

Cash transfers for drought response in Niger

This repository is organized as follows.

`cleaning` includes all cleaning and construction code. Each sub-folder is related to a different survey round.

`analysis` includes code that produces all tables and some of the figures in the paper. Figures 1 and 2 are not produced by the code. The version of the paper is <15 October 2024>.

`other-code` includes code for randomization, old cleaning and analysis code, and code for additional analyses not used in the paper. For example, it includes RDD analyses on the endline data. This code is not required for producing the output used in the current version of the paper.

`output` is where all output is sent. This folder is not tracked on Git.

How to run the code?

Download the repo on your computer. Update file paths in `/master.do`, which is in the root directory, and run the file. The code uses data on the dropbox folder shared via email. Approximate run time is 5-7 minutes.

Mapping code to output

The table numbers in the manuscript and the corresponding tex file names are listed below.

1. Table 1 - baseline-balance
2. Table 2 - primary-panel
3. Table 3 - mhealth-panel
4. Table 4 - loans-panel
5. Figure 2 - indices-plot-1, indices-plot-2, indices-plot-3, indices-plot-4

Appendix Tables and Figures

1. Figure 4 - millet-price
2. Figure 5 - maize-price
3. Figure 6 - rice-price
4. Table A4 - annex-smoothing-ate
5. Table A5 - fcs-above-poor
6. Table A6 -foodext
7. Table A7 -fcs-comp-1, fcs-comp-2, fcs-comp-3, fcs-comp-4
8. Table A8 -fcons-comp-1, fcons-comp-2, fcons-comp-3, fcons-comp-4
9. Table A9 - primary-outcomes-controls
10. Table A10 - fcs-cohortwise
11. Table A11 - fcons-cohortwise
12. Table A12 - cantril-cohortwise
13. Table A13 - cohesion-panel

14. Table A14 - remittances-panel
15. Table A15 - business-index
16. Table A16 - wage-index
17. Table A17 - livestock-index
18. Table A18 - inputs-index
19. Table A19 - inputs-endline-index
20. Table A20 - outputs-index
21. Table A21 - business-index-components
22. Table A22 - wage-index-components
23. Table A23 - livestock-index-components
24. Table A24 - inputs-index-components
25. Table A25 - inputs-endline-index-components
26. Table A26 - outputs-index-components
27. Table A27 - savings-panel
28. Table A28 - primary-panel-liquid
29. Table A29 - primary-panel-diverse

Data availability statement

All data used in the project was collected by surveying households and communities in Niger. We surveyed households and communities at baseline, midline, and endline. All datasets will be published in the Microdata Library.

The code in this package does not use any public data.

We primarily use household surveys for the analysis. We collected data at baseline, before the lean season, during the lean season, after the lean season, and at endline. The study timeline is shown in Figure 2 of the paper, version <15 October 2024>. We also use data from community surveys to calculate food prices.

Statement about Rights

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