

Tommie Y. Thompson

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SKILLS

Methods: causal inference, research design, econometrics, behavioral economics, survey design, machine learning

Technical: R (Shiny, ggplot2, dplyr, caret, xgboost), Stata, some Python, Git, Bash, SQL, LaTeX, ArcGIS

Certifications: 2020 BITSS RT2 research transparency and reproducibility workshop

Projects: Built headless Debian-based three-node 15TB cloud network, including construction of three servers

International Experience: the Philippines (15 years), Paris (study abroad)

PROFESSIONAL

World Bank Group, Development Impact Evaluation

Remote

Consultant (Short-Term Contract)

April 2021-Present

- Managing data collection of infrastructure contracts across four Caribbean countries
- Drafting analysis of procurement efficiency for OECS, including report writing and analysis in R

Mercy Corps, Research and Learning

Remote

Consultant (Short-Term Contract)

December 2020-Present

- Leading report on Iraq market resiliency to COVID19, including research design, analysis, and report writing
- Coordinating data reconciliation efforts between International Labor Organization and five partner NGOs

Busara Center for Behavioral Economics, Labs

Lagos, Nigeria/Remote

Research Specialist

March-November 2020

- Designed experiments for lab and field randomized-controlled trials, including survey designs, sampling strategies, power analyses, pre-analysis plans, laboratory protocols, and data collection procedures
- Developed internal research initiatives as principal investigator, such as project on fake news susceptibility, RCT on COVID19 financial resiliency, and working paper on a Pacific Islands nutrition experiment
- Drafted concept notes and technical BD proposals for public sector, private sector, and academic clients
- Managed technical analysis of anti-piracy RCT targeting over 800 people in Somalia, including drafting research design, reviewing team's R code, and mentoring junior staff on statistical methods
- Hosted workshops on complex econometric and statistical techniques for junior staff and external partners, including setting up M&E and data science systems for nonprofit clients

Social Impact, Impact Evaluation

Arlington, VA

Consultant

February-October 2020

Program Associate

October 2017-January 2020

- Conducted advanced econometric analyses, such as difference-in-differences, panel regressions, and matching algorithms, for MCC and USAID programs in education, governance, water infrastructure, and food insecurity
- Co-authored quasi-experimental impact evaluation of USAID's Early Grade Reading Assessment in Ghana, including analysis strategy, report writing, statistical analysis of data from over 20,000 pupils and 470 schools, and management of over 200 in-country enumerators
- Developed organization-wide data management protocols, such as redesign of remote data storage structure and introduction of version control software
- Experienced with management of sensitive data in accordance with federal government privacy protocols

EDUCATION

Georgetown University, *Master of Public Policy (spec. in Econometrics & Data Science)*

Washington, DC

Organizations: *Georgetown Public Policy Review senior online editor*

May 2018

University of Chicago, *BA in Political Science*

Chicago, IL

Organizations: *Chicago Journal of Foreign Policy editor, UChicago Philosophy Review editor*

June 2015

FELLOWSHIPS

Deloitte Foundation Data Analytics Fellowship

Arlington, VA

Fellow

May 2017-April 2018

- Awarded \$24,000 grant to study relationship between university education and civic engagement
- Analyzed longitudinal data using machine learning and predictive models to inform university programming
- Winner of Deloitte Core Consulting Series competition

PUBLICATIONS & REPORTS

Cole, Kym. Thompson, Tommie. Duthie, Mike (2019). *Ghana Early Grade Reading Program Impact Evaluation*

Endline Report. Washington, DC: United States Agency for International Development. To be published.

- Presented at 2019 American Evaluation Association Conference
- Winner of Social Impact's 2019 Impact Award

Thompson, Tommie. Waweru, Leonard. Canagarajah, Ruth. Ngina, Irene (2020). *Evaluation of Sabanka Nolosha*

in Somalia. Nairobi, Kenya: The Busara Center for Behavioral Economics. Internal client report.