
		unmarried_age_mino.pdf	Figure 4(d)

.do File	Input Data Set(s)	Outputs	Table/Figure
		unmarried_age_coh.pdf	Appendix Figure A5(a)
		unmarried_agegrp_coh.pdf	Appendix Figure A5(b)
Table_A2	unmarried.dta min_marr_policy.dta	sum_sub.xls	Appendix Table A2
		sum_birth_sub.xls	
Table_A4A9&Figure_A6A7	unmarried.dta min_marr_policy.dta unmarr_coef.dta HM_coef.dta	marriage_dynamic_unmarr.xls	Appendix Table A4
		marriage_dynamic_HM.xls	Appendix Table A9
		unmarr_dynamic_noedu.pdf	Appendix Figure A6
		H-M_mino_dynamic_noedu.pdf	Appendix Figure A7
Table_A6	unmarried.dta min_marr_policy.dta	birth_decomp.xls	Appendix Table A6
Table_A7	60years.dta fines_use.dta	econ_con.xls	Appendix Table A7
Table_A8	fuzzydid_unmarr.dta fuzzydid_group.dta fuzzy_did_hm.dta fuzzydid_group_hm.dta	(Directly from Stata)	Appendix Table A8
Table_A10	unmarried.dta min_marr_policy.dta	marriage_fine_age.xls	Appendix Table A10
Table_A11&Figure_A8	unmarried.dta min_marr_policy.dta fines_use.dta	fertility_dis.pdf	Appendix Figure A8(a)
		birth_fine_age.xls	Appendix

.do File	Input Data Set(s)	Outputs	Table/Figure
			Table A11
		dynamic_fer.pdf	Appendix Figure A8(b)
Table_A12A13	unmarried.dta min_marr_policy.dta fines_use.dta	marriage_fine_mig_prov.xls	Appendix Table A12
		marriage_fine_robust_prov.xls	Appendix Table A13
		birth_fine_robust_prov.xls	
Table_A14A19	unmarried.dta min_marr_policy.dta 60years.dta	marriage_fine_additional.xls	Appendix Table A14
		marriage_fine_edu.xls	Appendix Table A19
Table_A15A16	unmarried.dta min_marr_policy.dta	remarriage_fine_prov.xls	Appendix Table A15
		marriage_fine_fstmarr_prov.xls	Appendix Table A16
Table_A17	unmarried.dta min_marr_policy.dta census_00_10_divorce.dta	divorce_fine_prov.xls	Appendix Table A17
Table_A18	unmarried.dta min_marr_policy.dta	marriage_femine.xls	Appendix Table A18
Table_A20	ocp_uhs_reg.dta	OCP_married_uhs.xls	Appendix Table A20
Figure_A9	unmarried.dta min_marr_policy.dta	unmarried_han.pdf	Appendix Figure A9(a)
		unmarried_min.pdf	Appendix Figure A9(b)
		HM_han_con.pdf	Appendix

.do File	Input Data Set(s)	Outputs	Table/Figure
			Figure A9(c)
		HM_min_con.pdf	Appendix Figure A9(d)

2. Data Access and Documentation

2.1 Public available data

The 'China 60 years Provincial Level data' dataset (60years.dta) offers a comprehensive account of the country's economy, politics, culture, society, ecology, national defense, and diplomacy across all provinces over a period of sixty years. Further details about this dataset can be found at https://tongji.cnki.net/overseas/engnavi/HomePage.aspx?id=N2010042091&name=YXZLL&floor=1. The authors obtained a copy of the dataset through an online purchase and are sharing it here.

One-Child Policy fine(fines_use.dta). Based on the data from Scharping (2003), the OCP fines are calculated as a multiplier of annual household disposable income at the province level.

2.2 Proprietary data

As indicated in our initial communication to the Editors of the *Review of Economics and Statistics*, we regret that we cannot disclose the Census data or Urban Household Survey (UHS) data used in our paper due to our data use agreement with the National Bureau of Statistics. However, there are three requirements that potential researchers can follow to gain access to the proprietary data:

2.2.1 Collaborate with the data centers supported by the National Bureau of Statistics of the People's Republic of China on a relevant research project that involves the use of the data.

2.2.2 Submit a data application and proposal in person to the National Bureau of Statistics in China and obtain their formal approval.

2.2.3 Obtain approval from the National Bureau of Statistics, which will then share the official sample of the data with approved scholars under certain conditions.

Each year, the bureau has some collaborative projects with scholars, which enables them to access the data. Our own access to the data was obtained through collaborative projects and a Data Use Agreement. We are aware that some scholars in China may have access to a different version of the confidential data due to the strict selection process for collaborative projects with the Census Bureau. We have replicated our results using this sample and found them to be consistent and close. However, researchers should ensure that variable names are consistent across different datasets.,

To assist other researchers in replicating our results, we have provided detailed do files online that explain how we obtained our results, as well as automatically generated original result files for verification. For those who wish to replicate some of our results using different models or details of our sample, please contact the corresponding authors of this paper and send your Stata codes to us. We will be happy to assist you in obtaining the results and providing relevant log files and results. As per our data use agreement, we are not authorized to grant data access to anyone else.

2.3 Documentation of the proprietary data

The original questionnaires are also provided, including 2000 Census.pdf, 2005 年全国 1%人口抽样调查表.xls, 2010 Census_1.jpg, 2010 Census_2.jpg, UHS-questionnaire-CHN.doc. These are original data we get from the National Bureau of Statistics.