

Sattar Mehraban-Dashli-Borun

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Date of birth: July 18, 1982

Citizenship: Iranian

Marital Status: Single

Keywords:

- Health Policy, Planning, and Implementation
- Health Economics and Financing
- Health Services Research, Administration, and Patient Care
- Health Care Access, Quality Assurance, and Evaluation

Education

- Bachelor of Nursing, Faculty of Nursing and Midwifery, Guilan University of Medical Sciences (GUMS), Guilan, Iran (2001-2006).
- Master's degree in health economics, Department of health economics, school of health management and information science, Iran University of Medical Sciences (IUMS), Tehran, Iran, (2006-2009). Ranked 6th in the entrance exam in Iran. The department is ranked first in Iran.

Publications

1. Mehraban, S., Hajimoladarvish, N., Raghfar, H. (2018). The Place of Health Insurance in Reducing Catastrophic Health Expenditure. Iranian Journal of Economic Studies, 7(2), 239-254. doi: 10.22099/ijes.2019.31010.1490
2. Raghfar, H. Sargazi, N. Mehraban, S. Akbarzadeh, M A. Vaez Mahdavi. M R. Vahdati Manesh, Z. The Economic Burden of Coronary Heart Disease in Iran: A Bottom-up Approach in 2014 . J Ardabil Univ Med Sci. 2018; 18 (3) :341-356

3. Mehraban, S. (2018a). How to make effective social policies to improve the performance of the supply-side of medicine in Iran, Ghalamrorefah, Analytical Monthly Journal on Social Policy, Volume 4, Number 36, 28 (Farsi).
4. Mehraban, S. (2018b). Assessing Iran's health system in the past year, Ghalamrorefah, Analytical Monthly Journal on Social Policy, Volume 4, Number 32, 16 (Farsi).
5. Mehraban, S., Raghfar, H. (2017). An Appraisal on Efficiency of SSO's Health Centers during the Years 2012-2014 Based on DEA Approach. *Majlis and Rahbord*, 24 (90), 73-101.
6. Mahboobi-Ardakan, P., Kazemian, M., & Mehraban, S. (2017). Economic planning and equilibrium growth of human resources and capital in the healthcare sector: a Case study of Iran. *Journal of Education and Health Promotion*, 6.
7. Mahboobi-Ardakan, P., Mehraban, S., & Kazemian, M. (2016). Estimation of total consumption function of health care services in Iran from 1981 to 2011. *Journal of Management and Training for Industries*, 3 (2), 30.
8. Mehraban, S., & Raghfar, H. (2016). Estimation of Production Function of Direct Health Care Services Delivered by Iranian Social Security Organization. *International Journal of Hospital Research*, 5 (2), 46-51.
9. Rostami Golmohammadi, F., Kazemi Karyani, A., Goudarzian, M., Asefzadeh, S., & Mehraban, S. (2016). Efficiency Determination of Rural Health Centers of Ghazvin Province Using Data Envelopment Analysis Approach in 2006-2010 Period. *Journal of Sabzevar University of Medical Sciences*, 23 (3), 444-457.
10. Jebeli, S. S. H., Barouni, M., Orojloo, P. H., & Mehraban, S. (2015). Estimating the Marginal Effect of Socioeconomic Factors on the Demand of Specialty Drugs. *Global journal of health science*, 7 (2), 28.
11. Mehraban, S. (2015b). A look at the challenges of the pharmaceutical industry in recent years. Ghalamrorefah, Analytical Monthly Journal on Social Policy, volume 1, Number 9, 25-27 (Farsi).
12. Mehraban, S. (2015a). Strategy for Strategic Goods: Is it possible to supply the medicine to the market? Ghalamrorefah, Analytical Monthly Journal on Social Policy, Volume 1, Number 6, 41-42 (Farsi).

Participation in the preparation of the 3-volume book as a statistical editor: **Urban Heart Tehran Experience Round 2 Results**, publication date: 2013, Publisher: Tehran municipality.

Invited Talk

Mitra Ahmadinejad, Sattar Mehraban, Hossein Raghfar: Illicit Drug Use among Afghan Refugees in Iran, 9th annual international congress on addiction science, September 2015, Tehran, Iran.

Working papers

1. The Political Economy of the Iranian Health System: Estimating the Households Faced with catastrophic health expenditures. Under review by The Economic Research, publisher: Tarbiat Modares University, Tehran, Iran.
2. Socioeconomic Determinant of Smoking in Tehran City: a Population-based Survey.
3. A Critique of Methodology for Assessing the Efficiency of Hospitals with the Approach of Data Envelopment Analysis in Iran.
4. Health expenditures and impoverishment in Iran during 2006-2014.

Work Experience

1. Center for economic research- Alzahra University- Tehran- Iran- Febuary 2015-present- As a Reseacher.
2. Tehran municipality- Deputy of Urban Planning and Development - August-December 2009. As a consultant.
3. Tehran municipality- Deputy of Social and Cultural Affairs- Department of Health, July 2013- January 2014- As a project manager.

Project manager in the last stage of the project: Urban Heart Tehran Experience Round 2 Results- 2013. A large population based project with the participation of more than 67 professors, commissioned by Professor Vaez-Mahdavi and Professor Asadi-Lari in the municipality of Tehran. The Urban heart project was developed in six areas: social, economic, infrastructure, governance, health and nutrition, and community-based programs. Information about 34,400 households, including 118,000 people were gathered by survey based on WHO framework. I actively participated in the calculation of all 83 reported indicators.

4. Consultant in the project: Estimation of the efficiency of Rural Health Centers in Ghazvin Province, Qazvin University of medical science.
5. Iran's social security organization- Deputy of Economy and Planning, Office of Statistics and Social Economic Indicators- August 2011- April 2012- As a project manager.

Project: Estimation of the efficiency of hospitals belonged to Social Security Organization with the DEA, SFA and, UFPF approaches - August - December 2011.

Project: Elderly and its effects on Iran's Social Security Organization- December 2011- March 2012.

6. To understand the economic behavior of providers and recipients of health services I have served as a nurse in the following centers:
 - Ambulatory care center affiliated to private sector.
 - Military facility (emergency ward)
 - Atieh Hospital, private sector (internal ward)
 - Rajaie Cardiovascular Medical and Research Center, a state hospital (emergency and CCU wards).

Workshops facilitated

- Applications of Stata in economics and social sciences- Alzahra university (October-December 2018)
- Estimating and Measuring Performance and Productivity with DEA & SFA approaches based on cross section and panel data- 6 hours- Alzahra University- April 2015
- Applied Panel data regressions- 21 hours- Alzahra University- Fall 2014
- Applied Time series regressions- 21 hours-Alzahra University- Fall 2014
- Applied econometric models in Health economics studies-Research Center of the Ministry of Cooperatives, Labor and Social Welfare-10-11 October 2014
- Estimating and Measuring Performance and Productivity with DEA & SFA approaches based on cross section and panel data- Tehran University of Medical Science- 21 hours- February & March 2012
- Analyzing equity in health sector based on household surveys- 21 hours- Tehran University of Medical Science- March & April 2012
- Applied Discrete choice model regressions- 21 hours- Tehran University of Medical Science- January & February 2012
- Applied Panel data regressions- 21 hours- Tehran University of Medical Science- December & January 2012

- Estimating and Measuring Performance and Productivity with DEA&SFA approaches based on cross section and panel data- 21 hours- Alzahra university- March & April 2011
- Applied Panel data regressions- 21 hours- Alzahra university- May & June 2011

Computational skills

- **Time series Econometrics** (OLS, ARDL, ECM, VAR, VECM, GARCH family, Markov Switching models...)
- **Discrete choice regression** (logit, probit, nominal, ordinal, count data, cross section, and panel data sets...)
- **Panel data regression** (long and short data sets of panel models...)
- **Data envelopment analysis**
- **Stochastic frontier approach**
- **Health equity assessment indices** such as catastrophic health expenditures, impoverishment, concentration index, Gini coefficient, ...
- **Health measurement** indices based on population surveys like GHQ, quality of life...

Software

Stata, Eviews, Sas, Limdep, Nlogit, MaxDEA, FRONTIER4.1, EMS, DEA excel solver, Oxmetrics, Gretl

Academic memberships

1. Member of Health Economics Association of Iran.
2. Member of the research center for economic studies, faculty of social sciences and economics, Alzahra University, Tehran, Iran (February 2015- present).
3. Refereeing journal of management and training for industries.

Research interests

Health Econometrics, Health Equity, Health insurances, Health reform, Medical decision making, Public Health.

Languages

Turkmen (mother tongue)

Farsi (the official language in Iran)

English

Turkish (speaking & listening level B1)

Azerbaijani (speaking & listening level B1)

References

Mohamad-Reza Vaez-Mahdavi, Professor, Department of Physiology, Shahed University, Tehran, Iran.

Email: mh_mahdavi@yahoo.com phone number: 98-912 177 9116

Hossein Raghfar, Professor, Department of economics, Alzahra University, Tehran, Iran.

Email: h.raghfar@alzahra.ac.ir phone number: 98- 912 218 2298

Soghrat Faghihzadeh, Professor, Department of Biostatistics, Zanzan University of medical science, Zanzan, Iran.

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