

Stanford



Mridul Joshi

- Ph.D. Student in Education, admitted Autumn 2022
- Master of Arts Student in Economics, admitted Spring 2026
- Ph.D. Minor, Psychology

Bio

BIO

My research primarily focuses on the economics of education and education policy in low-income countries, applying insights from psychology. Recently, I have been dabbling in machine learning and natural language processing and its applications to education research. I have previously worked at the Development Innovation Lab (UChicago), J-PAL and the OECD. Visit my personal website for more information.

EDUCATION AND CERTIFICATIONS

- MRes, Paris School of Economics (2020)

LINKS

- Personal website: <https://joshimridul.github.io>

Research & Scholarship

RESEARCH INTERESTS

- Assessment, Testing and Measurement
- Data Sciences
- Economics and Education
- Educational Policy
- Learning Differences
- Poverty and Inequality
- Psychology
- Research Methods
- Science Education
- Social and Emotional Learning
- Technology and Education

Teaching

COURSES

2024-25

- Economic Support Seminar for Education and Economic Development: EDUC 306Y (Aut)

- Mini Courses in Methodology: Stata: EDUC 401B (Aut, Win)

2023-24

- Economic Support Seminar for Education and Economic Development: EDUC 306Y (Aut)

Publications

PUBLICATIONS

- **Estimating heterogeneous treatment effects with item-level outcome data: Insights from Item Response Theory** *JOURNAL OF POLICY ANALYSIS AND MANAGEMENT*
Gilbert, J. B., Himmelsbach, Z., Soland, J., Joshi, M., Domingue, B. W.
2025
- **Disentangling Person-Dependent and Item-Dependent Causal Effects: Applications of Item Response Theory to the Estimation of Treatment Effect Heterogeneity** *JOURNAL OF EDUCATIONAL AND BEHAVIORAL STATISTICS*
Gilbert, J. B., Miratrix, L. W., Joshi, M., Domingue, B. W.
2024