

Majid Einian

PhD in Economics, Economics Researcher & Data Scientist

Cell: +98-9125158921
 Voicemail: +98-21-44874467
 Email: einian85@gmail.com

Address: Monetary and Banking Research Institute, #10,
 Africa Blvd., Argentina Sq. Tehran, Iran.
 Tel: +98-21-88657450~54 (int. 7106)

Standard Tests:

TOEFL iBT: 105 (R:30, L:28, S:22, W:25) Oct 2016
 GRE: VR:159, QR:168, AW:3.5 Nov 2016

Education

Ph.D. in Economics (Sep 2010 – August 2019) GPA:17.0 /20.0
 Economics Department, Graduate School of Management and Economics (GSME), Sharif University of Technology (SUT), Tehran, Iran

- Thesis: Essays on Explaining the Household Consumption Smoothing (18.7/20.0)

M.Sc. in Socio-Economic Systems Engineering – Economics (Sep 2007 – Sep 2010) GPA: 15.97/20.0
 Economics Department, GSME, SUT, Tehran, Iran

- Thesis: Analyzing the Effects of Monetizing Energy Carriers' Subsidy on Expenditures and Welfare of Iranian Households (18.5/20)
- **Ranked 3rd in Iran's 2007 Nationwide Entrance Exam** to "Socio-Economic Systems Engineering" Masters Programs among almost 8000 volunteers.

B.Sc. in Industrial Engineering (Sep 2003 – Sep 2007) GPA: 15.54/20.0
 Industrial Engineering Department, SUT, Tehran, Iran

- Thesis: Change Point Detection in Process Mean Using Artificial Neural Network

Publication

Einian, M., & Nili, M. (2020). Excess Sensitivity and Borrowing Constraints: Evidence from Iranian Households. *Economics of Transition and Institutional Change*. 28 (1), 137-160.

Einian M., Najafi, F., & Mahmoodzadeh, A. (2019). Credit Cycles of the Iranian Economy. *Monetary-Banking Research (Pajhuyeshhaye Puli-Banki)* 11 (38), 598-565. (in Persian).

Einian, M. & Souri, D. (2018). Poverty Maps of Iran. *Fifth International Conference on Iran's Economy*, International Iranian Economic Association and International Institute of Social History, Amsterdam (Netherlands), 8-9 March.

Einian, M. (2018). Financial Development and Decline in Iran: A Quantitative Dynamic General Equilibrium Model. *Quarterly Journal of Quantitative Economics*. 14 (4), 183-209. (in Persian – **Winner of 2018 CBI's best money and banking paper award**).

Einian, M., & Ranjbar Ravasan, F. (2017). A Perfect Specialization Model for Gravity Equation in Bilateral Trade based on Production Structure. *International Economics Studies*. 46 (1), 1-8.

Einian, M., & Nili, M. (2016). Elasticity of Intertemporal Substitution: An Investigation in Iran, *Journal of Money and Economy*. 11(2), 207-223.

Einian, M., & Nili, M. (2016). Consumption Smoothing and Borrowing Constraints: Evidence from Household Surveys of Iran. *Fourth International Conference on Iran's Economy*, International Iranian Economic Association and Philipps-Universität Marburg, Center for Near and Middle Eastern Studies, Marburg (Germany), 17-18 June.

Einian, M. (2015). Household Financial Inclusion in Iran, chapter in *The Vision of Financial System of Iran: Selected Papers and Reports*, Monetary and Banking Research Institute, Tehran.

Einian, M. & Barakchian M. (2014) Measuring and Dating Business Cycles of the Economy of Iran, *Monetary-Banking Research (Pajhuyeshhaye Puli-Banki)* vol. 20 (in Persian).

Einian, M. & MohseniRad, S. (2014) *Energy Market Reform Plan; 5: Analysis of Household Welfare State Developments*. Published by Institute for Management and Planning Studies, Tehran (in Persian).

Software Packages:

Einian, M. (2014). BCDating: business cycle dating and plotting tools - BCDating. R package version 0.9.7.
 published on CRAN: <http://cran.r-project.org/web/packages/BCDating/>, and by Microsoft: <https://mran.microsoft.com/package/BCDating/>

Experience

Research and Research Management Experience

*Monetary and Banking Research Institute*¹ (Full-time Nov 2010 –Now)

- **Academic Research:** Access to Finance and Financial Inclusion in Iran, Studying Business Cycles and Credit Cycles in Iran, Contributions to preparing Financial Development Report and Financial Stability Report, Long-run and Short-run modeling of real money balances, Analyzing the Security of Bank Cards 4-digit PINs, Member of the board in monetary policy and interbank conference.
- **Practical Research:** Implementing the Iranian Banking IFRS Standards in XBRL, Analysis of credit reporting and scoring in the world and Iran, and identifying the problems in it. Systems of setting banking services fees. Contributions to financial system analysis, Studying the Inter-Bank market in Iran
- **Executive:** International Promotion of the *Journal of Money and Economy*, Editorship of the *Tazeha-ye Eqtesad Magazine*, Inflation Visualization Contest

Research Center of the Parliament of the Islamic Republic of Iran (Part-time June 2017-Now)

- Heading a team on building a sustainable structure for studying the poverty in Iran

Bank Sepah (Part-time May-June 2018)

- Bank Portfolio Optimization

*Institute for Management and Planning Studies*² (Full-time assignee Jan – Feb 2014, Part-time Jul 2015 – Mar 2016)

- Calculating and Presenting Poverty Maps of Iran
- Analysis of Household welfare changes after Energy Subsidy Reform

Refah Chain Stores (Part-time Jul – Dec 2015)

- Using HIES data as a secondary source for marketing analysis

Sazepardazi Iran Company contractor of Ports and Maritime Organization (Part-time Jan – Sep 2014)

- Forecasting Imports and Non-Oil Exports of Iran 2012-2025

*Sharif Institute for Economic and Industrial Studies*³ (Part-time Apr 2009 – Jun 2010)

- The Effects of Energy Price Reforms on Iranian Households

Economics Dept. GSME, SUT (Part-time voluntary Oct 2008 – Mar 2009)

- Financial Crisis 2008: Roots and Effects on World's and Iran's Economy

Academic Reviewer

Journal of Money and Economy, Journal of Monetary & Banking Research, Journal of Economic Research and Policies, Iranian Journal of Economic Studies, Journal of Quantitative Economics, Journal of Planning and Budgeting, Poverty Research Festival, Annual Conference on Monetary and Foreign Exchange Policies, Annual Conference, Annual Conference on E-Banking and Payment Systems

Consultancy Experience

*German Savings Banks Foundation for International Cooperation*⁴, Local Expert (Nov 2016) within the scope of the project "Strengthening of the financial sector in the Islamic Republic of Iran and in the Republic of Turkey to support the local population and the refugees living there".

Teaching Experience

Tehran Institute for Advanced Studies⁵

- Introduction to Data Analysis and Econometrics Using R (Jan 2019: 16 H)

Monetary and Banking Research Institute

- Introduction to Data Analysis and Econometrics Using R (Nov 2012 & Oct 2013: 12 H - Dec 2017 & 2018: 20 H)
- Introductory Statistical Analysis (Nov 2017: 24 H)
- Introduction to "Iranian Household Expenditures and Income Surveys" (12 H) (Oct 2013)

Bank Saderat

- Applied Statistics (Dec 2016: 24 H)

Iran Banking Institute⁶

- "Preliminary Mathematics" for students of "Banking" (Fall 2010 & Fall 2011: 51 H)

Payam Noor University Faragir System Colleges

- "Microeconomics" for students of "Accounting" and "Business Management" (Fall 2008)
- "General Economics" for students of "Political Sciences" (Fall 2008)

¹ MBRI, affiliated with the Central Bank of Islamic Republic of Iran

² IMPS, formerly Institute for Research in Planning and Development (IRPD); affiliated with the Presidency Office

³ SIEIS, affiliated with Sharif University of Technology

⁴ Sparkassenstiftung für internationale Kooperation

⁵ TIAS, affiliated with Khatam University and Pasargad Financial Group

⁶ IBI, affiliated with the Central Bank of Islamic Republic of Iran

Academic TA in GSME SUT, MBRI; Tehran Chamber of Commerce, Industries and Mines (TCCIM), Mehr Alborz University, Institute for Productivity and Human Resource Development (IPHRD), Qeshm Institute of Higher Education

Educational Advisor Parseh Higher Education Institute & Oxin Higher Education Institute.

Summer Jobs & Internships

Iran-Khodro (IKCO) New Technologies Research Office (Part-time Jan 2007 – Apr 2007)

- Modeling and simulating the processes in the press shop of Iran-Khodro

Iran Tractor Manufacturing Company (ITMCO), Industrial Eng. Dept. (Full-time Jul 2006 – Sep 2006)

- A report on the hidden costs of quality control in ITMCO

Abdal Industrial Project Management Company (MAPSA) (Full-time Jul 2004 – Sep 2004)

- Designing a coding system for documents of the engineering department and building the software in C#.

Skills

English: TOEFL IBT 105/120: Reading 30/30, Listening 28/30, Speaking 22/30, Writing 25/30

Computer: C#, MATLAB, gretl, Eviews, Stata, GNU R; Reproducible Research: R + LaTeX + knitr, Julia

Certificates and Courses

Open Market Operations (Sep 2019: 50 H)

Central Bank of the Islamic Republic of Iran and the State Bank of Pakistan, CBI, Tehran, Iran

M.A.K. Lodhi, State Bank of Pakistan

Central Bank Policy Mix (Oct 2017: 40 H)

Istanbul School of Central Banking, Central Bank of the Republic of Turkey, Istanbul, Turkey

M. Kesriyeli and other staff of the Central Bank of the Republic of Turkey

S. Sahminan and other staff of the Bank Indonesia

Big Data in Economics (Sep 2016: 32 H)

Pasargad Advanced Research Initiative, Khatam University, Tehran, Iran

D. Farmer, U. Oxford; S. Bryzgalova, Stanford U.; E. Massoumi, Emory U.;

V. Chernozhukov, MIT; S. Nikbakhtian, Bank of America Merrill Lynch;

K. Benoit, LSE; A. Lieponen, Imperial College London

Advanced Data Mining (Nov 2015: 14 H)

MBRI, CBI, Tehran, Iran

Kazemitabar, Torabi, Kheradmandian; TOSAN Intelligent Data Miners

Forecasting and Shock Analysis using VAR models (Nov 2015, 12 H)

MBRI, CBI, Tehran, Iran

R. Mojab, MBRI

Financial Crises and Credit Frictions in Open Economies (Dec 2014, 32 H)

Istanbul School of Central Banking, Central Bank of the Republic of Turkey, Istanbul, Turkey

E. Mendoza, University of Pennsylvania

Policy Impact Evaluation (Aug 2014: 15 H)

MBRI, CBI, Tehran, Iran

M. Rastad, California Polytechnic State University

Dynamic Stochastic General Equilibrium Models with DYNARE: Primary & Advanced (Nov 2013: 50 H)

MBRI, CBI, Tehran, Iran

H. Tavakkolian, Allameh Tabatabai University

Economic Growth: Empirical and Policy Dimensions (Feb 2013: 28 H)

MBRI, CBI, Tehran, Iran

F. Nili, MBRI & World Bank

Advanced Monetary Economics (Jan-Feb 2012: 20 H)

MBRI Winter School 2012, MBRI, CBI, Tehran, Iran P. Benigno, LUISS Guido Carli

International Macroeconomics (20 H)(Dec 2011)

MBRI Winter School 2012, MBRI, CBI, Tehran, Iran G. Benigno, London School of Economics

New Keynesian DSGE Models: Solving and Estimation (32H)(Aug 2011)

MBRI Summer School 2011, MBRI, CBI, Tehran, Iran F. Canova, Universitat Pompeu Fabra

New Keynesian DSGE Models (51 H)(April-Aug 2011)

MBRI Summer School 2011, MBRI, CBI, Tehran, Iran F. Nili, MBRI,

I. Ebrahimi, MBRI,

S.A.R. Jalali-Naini, MBRI & IMPS

Online Profiles

<https://orcid.org/0000-0003-3448-5782>, <https://scholar.google.com/citations?user=Ut5f5WsAAAAJ&hl=en>,
<https://www.semanticscholar.org/author/88741221>, https://www.researchgate.net/profile/Majid_Einian2,
<https://www.linkedin.com/in/einian85/>, <https://ideas.repec.org/e/pei46.html>, <https://eabcn.org/person/majid-einian>,
<https://www.magiran.com/author/majid%20einian>, <https://publons.com/researcher/2326957/majid-einian/>,