Doug Johnson

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EDUCATION

HARVARD KENNEDY SCHOOL
Master's Public Administration, International Development (May 2006)

Phd-level coursework in economics, econometrics, and statistics.

RICE UNIVERSITY
BA Political Science (May 1999)

SKILLS

R • Python • SQL • Stan • Experimental design • Impact evaluation and causal inference • Psychometrics • Econometric modeling (e.g. VAMs, discrete choice) • Survey sampling • Small Area Estimation • Bayesian analysis • Deep learning (beginner)

SAMPLE PUBLICATIONS

Johnson, D. and Parrado, A. 2021. Assessing the Assessments: Taking Stock of Learning Outcomes Data in India. *International Journal of Educational Development*, 84, 102409.

Fischer, T., Johnson, D., and Stein, D. 2021. Informing Specific Decisions with Rigorous Evidence: Designing and Analyzing Decision Focused Evaluations.

Sampson, R., Johnson, D., Somanchi, A., Barton, H., Joshi, R., Seth, M., and Shotland, M. 2019. Insights from Rapid Evaluations of EdTech Products.

Johnson, D., Juras, R., Riley, P., Chatterji, M., Sloane, P., Choi, S.K. and Johns, B., 2017. A randomized controlled trial of the impact of a family planning mHealth service on knowledge and use of contraception. *Contraception*, 95, 90.

Johnson, D., 2016. Collecting data from mHealth users via SMS surveys: A case study in Kenya. *Survey Practice*, 9, 2824.

SUMMARY

Throughout my career I have worked with non-profits, government agencies, foundations, and for profits companies to drive better decision-making through the use of data and evidence. I have built and led teams of data scientists and analysts and applied a range of tools including RCTs, quasi-experimental evaluations, econometric modelling, machine learning and qualitative analysis.

EXPERIENCE

SENIOR ADVISOR AND BOARD MEMBER
Convegenius Insights (May 2021 – Present)
• Provide oversight and guidance on several impact evaluations and large-scale assessments for Convegenius Insights, one of the world's largest educational assessment organizations.

INDEPENDENT CONSULTANT
Arrowtown, NZ (Nov 2019 – Present)
- Lead data-driven research and analysis for clients such as IDinsight, the World Bank, UNICEF, UNDP, EPRI, and Future Forward USA

DIRECTOR (EDUCATION)
IDinsight, Delhi, India (Aug 2018 - Nov 2019)
- IDinsight helps non-profits and government agencies in low-income countries increase their effectiveness through data science, impact evaluations, and analytics
- Built and led a portfolio of education projects in India

INDIA REGIONAL DIRECTOR
IDinsight, Delhi, India (May 2016 - Aug 2018)
- Led all aspects of strategy and operations for IDinsight's India office
- Grew India office from 15 to 50+ staff
- Directly led numerous projects including several impact evaluations.
- Trained, managed, and mentored Phd economists on IDinsight's econometrics team

SENIOR IMPACT ASSESSMENT ADVISOR
USAID, Washington, DC (Jan 2015 - May 2016)
- Led initiative to test new approaches to measure long-term impact of USAID programs
- Led effort to use GIS data for evaluation of USAID programs
- Co-led effort to develop monitoring and evaluation plan for USAID's Global Development Lab

RESEARCH SCIENTIST
Abt Associates, Bethesda, MD (Jan 2012 - Jan 2015)
- Principal investigator for impact evaluations of several USAID-funded public health interventions
- Led business development for international evaluations
- Provided training and mentoring to local staff on impact evaluations