

README for the Reproducibility Package for Household vulnerability to and preparedness for disasters in Haiti

Instructions to run the code

The code consists of one do-file: “*code_drm_haiti_u.do*”. It requires changing the paths in line 13. The code pulls the data from the folder “*_data*” and saves output files in the folder “*_out*”.

Data Availability Statement

Here we describe where the sources where the data can be downloaded. Most of the data used in this research are available to the public in the World Bank Data Microdata Library.

1) COVID-19 LAC High Frequency Phone Surveys 2021, Wave 2

We use edited version, anonymized of this dataset for public distribution. The database comprises three different data sets: the first one contains information for all individuals, the second focuses only on children aged between 0 and 5 years old, and the third one is for children aged 6 to 17 years old. The three data sets are merged to perform the estimations and calculations. Available on: <https://microdata.worldbank.org/index.php/catalog/4767/get-microdata>, please register in the World Bank page to access.

DOI: <https://doi.org/10.48529/pm7y-dk97>

Name of raw data sets (Stata Version): 509_ph2w2_casos_library.dta , 509_ph2w2_ninos_0_5_library.dta, and 509_ph2w2_ninos_6_17_library.dta. These files should be added in the folder “*_data/raw*”.

Name merged data set in the script (Stata Version): HAITI_HFS21_W2.dta

2) COVID-19 LAC High Frequency Phone Surveys 2021, Wave 3

We use edited version, anonymized of this dataset for public distribution. The database comprises three different data sets: the first one contains information for all individuals, the second focuses only on children aged between 0 and 5 years old, and the third one is for children aged 6 to 17 years old. The three data sets are merged to perform the estimations and calculations. Available on: <https://microdata.worldbank.org/index.php/catalog/5888/get-microdata>, please register in the World Bank page to access.

DOI: <https://doi.org/10.48529/dj1x-q178>

Name of raw data sets (Stata Version): hfs_2022_haiti_weighted_cases.dta, hfs_2022_haiti_weighted_children_0_5.dta, and hfs_2022_haiti_weighted_children_6_17.dta. These files should be added in the folder “*_data/raw*”.

Name merged data set in the script (Stata Version): HAITI_HFS22_W3.dta

3) COVID-19 LAC High Frequency Phone Surveys 2021, Wave 4

We use edited version, anonymized of this dataset for public distribution. The database comprises three different data sets: the first one contains information for all individuals, the second focuses only on children aged between 0 and 5 years old, and the third one is for children aged 6 to 17 years old. The three data sets are merged to perform the estimations and calculations. Available on: <https://microdata.worldbank.org/index.php/catalog/5889/get-microdata>, please register in the World Bank page to access.

DOI: <https://doi.org/10.48529/96gx-7485>

Name of raw data (Stata Version): hfs_2023_haiti_weighted_cases.dta, hfs_2023_haiti_weighted_children_0_5.dta, and hfs_2023_haiti_weighted_children_6_17.dta

Name merged data set in the script (Stata Version): HAITI_HFS23_W4.dta. These files should be added in the folder “_data/raw”.

4) Income quintile poverty dataset for LAC High Frequency Phone Surveys 2021, Wave 2

The income quintile and poverty dataset for HFPS wave 2 is a constructed dataset by the project team. It is a private dataset, but you can access it upon prior request to the project leader.

Name of data set in the script (Stata Version): HAITI_HFS21_W1_Q.dta. This file should be added in the folder “_data/constructed”.

5) Income quintile poverty dataset for LAC High Frequency Phone Surveys, Wave 3 and 4

The income quintile and poverty dataset for HFPS wave 2 is a constructed dataset by the project team. It is a private dataset, but you can access it upon prior request to the project leader.

Name of data set in the script (Stata Version): imputed_all_2.dta for wave 3.

Name of data set in the script (Stata Version): imputed_all_2_W4.dta for wave 4. These files should be added in the folder “_data/constructed”.

Code outputs – Exhibits linkage

Section	Exhibit	Location in code outputs
Main section	Figure 1	The figure was generated using Excel bar plots with the results in rows 4-6 of <i>tables_w2_drm.xls</i> , <i>tables_w3_drm.xlsm</i> , and <i>table_w4_drm.xls</i> .
	Figure 2	The figure was generated using Excel bar plots with the results in column C of <i>tables_w2_drm.xls</i> , <i>tables_w3_drm.xlsm</i> , and <i>table_w4_drm.xls</i> .
	Table 1	The exhibit was generated with the results of sheet “ <i>table_1_incometotal</i> ” of <i>Tables_DRM_w2.xlsx</i> , <i>Tables_DRM_w3.xlsx</i> , and <i>Tables_DRM_w4.xlsx</i> .
	Figure 3	<i>graph1_w2</i> , <i>graph1_w3</i> , and <i>graph1_w4</i>
	Figure 4	The figure was generated using Excel bar plots with these results: <ul style="list-style-type: none">- Values for 2021: rows 220-222, column C, file <i>table_w2_drm.xls</i>- Values for 2022: rows 215-217, column C, file <i>table_w3_drm.xls</i>- Values for 2023: rows 217-219, column B, file <i>table_w4_drm.xls</i>

	Figure 5	The figure was generated using Excel bar plots with these results: <ul style="list-style-type: none"> - Values for 2021: rows 214-215, file <i>table_w2_drm.xls</i> - Values for 2022: rows 209-210, file <i>table_w3_drm.xls</i> - Values for 2023: rows 196-197, file <i>table_w4_drm.xls</i>
	Figure 6	The figure was generated using Excel bar plots with these results of column C in <i>tables_w2_drm.xls</i> , <i>tables_w3_drm.xlsm</i> , and <i>table_w4_drm.xls</i> .
	Figure 7	The figure was generated using Excel bar plots with these results of column C in <i>tables_w2_drm.xls</i> , <i>tables_w3_drm.xlsm</i> , and <i>table_w4_drm.xls</i> .
	Table 2	The exhibit was generated with the results of sheet “ <i>table_2_female</i> ” and “ <i>table_2_paper</i> ” of <i>Tables_DRM_w4.xlsx</i> .
	Table 3	Files: <i>Tables_DRM_w2.xlsx</i> , <i>Tables_DRM_w3.xlsx</i> , and <i>Tables_DRM_w4.xlsx</i> . <ul style="list-style-type: none"> - Quintile groups: sheet “<i>table_3_upper</i>” - Residence area: sheet “<i>table_4</i>”
	Figure 8	<i>graph2_w2</i> , <i>graph2_w3</i> , and <i>graph2_w4</i>
	Figure 9	<i>graph3ur_w4</i>
Annex	Table 4	<i>tablesw2_ss.xls</i> , <i>tablesw3_ss.xls</i> , and <i>tablesw4_ss.xls</i>
	Table 5	Sheets “ <i>table_1_incomerural</i> ” and “ <i>table_1_incomeurban</i> ” of <i>Tables_DRM_w2.xlsx</i> , <i>Tables_DRM_w3.xlsx</i> , and <i>Tables_DRM_w4.xlsx</i> .
	Table 6	Sheet “ <i>table_2_educationtotal</i> ” of <i>Tables_DRM_w4.xlsx</i>

Contact

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