

Authors

Oeindrila Dube The University of Chicago

Darin Christensen University of California, Los Angeles

Johannes Haushofer Stockholm University

Bilal Siddigi Center for Effective Global Action (CEGA)

Maarten Voors Wageningen University & Research

BUILDING RESILIENT HEALTH SYSTEMS:

EXPERIMENTAL EVIDENCE FROM SIERRA LEONE AND THE 2014 EBOLA OUTBREAK

Oeindrila Dube Johannes Haush Bilal Siddiqi Maarten Voors

March 6, 2020

Developing commiss are characterized by high rates of mortality and morbidity. A potential combination factor is the low utilization of health systems, stemming from the low perceived quality of case delicated by health personnel. This factor may be expecially critical during crises, when individuals choose whether to coopense with suspense efforts and frontine health personnel. We experimently examine efforts asseed at suproxing health worker performance in the constant of the 2016-15 West African Ebolas crisis. Roughly two years before the outbeauli in Sterm Leone, we madoutly assigned two social accountability interventions to provenament most health clies:— one fromes of consummity monitoring and the other gave states awards to clies staff. We find that over the medium run, prior to the Ebola crisis, both interventions led to improvements in utilization of cliescs and patient satisfaction. It dedicates and points artifaction, the critical materials of the carchineter area of community monitoring efforts. During the crisis, the interventions also led to higher reported Ebola cases, as well as lower mortality from Ebola—particularly is near with community monitoring clinics. We englow flow potential mechanisms: the interventions also led to higher suported Ebola cases, as well as lower mortality from Ebola—particularly is near with community monitoring clinics. We englow flow potential mechanisms: the interventions have not of the incidence of the proposed starved Ebola symptoms and critical mechanisms that incidence consistent with the first by improving the precived quality of case provided by clinics price of controlled, the interventions likely accountaged patients to expert and receive restatement. Our results suggest that social accountability interventions not only have the power to improve bank systems desing normal times, but can additionally make bookh systems recibient to crises that may energe over the longer run.

*UCLA, Ludia School of Polic Aliano (dari Intelligation and a displayment of the Collection of Collection of Collection of Collection of Collection (Eventual Science and Collection Collection).
*Pleasant University, NEIR, Bount Criter for Behavioral Economics, and Mos Planck Business for Collection Goods underfurging controls on, adult.

shetersprinceton, edu) Jaiourity of California, Berkeley (bilal, siddiqidberinley, edu) Kageningen Univerity (marten, voorstwar al)

Building Resilient Health Systems: Experimental Evidence from Sierra Leone and the 2014 Ebola Outbreak

Developing countries are characterized by high rates of mortality and morbidity. A potential contributing factor is the low utilization of health systems, stemming from the low perceived



quality of care delivered by health personnel. This factor may be especially critical during crises, when individuals choose whether to cooperate with response efforts and frontline health personnel. We experimentally examine efforts aimed at improving health worker performance in the context of the 2014-15 West African Ebola crisis. Roughly two years before the outbreak in Sierra Leone, we randomly assigned two social accountability interventions to government-run health clinics — one focused on community monitoring and the other gave status awards to clinic staff. We find that over the medium run, prior to the Ebola crisis, both interventions led to improvements in utilization of clinics and patient satisfaction. In addition, child health outcomes improved substantially in the catchment areas of community monitoring clinics. During the crisis, the interventions also led to higher reported Ebola cases, as well as lower mortality from Ebola — particularly in areas with community monitoring clinics. We explore three potential mechanisms: the interventions (1) increased the likelihood that patients reported Ebola symptoms and sought care; (2) unintentionally increased Ebola incidence; or (3) improved surveillance efforts. We find evidence consistent with the first: by improving the perceived quality of care provided by clinics prior to the outbreak, the interventions likely encouraged patients to report and receive treatment. Our results suggest that social accountability interventions not only have the power to improve health systems during normal times, but can additionally make health systems resilient to crises that may emerge over the longer run.

March 06, 2020