

▶ Vajiheh Ramezanidoroh

Department of Health Management and Economics, School of

Public Health, Hamadan University of

Medical Sciences, Hamadan, Iran.

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Education:

PhD in Health Economics (2013-2018):

- ▶ Department of Health Economics and Management, School of public health, Tehran University of Medical Sciences, Tehran, Iran
Thesis title: Using discrete choice experiment to eliciting average risk population preferences for colorectal cancer screening.

Master of Sciences in Health Economics (2010-2013):

- ▶ Department of Health Economics and Management, School of management and Medical Informatics, Shiraz University of Medical Sciences, Shiraz, Iran.
Thesis title: Investigation of the equity in access to outpatient services using horizontal inequity index in Shiraz city, 2012.

Bachelor of Sciences in Health Services Administration (2006-2010):

- Department of Health services Management, School of Public Health, Zabol University of Medical Sciences, Zabol, Iran.

Awards and Honors:

- ▶ Award in certificate of appreciation for achieving 1th Rank between MSc Entrances, Shiraz University of Medical Sciences, Shiraz, Iran (2012).

Professional Experience:

- ▶ Assistant Professor in Health Economics, Hamadan University of Medical Sciences, Hamadan Iran. (2019-now).
- ▶ Assistant Professor in Health Economics, Shahid Sadoughi University of Medical

Sciences, Yazd, Iran (2018-2019).

- ▶ Secretary of the Educational Economics Working Group at the Hamadan University of Medical Sciences, Hamadan Iran. (2022-now).

M.S. STUDENT SUPERVISION:

- ▶ Reza Noori(2024-MD-MPH in Health System Reforms)-Hamadan University of Medical Sciences
- ▶ Atefeh Nastaran(2023-Health Economics)-Hamadan University of Medical Sciences
- ▶ Mohammad Ehsanikia (2021-Health Economics)-Hamadan University of Medical Sciences
- ▶ Jamal Karimi (2021-Health Economics)-Hamadan University of Medical Sciences
- ▶ Farnia Ashabi (2019-Health Economics)-Hamadan University of Medical Sciences
- ▶ Sara Ayani (2019-Health Economics)-Hamadan University of Medical Sciences
- ▶ Nima Khanmohamadi (2019-Health Economics)- Hamadan University of Medical Sciences
- ▶ Farideh Karimi (2020-Health Economics)-Hamadan University of Medical Sciences
- ▶ Shahriar Rasouli (2019-MPH in Health System Reforms)-Hamadan University of Medical Sciences
- ▶ Mehri Keshvari-Shad (2020-MPH in Health System Reforms)-Hamadan University of Medical Sciences
- ▶ Mostafa Kaviani (2020-MPH in Health System Reforms)-Hamadan University of Medical Sciences
- ▶ Habibolah Kooshki (2021-MPH in Health System Reforms)-Hamadan University of Medical Sciences
- ▶ Ali Darabi(2020- HSE) -Hamadan University of Medical Sciences
- ▶ Aidin Tarokhian (2022-MD-MPH in Health System Reforms)-Hamadan University of Medical Sciences

PhD student Advisor:

Narges Ghorbani (2021-Biostatistics)

Languages:

- ▶ English (TOEFL overall=96)

- ▶ Persian (Native)

Interested research areas and subjects:

- ▶ Behavioral economics and eliciting preferences
- ▶ Equality and equity in health and health care
- ▶ Economic evaluation
- ▶ Valuation of different outcomes by Contingent Valuation(CV) method
- ▶ Modeling health economic data by new approaches

COURSES TAUGHT

- ▶ Advanced Health Economics, for MSc students in Health Economics (2019-date)
- ▶ Microeconomics, for MSc students in Health Economics (2019-date)
- ▶ Health Technology Assessment, for MSc students in Health Economics (2019-date)
- ▶ Advanced Microeconomics, for MSc students in Health Economics (2019-date)
- ▶ Economics Valuation in HSE, for MSc students in health, safety and environment(HSE) (2019-۲۰۲۲)
- ▶ Health Economics, for MD-MPH students (2021-2022)
- ▶ Engineering Economics, for BSc students in Environmental Health (2022-date)
- ▶ Health Economics, for BSc students in Public Health (2019-2022)
- ▶ Advanced Macroeconomics, for MSc students in Health Economics (2019-2022)
- ▶ Econometrics, for MSc students in Health Economics(2020-2022)
- ▶ Advanced Econometrics, for MSc students in Health Economics (2019-date)
- ▶ Economics, innovation and intellectual property, for PhD students in Biotechnology(2019-2023)
- ▶ Accounting Methods and Health Economics, for BSc students in Health Information Management (2020-date)
- ▶ Comparative Health Systems, for MPH students in Health System Reforms(2019-

date)

- ▶ Financing, for MD-MPH students (2023)
- ▶ Health Economics, for MSc students in Health Technology Assessment, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2018.
- ▶ Training in the field, for BSc students in Health services management, Shahid Sadoughi University of Medical Sciences, Yazd, Iran, 2018.

Conference Orals/Posters:

- ▶ Tehran Women's Preferences for At-Home COVID-19 Care: A Discrete Choice Experiment, 13TH International Conference on Women's Health and 5TH International Conference on Social Studies in Health, Shiraz, 2024.
- ▶ Willingness to COVID-19 vaccination and its determinants among women in Hamadan, 9TH International Conference on Women's Health, Shiraz, 2021.
- ▶ Knowledge determinants of Hamadan women regarding COVID-19 vaccine, 1TH national conference of socioeconomics determinants of COVID-19, Khoramabad, 2021.
- ▶ Patients waiting time for receiving services in the emergency department of Imam Ali hospital at Zabol city, First student conference of Zabol University of Medical Sciences, 2007 in Zabol, Iran.
- ▶ Investigation of the survival status of family physicians in health centers of Zabol, April 2012, National conference of health management students in Kerman, Iran
- ▶ Investigation of the maintenance conditions of Zabol educational hospital (Amiralmoumeneen), April 2012, National conference of health management students in Kerman, Iran

Books:

- ▶ Financial supports for students in the developing countries and Iran (2017) [In Persian].

Published Papers:

- ▶ **Ramezani-Doroh V**, Badiie N, Khoramrooz M. Socioeconomic Inequality in Willingness to COVID-19 Vaccination: A Multivariate Decomposition Analysis, Eastern Mediterranean Health Journal, (In review).

- ▶ Mahdavi N, **Ramezani-Doroh V**, Khoramrooz M, Afshari M, Tapak L, Pavlova M, What are cost-effective ergonomics interventions for prevention and management of occupational musculoskeletal disorders: a systematic review of economic evaluation studies, *Disability and rehabilitation*, (In review).
- ▶ Ghorbani N, Roshanaei Gh, **Ramezani-Doroh V**, Soltanian A, Arayeshgary M, Tapak L. Estimating Optimal Treatment Rule in Major Depressive Disorder using Penalized Regression Method, *Oman Medical Journal*, 2024.
- ▶ **Ramezani-Doroh V**, Najafi-Ghobadi S, Karimi F, Rangchian M, Hamidi O. Prediction of COVID-19 patients' participation in financing informal care using machine learning methods: willingness to pay and willingness to accept approaches. *BMC Health Services Research*. 2024 Jul 10;24(1):796.
- ▶ HAMIDI YADOLLAH, MORADHASEL BEHROUZ, TALEBI GHANE ELAHEH, **RAMEZANI DOROH VAJIHE**. Relationship between Creativity and Organizational Productivity among the Headquarters Staff of Hamadan University of Medical Sciences, Hamadan, Iran. *JOURNAL OF HEALTH RESEARCH IN COMMUNITY*[Internet]. 2022;8(1):39-49. Available from: <https://sid.ir/paper/963671/en> [in persian]
- ▶ **Ramezani-Doroh V**, Tapak L, Hamidi Y, Bashirian S, Soltanian AR, Motaghd M, Ghelichkhani E, Talebi-Ghane E. Which patients bring the most costs for hospital? A study on the cost determinants among COVID-19 patients in Iran. *Cost Effectiveness and Resource Allocation*. 2022 Dec;20(1):1-0.
- ▶ **Ramezani-Doroh V**, Karimi F, Rangchian M, Hamidi Y. Monetary valuation of COVID-19 informal care: caregivers' willingness to pay and willingness to accept. *Cost Effectiveness and Resource Allocation*. 2023 Dec;21(1):1-0.
- ▶ Yahyavi Dizaj J, Khoramrooz M, **Ramezani-Doroh V**, Rezaei S, Hashempour R, Irandoust K, Soltani S, Kazemi-Karyani A. Socioeconomic inequality in informal payments for health services among Iranian households: a national pooled study. *BMC public health*. 2023 Dec;23(1):1-3.
- ▶ Soroush A, **Doroh VR**, Fardid M, Moradi F, Baharirad N, Vahedi S. Analysis of Compatibility between the Need and Utilization of Health Services in West of Iran: Panel of Two Cross-Sectional

Studies. Evidence Based Health Policy, Management and Economics. 2023 Jul 5.

- ▶ Kazemi Karyani A, Yahyavi Dizaj J, Khoramrooz M, Soltani S, Soofi M, Irandoust K, **Ramezani-Doroh V**. Socio-economic inequality in reported dental self-care behavior among Iranian households: a national pooled study. *International Journal of Dental Hygiene*. 2022 Jan 26.
- ▶ Alvarez EM, Force LM, Xu R, Compton K, Lu D, Henrikson HJ, Kocarnik JM, Harvey JD, Pennini A, Dean FE, Fu W. The global burden of adolescent and young adult cancer in 2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet Oncology*. 2022 Jan 1;23(1):27-52.
- ▶ Talebi-Ghane E, Khazaei S, Tapak L, Soltanian A R, Bashirian S, Keramat F, Amini P, **Ramezani Doroh V**. Potential Risk Factors for Length of Hospitalization in COVID-19 Patients: A Cross-sectional Study. *Health Scope*. 2021;10(4):e115575. doi: 10.5812/jhealthscope.115575.
- ▶ Kazemi-Karyani A, **Ramezani-Doroh V**, Khosravi F, Miankali ZS, Soltani S, Soofi M, Khoramrooz M, Matin BK. Eliciting preferences of patients about the quality of hospital services in the west of Iran using discrete choice experiment analysis. *Cost Effectiveness and Resource Allocation*. 2021 Dec;19(1):1-8.
- ▶ Khazaei S, Najafi-GhOBADI S, **Ramezani-Doroh V**. Construction data mining methods in the prediction of death in hemodialysis patients using support vector machine, neural network, logistic regression and decision tree. *Journal of Preventive Medicine and Hygiene*. 2021 Mar;62(1):E222.
- ▶ Vahedi S, **Ramezani Doroh V**, Shamsadiny M, Rezapour A. Decomposition of gendered socioeconomic related inequality in outpatient health care utilization: A cross-sectional study from Iran. *The International Journal of Health Planning and Management*. 2021 May 1.
- ▶ Kazemi A, Safari-Faramani R, Amini S, **Ramezani-Doroh V**, Berenjien F, Yahyavi Dizaj M, Hashempour R, Yahyavi Dizaj J. World one-hundred days after COVID-19 outbreak: incidence, case fatality rate and trend. *Journal of education and health promotion*,2020; 9.
- ▶ Sharma R, Abbasi-Kangevari M, Abd-Rabu R, Abidi H, Abu-Gharbieh E, Acuna JM, Adhikari S, Advani SM, Afzal MS, Meybodi MA, Ahinkorah BO. Global, regional, and national burden of colorectal cancer and its risk factors, 1990–2019: a systematic analysis for the Global Burden of

Disease Study 2019. The lancet Gastroenterology & hepatology. 2022 Jul 1;7(7):627-47.

- ▶ **Ramezani_Doroh V.**, Delavari, A., Yaseri, M., Emamgholipour Sefiddashti, S. and Akbarisari, A. (2019), "Preferences of Iranian average risk population for colorectal cancer screening tests", International Journal of Health Care Quality Assurance, Vol. 32 No. 4, pp. 677-687.
- ▶ **Ramezani Doroh V**, Delavari AR, Yaseri M, Emamgholipour S, Akbari Sari A. Preferences for colorectal cancer screening tests: differences between insured and uninsured beneficiaries of Iranian health sector evolution plan. Journal of Health Scope. 2018 January.
- ▶ **Ramezani Doroh V**, Vahedi S, Arefnezhad M, Kavosi Z, Mohammadbeigi A. Decomposition of Health Inequality Determinants in Shiraz, South-west Iran. Journal of research in health sciences 2015; 15(3): 152-158.
- ▶ Kavosi Z, Mohammadbeigi A, **Ramezani Doroh V**, Hatam N, Jafari A, Firoozjahantighi A. Horizontal inequity in access to outpatient services among Shiraz City residents, Iran. Journal of research in health sciences. 2015 May 1;15(1):37-41.
- ▶ **Doroh VR**, Hatam N, Jafari A, Kafashi S, Kavosi Z. Determinants of Outpatient Services Utilization in Shiraz, 2012. J Community Med Health Educ. 2013; 3(216):2161-711.

Research Experience:

- ▶ The application of machine learning in predicting the mortality of patients undergoing hemodialysis treatment in Hamedan province, Role: Co-investigator.
- ▶ Optimal personalized treatment rule decision based on disability-adjusted life years or DALY. Role: Advisor.
- ▶ Investigating the relationship between air pollution and hospitalization costs of Hamadan citizens for selected diseases in 2015-2019. Role: PI.
- ▶ Investigating the preferences of the insured persons of Hamedan social security organization for the disability insurance package in 2021. Role: PI.
- ▶ Investigating the willingness to pay for the corona virus vaccine and its determining factors among the citizens of Hamedan in 2020. Role: PI

- ▶ Investigation of the related factors to costs of inappropriate hospitalization, 2019-2020. Role: PI
- ▶ Investigating the direct medical costs of patients with covid-19 and its effective factors on patients admitted to Sina (Farshchian) Hospital in Hamedan during March 2019 to May 2020. Role: PI.
- ▶ Investigating the number of hospitalization days of patients with covid-19 and its effective factors on the patients of Sina (Farshchian) Hospital in Hamedan during March 2019 to May 2020. Role: PI.
- ▶ Investigating the correlation of creativity and emotional intelligence with employee productivity based on the ACHIEVE model at headquarters of Hamadan University of Medical Sciences in 2021, Role: Advisor.
- ▶ Examining the preferences of Hamedan citizens for the insurance package of dental services in 2020. Role: PI.
- ▶ Investigating the economic burden of informal care in patients with covid-19 in Sanandaj city. Role: PI.
- ▶ Examining the determinants related to utilization from health care of Nahavand citizens in 2021. Role: PI.
- ▶ Investigation the relationship between the health system transformation plan and the performance and financial indicators of Ima Ali Hospital in Azna between 2012 and 2018. Role: PI.
- ▶ Investigation of the equity in health care financing among Iranian households, 2012. Role: Co-Investigator.
- ▶ Investigating factors affecting the cost of inappropriate hospitalization in files of hospitalized patients in four cities of Kermanshah province in 2019. Role: PI.
- ▶ Investigation of the equity in dental prevention behavior among Iranian households, 2021. Role: Co-Investigator.
- ▶ Investigating the effect of communication and organizational commitment on the crisis management of health centers of Hamadan University of Medical Sciences. Role: Second supervisor.
- ▶ The effect of health transformation plan on the performance indicator and satisfaction of personnel of Shohadaye Share Dehloran Hospital. Role: PI

Workshops:

Workshop	Organizer
Gamification, Animation, Motion Graphics	Hamadan University of Medical Science
Knowledge Translation: Policy brief	Hamadan University of Medical Science
Familiarity with Adobe Connect Software	Hamadan University of Medical Science
Strategies for Enhancing the Quality of Educational Programs	Hamadan University of Medical Science
Student Assessment Methods	Hamadan University of Medical Science
Blended Learning and MOOCs	Hamadan University of Medical Science
Mobile Learning and Practical Tips in Team-Based Teaching	Hamadan University of Medical Science
Content Production Training with Storyline and iSpring	Hamadan University of Medical Science
Educational Research	Hamadan University of Medical Science

Introductory Teaching Methods and Techniques	Hamadan University of Medical Science
Social Accountability	Hamadan University of Medical Science
Evaluation of Educational Quality	Hamadan University of Medical Science