README

I) Reproducibility package components

- The 'bases created' folder contains the databases used to perform the analysis

- The 'Do file' folder contains the complete dofile used to perform the analysis. The file includes the codes for creating the different variables (dependent variables, variables of interest and control variables), the results tables and the graphs. For the code to work, you need to modify the access paths. This corresponds to lines 8 to 11 of the code.

- The 'graphs' folder contains the graphs used in the table.

- The "logs" folder contains the log file containing the results of code execution.

- The 'Results' folder contains all the results tables used in the paper.

- The « GIS » folder contient les fichiers utilises pour faire la cartographie.

II) Instructions for creating cards

Once you have obtained the CardsData.xlsx file from the dofile, save it in the 'GIS' folder. Then load this 'CardsData.xlsx' file onto QGIS (QGIS 3.16 version) in addition to the 'moz_admbnda_adm2_ine_20190607.shp' file in the GIS folder.

Step 1: Loading files

Look in the 'Explorer' window, click on 'Home' and then click on Desktop. Click on the 'GIS' folder, then select the files one by one and drag them to the 'layers' window.

NB: the file 'moz_admbnda_adm2_ine_20190607.shp' must be loaded twice.

Step 2: Join the files

Right-click on the 'moz_admbnda_adm2_ine_20190607.shp' file that has just been loaded. After right-clicking, in the new window that has just opened click on 'Properties', then 'Join'. Click on '+' at the bottom left. Then select the layer to join (the CardsData.xlsx file), the join field (District) and the target field (ADM2_PT), then OK, Apply and OK.

Step 3: mapping

In the 'layers' window, click on 'moz_admbnda_adm2_ine_20190607', right-click, properties, symbology. On the right, click on 'graduated' in the value tab and choose 'cardsData Sheet1_exposedrateAny'. In the 'Colour palette' tab, click on 'All colour gradients' and choose YlOrRd (i.e. the last one). In the 'Classes' tab, select 4. In the "Mode" tab, select 'Equal number (quantile)'. Then click on 'Apply' and OK. In the 'Layers' window, right-click on the second file 'gadm41_MOZ_2.shp', then Properties, Styles, and select the colour white. The second file 'moz_admbnda_adm2_ine_20190607.shp' must be below the first file used to make the join.

Step 4: the legend

In the 'layers' window, right-click, rename the layer and enter the name 'Mozambique district'. Next, right-click on 'moz_admbnda_adm2_ine_20190607', rename the layer and enter the name 'Share of households exposed (%)'. Finally, right-click on 'moz_admbnda_adm2_ine_20190607', rename the layer and give it the name 'Out of the survey area'.

Step 5: The labels

In the 'Layers' window, click on 'moz_admbnda_adm2_ine_20190607', right-click, then "Properties" and 'Labels'. On the right, click on 'Simple labels'. Click on the 'value' tab and select ADM2_PT, then Apply and OK.

Step 6: Save the map

At the top of the second line of tabs, click on the 'New layout' tab and name it 'Map 1'. In the new window on the left, click on 'Add map'. An arrow appears. Use the arrow to create a square that takes up all the space on the white sheet. On the left, click on the 'Add Legend' tab. An arrow will appear again, allowing you to make a square in which the caption will be placed. Then, again on the left, click on 'Add Scale Bar'. An arrow will appear again, allowing you to make a square in which the Scale Bar will be located. On the left, click on the 'Add North Arrow' tab. An arrow will appear again, allowing you to make a square in which the arrow will be located.

To export the map, click on the 'Export as image' tab in the second row of tabs in the new window called 'Map 1'.

NB: Follow the same procedure to create the second card. The difference is in step 3, where you need to choose 'cardsData Sheet1_exposedrateMajor' instead of 'cardsData Sheet1_exposedrateAny'.

Data availability statement

The dataset used in this package is forthcoming in the World Bank's Microdata Library/ Data Development Hub.

All data will be publicly available.

I certify that the author(s) of the manuscript have legitimate access to and permission to use the data used in this manuscript.

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GIS files come from the Humanitarian Data Exchange: https://data.humdata.org/dataset/cod-ab-moz