

Who did Covid-19 hurt the most in Sub-Saharan Africa?

Reproducibility package README

This reproducibility package includes the code that reproduces the exhibits in “*Who did Covid-19 hurt the most in Sub-Saharan Africa?*”, by Feraud Tchuisseu Seuyong, Ifeanyi Edochie, David Newhouse, and Ani Rudra Silwal. Data are not included in the reproducibility package due to sharing restrictions in the datasets used.

Reproducibility instructions

In the “01_master.do” file, the global “path” of line 16 should be set to the folder containing the subdirectories for the code and data. The globals “code” and “data” are then set automatically using the value of “path”.

Data availability statement

This reproducibility package uses two source datasets.

The first is the harmonized High Frequency Phone Survey (HFPS) data compiled by the Data for Goals Group of the Poverty Global Practice. The raw data for the HFPS is restricted and cannot be shared. Data was accessed June 2022. Replicators can request access to the data to Carolina Diaz-Bonilla (cdiazbonilla@worldbank.org), Gabriel Lara Ibarra (glaraibarra@worldbank.org), and Daniel Mahler (dmahler@worldbank.org).

The second is the harmonized Global Monitoring Database (GMD), maintained by the Sub-Saharan Africa Data team of the Poverty GP. The raw data from the GMD cannot be shared externally but can be accessed within the World Bank. Data was accessed in September 2021. Replicators can request access at data4goals@worldbank.org.

Do-file - output linkage

Table 1 shows the correspondence between the programs and the exhibits in the paper

File	Tables	Figures
03_S2S.do	Appendix Table 2	
05_Imputation_model.do	Appendix Table 3	
07_Compare_HFPS_GMD.do		1
08_Graphs_by_quintiles.do		2a,2b,4a,5a,5b,5c,6a,6b
09_Graphs_of_evolution_of_impact.do	1	2c,2d,3a,3b,4b,5d,6c,6d

- Figure 1 is produced in line 116 of 07_Compare_HFPS_GMD.do and output to HH_charac_mean_med_HH.png in the “evolution of impact” folder
- Figure 2c is produced by 09_Graphs_of_evolution_of_impact.do and output to Inco_ToD4.png in the “evolution of impact” folder
- Figure 4a is produced by 08_Graphs_by_quintiles.do and contained in fs_day.png in the quintile graphs folder