

Supplemental Appendix For
**Nighttime Light, Superlinear Growth, and Economic Inequalities at
the Country Level**

Contents

Log population map	2
Additional tests of electrification and superlinear growth	3

This appendix provides additional figures and analysis corresponding to the paper “Nighttime Light, Superlinear Growth, and Economic Inequalities at the Country Level.”

Log population map

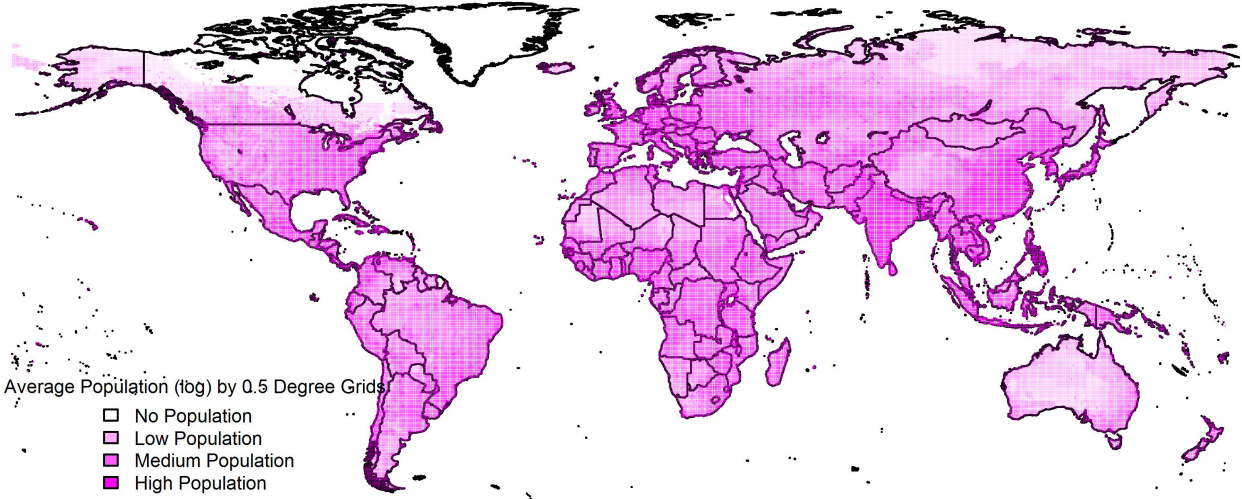


Figure A1: Average Population by 0.5 Degree Grids (Natural Log), 1995–2010

Additional tests of electrification and superlinear growth

To provide an additional verification of this finding, Figure A2 plots the correlations between log GDP and electricity household provision, both coded by the the World Bank [1]. This survey-based electricity provision indicator measures the percent of population within a given country that has access to electricity. As such, it provides a useful proxy of countries where the population has better access to energy and resources, but it also suffers from substantial missingness: information is available mostly on developed states, and only for the years 1990, 2000, 2010, and 2012, which suggests that—due to their global availability at the high-resolution level, nighttime lights are a better proxy. Nevertheless, despite said missingness, (ln) electricity access has a $\beta^\uparrow \simeq 1.22$.

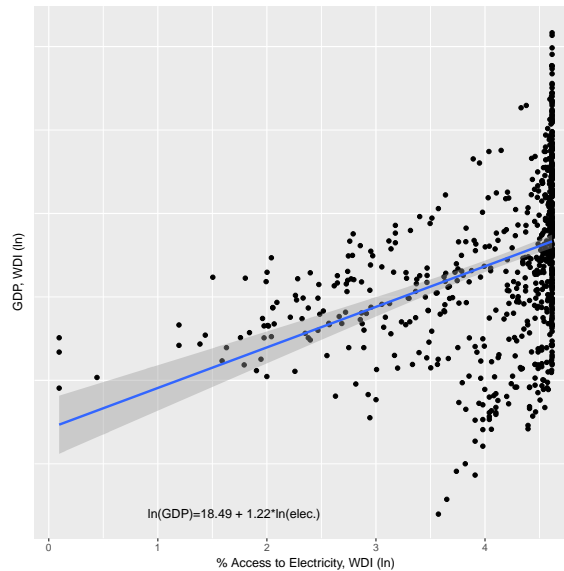


Figure A2: Correlations between Access to Electricity and GDP

[1] World Bank, “World Development Indicators 2016,” World Bank Publications, 2016.