

Je rey Dickinson

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Education

Graduate Institute of International and Development Studies	Geneva
PhD in Development Economics	2014–2020
Supervisors: Jean Louis Arcand and Nicolas Berman	
Graduate Institute of International and Development Studies	Geneva
Master’s in International Economics	2012–2014
Emory University	Atlanta
Bachelor’s in Economics	2010–2012

Work in Progress

Title: Gender and Barriers to Market Access

This paper addresses the effects of gender based price differentials in agricultural output and livestock markets in Tanzania. Using transaction data from four waves of the Tanzania Living Standards Measurement Survey I detect that an increase of 1 percent in the price a household headed by a man would receive in village crop markets corresponds to .26 percent increase in the price a woman headed household would receive for sales of similar crops. These results hold when examining price discrepancies in individual crops and livestock. The results suggest women have internalized these price disparities which is reflected in the women’s own valuations of their crops.

In Submission

Title: Planes, Trains, and Automobiles: What Drives Human Made Light?

This paper expands on our understanding of the lights income relationship by linking the newest generation of nighttime satellite images to nationwide panel data on population and income for both Brazil and the United States covering the years 2012–2018. The newest images captured by the Visible Infrared Imaging Radiometry Suite (VIIRS) offer a pixel resolution 45 times higher than the previous generation of nighttime lights. Light is less responsive to changes in GDP in the USA than in Brazil. Consistent with the literature I find evidence of nonlinearities in the form of decreasing marginal effects of GDP on nighttime light. I use regressions by centile of nighttime light to outline the effects of GDP and population on nighttime light across the entire distribution of light. Finally, I use a between county estimator to identify the effects of time invariant infrastructure features on night time light. I find that roads, rail, ports, airports and border crossings contribute positively to nighttime light.

Conferences

North American Regional Science Council Annual Conference, November 2020
Planes, Trains, and Automobiles: What Drives Human Made Light?

Experience

American University Wash., DC
Undergraduate Development Economics Fall 2021
Adjunct Professor

American University Wash., DC
Principles of Macroeconomics Summer 2021
Adjunct Professor

American University Wash., DC
Undergraduate Development Economics Spring 2021
Adjunct Professor

Professional.....

World Bank Rome
Consultant, Development Data Group 2021
Producing research paper on comparative analysis of plot size measurement techniques

World Bank DC
Consultant, Finance, Competitiveness, and Innovation 2020-2021
Analyzing Firm level data from Kenya measuring the effects of COVID 19 related interventions.

International Monetary Fund (PT; 20hrs/wk) Geneva
Project Officer 2015-2016
Conducting analysis on Uganda bank loans using nighttime lights data and highly disaggregated population loan data from the Bank of Uganda.

Languages

English: Native
French: Intermediate, B2 Certificate
Spanish: Intermediate

Computer skills

Programming Languages, and Software Python, Latex, R, STATA, ArcGIS

References

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Walter P