Readme

Folder: 3. Lesson Data

This folder contains:

- svyIVR-Attendance-Data-Layout.docx

- IVR-Quiz-Data-Layout.docx

- svyIVR_attendance_raw.csv

- IVR_quiz.csv

- IVR_Lessons_Data.do - Stata do file for cleaning, and labeling variables and values.

Notes:

The data in this folder are used to construct the variables needed to perform the data analysis reported in Table 5, Table B9 and some of the figures in the online appendix. The analysis was not specified in the pre-analysis plan and was performed in response to suggestions by reviewers during the review process.

The data file svyIVR_attendance_raw.csv contains data from the IVR lesson attendance sheets (paper copies) that household returned. Each household recorded (ticked) the lessons they accessed/completed during the program period and returned these sheets to us. The records were then entered by fieldworkers. Fieldworkers verified with households that returned blank attendance sheets whether they ever accessed or completed any lesson in a module. If all lessons of a particular module were left blank, but the household had ever accessed or completed any of them, fieldworkers would indicate that the module was ever accessed or completed. Fieldworkers were unable to verify with a few households that returned blank sheets after repeatedly contacting them. Some households also did not return their IVR lesson attendance sheets.

The data file IVR_quiz.csv came from the IVR server. IVR server recorded responses to quizzes in the literacy and numeracy modules. The leadership module did not contain any quiz question, so quiz completion and repeated data are not available for the leadership module. The quiz completion and repeated data could only be linked to children if the phone numbers provided by them could be linked to those on the IVR server.

The do file IVR_Lessons_Data.do merges svyIVR_attendance_raw.csv with IVR_quiz.csv and generates variables used for analysis. Since households might call the IVR server using phone numbers that they did not register with the partner organization and the attendance sheets they returned may contain self-reporting errors, both the self-reported data and server data are used to construct variables related to the specific lessons they completed. We could only use quiz repeated data from the IVR server to construct lesson repeated variables as the IVR lesson attendance sheet did not contain such information.

To-Do:

Open *IVR_Lessons_Data.do* and execute. This do file will prepare the IVR lesson data and save in this current directory for later use.