

# Ali Bahrami Sani

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## Education

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<b>Master of Art, Tehran Institute for Advanced Studies (TeIAS)</b> <i>Major: Development Economics</i>	2020 - 2022 <i>GPA: 18.82/20</i>
<b>Bachelor of Science, Sharif University of Technology</b> <i>Major: Material Science and Engineering</i>	2015-2020 <i>GPA: 14.84/20</i>

## Awards & Honors

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<b>Ranked 2nd in GPA among 15 students</b> <i>Master of Economics at TeIAS</i>	2022
<b>Ranked 42nd among +10000 participants</b> <i>The Iranian MSc Economics Universities Entrance Exam (Konkour)</i>	2020
<b>Ranked 570 among +180000 participants</b> <i>The Iranian University Entrance Exam (Konkour)</i>	2015

## Fields of Interest

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**Empirical Microeconomics, Economic Development, Labor and Demographic Economics, Welfare and Health Economics.**

## Research Experience

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<b>Impact of Pharmacies Establishment Deregulation Law: Evidence form Iran</b> <i>with Mohammad Hoseini &amp; H. Minai</i>	In Progress
<b>Intergenerational Mobility in Iran (MAs Thesis)</b> <i>with Mohammad Hoseini</i>	<a href="#">Available Here</a>

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*

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### **Economic Researcher**

July 2022 - Present

#### *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*

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### **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*

## *Research Assistance Experience*

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### **Research Assistant for Prof. Mohammad Hoseini**

Fall 2021

Surveyed methods and measures to estimate social mobility in developing countries. Tried to calculate the effect of the United Nations sanctions on social mobility in Iran.

## *Programming Skills*

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**Stata, R, Python, Julia, MATLAB.**

## *Selected Course Projects*

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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 Instrumented-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*

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		

#### *Short Courses*

##### **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*

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- 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