Data Replication README for Human Capital Affects Religious Identity: Causal Evidence from Kenya

October 16, 2023

These files produce the results presented in Livia Alfonsi, Michal Bauer, Julie Chytilová, Edward Miguel "Human Capital Affects Religious Identity: Causal Evidence from Kenya."

In the replication package, there are 2 sub-folders, containing the data and do files. To replicate the results in the paper, navigate to the "do" folder. Running the "Master.do" in the "do" folder will create a new folder names "tables_and_figures" in the root directory, utilize the datasets in the "data" folder, and produce the output in the new folder.

In what follows, we describe each file in turn, and provide any additional instructions on using that file.

1 Data Folder

There are three datasets used in the analysis:

1. **Religiosity_Panel.dta** is the main analysis dataset, and contains individual×round level measures and controls for PSDP respondents of the KLPS Rounds 1-4 (excluding those in the Technical and Vocational Vouchers Program (VocEd) treatment group for KLPS-3 and KLPS-4 respondents, and excluding those in the Start-up Capital for Youth (SCY) treatment group for KLPS-4 respondents. This dataset is used to produce most results in the paper and appendices.
2. **Religiosity_Crosssection.dta** contains individual level measures and controls for aforementioned PSDP respondents. This dataset also contains each respondent's history of religion affiliation from 1998 to 2021. This dataset is used to create Table 1, Table A2, Table A3, Table A16, Table A17, Figure 1 and Figure A1 in the paper.
3. **Experts.dta** contains the Experts Survey respondents information and survey results. It is used to create Table A14 and Figure A6.

2 Do Files

1. **Master.do** is used to produce the tables, figures, and in-text results presented in the paper. Before running this do file, you will need to update the global directory (line 25) for your primary directory. This do file calls upon Religiosity_Analysis.do and Experts_Descriptives.do described below.
2. **Religiosity_Analysis.do** creates the vast majority of tables, figures, and in-text results. It calls upon Religiosity_Panel.dta and Religiosity_Crosssection.dta. Specifically, this do files produces:
   (a) Table 1: Comparing members of Pentecostal churches and Traditional churches
   (b) Table 2: Human capital, the choice of religious denomination and religiosity: Descriptive evidence
   (c) Table 3: The effect of the deworming treatment on the choice of religious denomination and religiosity
   (d) Table A2: Religious practices and beliefs

(e) Table A3: Religious practices and beliefs – more detailed classification of churches

(f) Table A4: List of religious denomination reported by the respondents and their classification into Traditional Christian, Pentecostal and Other categories

(g) Table A5: Correlations between measures of human capital and the choice of religious denomination - more detailed classification of churches

(h) Table A6: Correlations between measures of human capital and components of the Religiosity index

(i) Table A7: The effect of the deworming treatment on the individual components of the Religiosity index

(j) Table A8: The effect of the deworming treatment on the choice of religious denomination using multinomial logit regression – more detailed classification of churches

(k) Table A9: The effect of the deworming treatment on the choice of religious denomination and religiosity, across the four KLPS rounds

(l) Table A10: The effect of the deworming treatment on the choice of religious denomination and religiosity among the sub-sample of older respondents, across the four KLPS rounds

(m) Table A11: The effect of the deworming treatment on the choice of religious denomination and religiosity among the sub-sample of younger respondents, across the four KLPS rounds

(n) Table A12: The effect of the deworming treatment on the choice of religious denomination and religiosity by gender

(o) Table A15: Treatment effect on confidence in modern science and medicine

(p) Table A16: School Intraclaster Correlation

(q) Table A17: Effect of Peer Pastors on the Conversion of Non-Pastor School Mates, KLPS 4 Sample Only

(r) Figure 1: Development of the share of respondents affiliated with Traditional Christian, Pentecostal and Other religious denominations

(s) Figure 2: The effects of the deworming treatment on the likelihood of being a member of Pentecostal churches, across the four survey rounds

(t) Figure A1: Development of the share of respondents affiliated with different religious denominations -more detailed classification

(u) Figure A2: Development of importance of religion and church attendance

(v) Figure A3: The effects of the deworming treatment on the likelihood of being a member of Pentecostal churches (conservative classification), across the four survey rounds

3. **Experts_Descriptives.do** creates one table and one figure using the Experts Survey data. Specifically, the do files creates:

   (a) Table A14: Expert Survey - Information about the sample

   (b) Figure A6: Experts' forecasts of the effects of the deworming treatment on religiosity and choice of religious denomination

4. **Programs.do** defines helpful programs Religiosity_Analysis.do calls upon to create tables and figures.

3 Notes

Table A1, A13, and Figure A4, A5 in the paper are borrowed from the Kenya Life Panel Survey team. Please contact Michael Walker (mwwalker@berkeley.edu) for information regarding those descriptives.