Ali Bahrami Sani

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Education

M.Sc. in Economics, Tehran Institute for Advanced Studies	2020 - 2023
B.Sc. in Material Science and Engineering, Sharif University of Technology	2015 - 2020

Fields of Interest

Empirical Microeconomics, Household Finance, Economic Development, Labor and Demographic Economics, Welfare and Health Economics

Research Experience

Entry Deregulation in the Pharmacy Sector: Evidence form Iran   In Progress
with Mohammad Hoseini & H. Minai

Intergenerational Mobility in Iran (MAs Thesis)   Available Here
with Mohammad Hoseini

This study measures intergenerational correlation in consumption expenditures using an administrative dataset of more than Five million Iranian people. The study consists of two parts. Firstly, we characterize the joint distribution of parents' and sons' consumption expenditure from the point of sale (POS) data at the national level in Iran. The administrative data used in this study allows us to use non-co-resident pairs in our estimations. The conditional expectation of son expenditures given parent expenditures is almost linear in percentile rank. On average, a 10-percentile increase in a parent's expenditures is associated with a 2.3-percentile increase in a son's expenditures. Besides, We provide evidence regarding the validity of consumption as a measure of intergenerational mobility. We also address the influence of life-cycle bias on estimations, with particular emphasis on the techniques employed to mitigate this bias. In the second part of the paper, we present quasi-experimental evidence that immigration across provinces affect intergenerational mobility during 2015-2021. The outcomes of children whose families move to a better province – as measured by the outcomes of children already living there – will improve conditional on the child's age. The effect is non-zero and positive for children who migrated at ages 26-32.

Work Experience

Business Analyst   January 2024 - March 2024
Aviense   *Tehran, Iran*
- Management consultancy
- Business consultancy

Economic Data Analyst   July 2022 - January 2024
Iran Ministry of Labor and Social Welfare   *Tehran, Iran*
- Proposing & designing social assistance programs
- Social assistance policy consultant
- Impact analysis of social assistance policies
- Data Analysis

Teaching Assistance Experience

Development Economics I, TA for Prof. Mohammad Hoseini   Fall 2022
TeIAS

Applied Econometrics, TA for Prof. Mohammad Hoseini   Spring 2022
TeIAS

Econometrics I, TA for Prof. Layla Shiva   Fall 2021
TeIAS

Programming Skills

Stata, R, Python, Julia, MATLAB.

Selected Course Projects

1. **Under The Tyranny of a Policy: Exchange rate subsidy under the Rouhani administration.**
   Exploiting the impact of essential and basic commodities' subsidy on the evolution of prices using Instrumended-Diff-in-Diff. Found 52% increases in the price indexes during six months and a 4Kg drop in consumption as a welfare loss.
   Course project of "Development Economics II" taught by prof. Sepehr Ekbatani.

2. **Social Mobility in Iran**
   We tried to survey the literature in developing countries and proposed methods to estimate social mobility in Iran, as a developing country, unbiasedly.
   Course Project & Research proposal for "Development Economics I" taught by prof. Mohammad Hoseini.

3. **Valuation of a petrochemical corporation in Tehran Stock Market.**
   Fundamental analysis of a "public corporation" with sensitivity analysis under different scenarios.
   Course project of "Financial Economics" taught by Prof. Mahdi Heidari.

4. **The pandemic effect on students' preference: A case study of Sharif university.**
   We estimated the impact of the educational factors on the students' preferences and asked whether they support online platforms or in-person education. We used a survey provided by Sharif-daily magazine, which included over 800 volunteer participants. We found that more educated participants tend to choose e-learning over traditional one, controlling for the status of the field and faculty of the departments.
   Course project of "Econometrics I" taught by Prof. Layla Shiva.

Selected Courses

M.Sc.:

Development Economics I	20/20	Macroeconomics I	19.65/20
Development Economics II	20/20	Macroeconomics II	19.40/20
Econometrics I	18.60/20	Microeconomics I	19.20/20
Econometrics II	20/20		

Game Theory
by M. O. Jackson, K. L. Brows, and Y. Shoham Credential

April 2024
Coursera

Regression Discontinuity Design
by Rocío Titiunik Credential

May 2023
Mixtape Sessions

Machine Learning and Heterogeneous Effects
by Brigham Frandsen Credential

May 2023
Mixtape Sessions

Synthetic Control and Clustering
by Alberto Abadie Credential

May 2023
Mixtape Sessions

Advanced Differences-in-Differences
by Jonathan Roth Credential

May 2023
Mixtape Sessions

Machine Learning and Causal Inference
by Brigham Frandsen Credential

April 2023
Mixtape Sessions

Using Python to Access Web Data
University of Michigan, by Charles Russell Severance Credential

April 2023
Coursera

Big Data Visualization Tools
Johns Hopkins University, by Roger D. Peng & Brooke Anderson Credential

April 2023
Coursera

Data Economy, by Maryam Farboodi

Spring 2022

An Introduction to Information Design, by Ali Shourideh

Summer 2022

Selected Topics in Household Finance, by Amir Kermani

Summer 2022

Theoretical Aspects of Data Science and Machine Learning
By Kasra Alishahi, Mojtaba Tefagh

Summer 2022
Summer School

Managing Big Data with MySQL
Duke University, by Jana Borg, Credential

July 2022
Coursera

Introduction to Git and GitHub
Google, by Google, Credential

June 2022
Coursera

Machine Learning for Data Analysis
Wesleyan University, by Jen Rose & Lisa Dierker, Credential

June 2022
Coursera

Machine Learning
Stanford University, by Prof. Andrew Ng, Credential

May 2022
Coursera

Causal Inference
Baylor University, by Prof. Scott Cunningham, Credential.

September 2022
Coursera

Languages

- English

  TOEFL score: 103. October 2022,

  - Reading: 27/30,
  - Listening: 26/30,
  - Speaking: 25/30,
  - Writing: 25/30.

  GRE score: November 2023,

  - Quantitative Reasoning: 169/170.

- Persian

  Native proficiency