

Itai Trilnick

ECONOMICS · DATA · INSIGHTS

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Summary

I'm a PhD candidate at UC Berkeley, interested in economics, data analysis, and problem-solving. I have experience in finding insights with qualitative and quantitative methods, handling large datasets, and communicating research results to a wide audience. I like working with people from other disciplines and backgrounds, and happy to pick up skills and tools as necessary.

Skills

Data Analysis Causal inference, experiment design, econometric methods, survey design, GIS
Coding tools R, Stata, Python, Matlab, Git, Latex, SQL
Languages English, Spanish, Hebrew

Experience

University of California, Berkeley

Berkeley, California

GRADUATE RESEARCH RESEARCHER AND INSTRUCTOR

2013 - 2019

- Organized, cleaned and analyzed large datasets from various sources (confidential administrative data, electricity generation and local marginal prices, agricultural markets, climate).
- Authored “bunchr”, an R package for bunching analysis, together with a Shiny based online tutorial for teaching purposes (see <https://trilnick.shinyapps.io/bunchapp/>).
- Analyzed and predicted the effects of high temperatures on solar electricity generation and nut yields in California using machine learning tools.
- Designed and administered a survey for the California Department of Water Resources.
- Taught classes in macroeconomics and environmental economics.

TheMarker

Tel Aviv, Israel

REPORTER - ENERGY AND ENVIRONMENT

2011 - 2013

- Covered energy and environment topics: policy, science, and market stories.
- Interacted with various sources, including top policy makers, business leaders, and scientists. Wrote news items that made in-depth policy issues approachable to the general readership.
- Some articles are available in English, see <https://www.haaretz.com/misc/writers/WRITER-1.4969127>

Education

University of California, California

Berkeley, USA

PH.D AGRICULTURAL & RESOURCE ECONOMICS

2013 - 2019

- Fields: Agriculture, Environment, Public economics
- Advisors: David Zilberman & Michael Anderson
- Job Market Paper: *Micro-Climature Engineering for Climate Change Adaptation in Agriculture: the Case of California Pistachios*

Ben-Gurion University of the Negev

Sde Boker & Ketura, Israel

M.SC ENVIRONMENTAL STUDIES, *cum Laude*

2009 - 2011

- Joint program with the Arava Institute for Environmental Studies
- Advisor: Alon Tal
- Thesis on market based instruments in waste management. The research involved field interviews, a survey, and statistical analysis of municipal solid waste data.

Tel Aviv University

Tel Aviv, Israel

B.SC IN ECONOMICS AND BIOLOGY, *Magna cum Laude*

2005 - 2009

More Info

- Eligible to work in the US and the EU.