README

Decentralization and corruption in public service delivery: Local institutional arrangement that can help reduce governance risks

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Suggested citations for study design and full original data collection:

Zarychta, A., Andersson, K.P., Root, E. D., Menken, J., & Grillos, T. (2019a). Assessing the impacts of governance reforms on health services delivery: A quasi-experimental, multi-method, and participatory approach. Health Services and Outcomes Research Methodology, 19(4), 241-258. https://doi.org/10.1007/s10742-019-00201-8

Zarychta, A, Andersson, KP, Root, ED, Menken J, Grillos T. (2019b). Supplemental Appendix for "Assessing the impacts of governance reforms on health services delivery: a quasi-experimental, multi-method, and participatory approach." Health Services and Outcomes Research Methodology, 19(4), https://static-content.springer.com/esm/art%3A10.1007%2Fs10742-019-00201-8/MediaObjects/10742_2019_201_MOESM1_ESM.docx

Compute Environment

Operating system:
Stata SE, version 16.1 (32 bit)

[Estimated run time for all analyses: about 18 minutes]
** Commands used Stata 16/1:
- cleanplots
- grstyle
- dataex
- spost13_ado
- marhis
- coefplot
- mibeta

**List of files:

There are three datasets needed for the different analyses included:

1. Health worker survey dataset ("ReplicationData_JPART_ZarychtaEtAl2023.dta"): main and supplementary analysis dataset constructed from original source data. This dataset is used to generate all results in the main paper and supplementary material. The description of the specific tables and figures that this dataset reproduces is presented in the next section.

**Code:

- • Use dataset "ReplicationData_JPART_ZarychtaEtAl2023.dta" and file code "ReplicationDofile_JPART_ZarychtaEtAl2023.dta.do" to reproduce all tables and figure listed below.

Complete list of tables and figures:

Main Paper

Tables

- Table 1: Descriptive Statistics for a Survey of Health Workers across 65 Centrally-administered and Decentralized Municipalities in Honduras
- Table 2: The Relationship between Decentralization Reform and Municipal Government Corruption Reported by Frontline Health Workers
- Table 3: How Three Local Institutional Arrangements Influence the Relationship between Decentralization Reform and Municipal Government Corruption Reported by Health Workers

Figures

- Figure 1: Municipality-led Decentralization is Associated with Higher Reported Municipal Government Corruption by Health Workers
- Figure 2: Greater External Supervision and Civil Society Engagement Attenuate the Positive Relationship between Decentralization and Reported Corruption, while Public Participation Does Not

Supplementary Material

SM Tables

- Table SM1: How Three Local Institutional Arrangements Influence the Relationship between Decentralization Reform, by Lead Organization Type, and Municipal Government Corruption Reported by Health Workers
- Table SM2: The Relationship between Decentralization Reform and Municipal Government Corruption Reported by Frontline Health Workers, *Reduced 50-Municipality Sample*

- Table SM3: How Three Key Types of Monitoring at the Local Level Influence the Relationship between Decentralization Reform and Municipal Government Corruption Reported by Health Workers, *Reduced 50-Municipality Sample*
- Table SM4: How Three Key Types of Monitoring at the Local Level Influence the Relationship between Decentralization Reform, by Lead Organization Type, and Municipal Government Corruption Reported by Health Workers, *Reduced 50-Municipality Sample*
- Table SM5: The Relationship between Decentralization Reform and Municipal Government Corruption Reported by Frontline Health Workers, *Full 65-Municipality Sample and Pre-Decentralization Municipal Controls*
- Table SM6: The Relationship between Decentralization Reform and Municipal Government Corruption Reported by Frontline Health Workers, *Full 65-Municipality Sample with Pre-Decentralization and Administrative Capacity Municipal Controls*
- Table SM7: The Relationship between Decentralization Reform and Municipal Government Corruption Reported by Frontline Health Workers, *Reduced 50-Municipality Sample and Pre-Decentralization Municipal Controls*
- Table SM8: The Relationship between Decentralization Reform and Municipal Government Corruption Reported by Frontline Health Workers, *Reduced 50-Municipality Sample with Pre-Decentralization and Administrative Capacity Municipal Controls*
- Table SM9: The Relationship between Decentralization Reform and Perceptions of Municipal Government Corruption Reported by Frontline Health Workers*, Ordered Logistic Regression*
- Table SM10: How Three Key Checks and Balances at the Local Level Influence the Relationship between Decentralization Reform and Perceptions of Municipal Government Corruption among Health Workers, *Ordered Logistic Regression*
- Table SM11: How Three Key Checks and Balances at the Local Level Influence the Relationship between Decentralization Reform, by Lead Organization Type, and Perceptions of Municipal Government Corruption among Health Workers, *Ordered Logistic Regression*
- Table SM12: Relationship between Decentralization and Missing Observations for Six Variables Comprising Corruption DV, *Full 65-Municipality Sample*
- Table SM13: Relationship between Decentralization and Missing Observations for Six Variables Comprising Corruption DV, *Reduced 50-Municipality Sample*
- Table SM14: The Relationship between Decentralization Reform and Perceptions of Municipal Government Corruption Reported by Frontline Health Workers, *Multiple Imputation*
- Table SM15: How Three Key Checks and Balances at the Local Level Influence the Relationship between Decentralization Reform and Perceptions of Municipal Government Corruption among Health Workers, *Multiple Imputation*
- Table SM16: How Three Key Checks and Balances at the Local Level Influence the Relationship between Decentralization Reform, by Lead Organization Type, and Perceptions of Municipal Government Corruption among Health Workers, *Multiple Imputation*

SM Figures

- Figure SM1: Higher Reported Corruption under Municipality-led Decentralization is Most Attenuated with Greater External Supervision and Civil Society Engagement, while Public Participation Has No Influence

** Documentation:

- • README_JPART_ZarychtaEtAl2023.pdf – This readme file lists all files and computer environment dependencies necessary to verify the results from this manuscript.
- • Codebook_JPART_ZarychtEtAl2023.pdf – codebook for “ReplicationData_JPART_ZarychtaEtAl2023.dta”, the analysis dataset used to generate the results presented in this manuscript.