September 10, 2020

This folder contains replication files for "Aggregate effects from public works: Evidence from India" by Justin Cook and Manisha Shah. All analysis was done in Stata 16 (unless specified otherwise). To summarize:

1. The dta file "district light panel" contains our annual district panel of average nighttime lights for 2000-2013.
2. The dta file "district deposit panel" contains our quarterly district panel of deposits for 2004-2013.
3. The do-file "light tables" recreates all estimations in the paper and appendix from our nighttime light panel.
4. The do-file "deposit tables" recreates all estimations in the paper and appendix from our deposit panel.
5. The do-file "light figures" recreates all figures and sub-figures in the paper and appendix from our nighttime light panel.
6. The do-file "deposit figures" recreates all figures and sub-figures in the paper and appendix from our deposit panel.
7. The do-file "spatial se" estimates spatially adjusted standard errors from Table 1.
8. Raw data and cleaning folder:
    a. "lights panel build" creates our base nighttime lights panel from underlying data.
    b. "deposit panel build" creates our base deposit panel from underlying data.
    c. "nregs build" creates the district indicator that turns on when a district starts receiving NREGS funding.
9. Raw lights data folder:
    a. Contains shapefile documents used in aggregation and yearly district aggregations for night lights data cited in paper.
    b. These data were created by taking the mean (and sum) from the Zonal Statistics as Table command in ArcGIS Desktop.
    c. Nightlight rasters can be found at https://ngdc.noaa.gov/eog/dmsp/downloadV4composites.html.

If you have any questions, please feel free to contact Justin Cook at jcook9@ucmerced.edu.