Donati, Rao, Orozco, Munoz-Boudet 2024
This README file explains the structure of the ReproducibilityPackage folder and the instructions to reproduce the tables of the paper.

Data Availability
The results are based on individual-level survey data directly collected by the research team, and on administrative records from the Indian Health Management Information System website. Note that this website is no longer accessible. The HMIS data are now through Open Government Data Platform India, licensed under the Government Open Data License.

Specifically, these are the links to access the data for Chhattisgarh, Jharkhand and Uttar Pradesh.

In March 2023, when the dataset was last downloaded, the raw administrative data were accessible from the HMIS website reported above. We provide this raw data in the ReproducibilityPackage: one Excel file per district-month-year, for the three Indian states that are part of our analysis.

The ReproducibilityPackage folder structure is the following:
• 00_MasterScript: do file that allows the user to reproduce the tables of the paper starting from raw files
• 00_Scripts: folder containing single scripts that are used by the 00_MasterScript
• 01_RawData: folder containing raw de-identified data in .dta, .xlsx or .csv format
• 02_ProcessedData: folder where data processed by the 00_MasterScript will be located. DO NOT change the folder structure.
• 04_Output: folder where output tables will be located after running the 00_MasterScript.
• Manuscript of the research paper

Raw Data description
• full_panel.csv, individual_effect.csv, xsection.csv and base-cities.csv are datasets created by the research team based on data collected from individuals.
• All xlsx files in the folders Chhattisgarh2020_2021, Chhattisgarh2021_2022, Jharkhand2020_2021, Jharkhand2021_2022, UttarPradesh2020_2021, UttarPradesh2021_2022 and subdistricts_features.dta are raw data collected from the administrative source provided in the Data Availability section (Indian Health Management Information System).

Instructions to reproduce the analysis and tables of the paper:
1. Open the 00_MasterScript.do file
2. Change the directory path in line 24, so that it reflects the exact location of the ReproducibilityPackage folder in your system
3. Run the entire 00_MasterScript.do file. This should take approximately 10 minutes
4. Output tables will be located in the 04_Output folder

Output linkage table
The list below describes linkage between output files (on the left) and the corresponding table in the paper (on the right):

Tables:
districts_balance.tex —> TABLE 1
bednets_ols.tex —> TABLE 2
fever_panel_ols.tex —> TABLE 3
malaria_xsection_ols.tex —> TABLE 4
incidence_dd.tex —> TABLE 5
mnmadrecall_ols.tex —> TABLE 6
bednets_individual.tex —> TABLE 7
treatmentseeking_individual.tex —> TABLE 8
malaria_correlates.tex —> TABLE D1
malaria_predictors.tex —> TABLE D2
panel_sample_balance.tex —> TABLE D3
cross_section_balance.tex —> TABLE D4
panel_sample_bydwelling.tex —> TABLE D5
cross_section_bydwelling.tex —> TABLE D6
dd_sample.tex —> TABLE D7
sleeves_sprays_ols.tex —> TABLE D8
malaria_panel_ols.tex —> TABLE D9
treat_buy_net_xsection_ols.tex —> TABLE D10
veryworried_xsection_ols.tex —> TABLE D11
fever_panel_logit.tex —> TABLE D12
malaria_panel_logit.tex —> TABLE D13
malaria_xsection_logit.tex —> TABLE D14
bednets_ols_baseline.tex —> TABLE D15
veryworriedCOVID_xsection_ols.tex —> TABLE D16
dd_sensitivity.tex —> TABLE D17
incidence_count_dd.tex —> TABLE D18
tests_dd.tex —> TABLE D19
mnmadrecall_logit.tex —> TABLE D20
mnmadrecall_ols_heterogeneous.tex —> TABLE D21
ind_study_balance.tex —> TABLE D22
bednets_individual_logit.tex —> TABLE D23
treatseeking_individual_logit.tex —> TABLE D24
bednets_individual_bytreated.tex —> TABLE D25

Figures:
bednets_ols_bymonth.pdf —> FIGURE 3a
bednets_ols_byworried.pdf —> FIGURE 3b
share_malaria_bynet.pdf —> FIGURE 4a
share_malaria_bynumnet.pdf —> FIGURE 4b
incidence_dd_trends.pdf —> FIGURE 5
optimization.pdf —> FIGURE C3

NOTE: Figures 1, 2, A1-A7, C1 and C2 are not generated using code.