

In the name of Allah

CURRICULUM VITAE

Personal Information

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Qualifications

Ph.D. in Biostatistics, Isfahan University of Medical Sciences, Isfahan, Iran, 2021

MSc in Biostatistics, Mashhad University of Medical Sciences, Mashhad, Iran, 2013

BSc in Statistics, Shiraz University, Shiraz, Iran, 2009

Thesis

- **PhD Thesis:** Multilevel latent class regression models with Dirichlet distribution and Its application in analyzing medical data
- **MSc Thesis:** Analysis of longitudinal binary responses with multilevel regression model in investigating variables which are effective in measure of thyroglobulin in patients with differentiated thyroid carcinoma who underwent surgery referred to nuclear medicine department of Mashhad university of medical sciences during years 1360 to 1382.

Publications

-Danial Habibi, **Roqayeh Parsaei**, Hamidreza Roohafza and Awat Feizi. Personality traits and quality of life: a cross-sectional study in a middle-aged Iranian general population. Health and Quality of Life Outcomes. 2025 Feb 17;23(1):13.

-Awat Feiz, **Roqayeh Parsaei**, Zahra Heidari, Fahimeh Haghghatdoost, Badroddin Njmi. Epidemiology of emotional and psychological problems in Iranian children: Protocol of a cross-sectional study in Isfahan. *Journal of Research in Medical Sciences*. 2023 Apr 1;28(1):19.

-Nader Pestechian, Sanaz Tavakoli, Payman Adibi, Ahmad Hosseini Safa, **Roghayeh Parsaei**, Hossein Ali Yousef. Prevalence of intestinal protozoan infection in patients with ulcerative colitis (UC) in Isfahan, Iran. *International Journal of Preventive Medicine*. 2021 Jan 1;12(1):114.

-**Roqayeh Parsaei**, Hamidreza Roohafza, Awat Feizi, Masoumeh Sadeghi, Nizal Sarrafzadegan. How different stressors affect quality of life: an application of multilevel latent class analysis on a large sample of industrial employees. *Risk Management and Healthcare Policy*. 2020 Aug 20:1261-70.

-**Roqayeh Parsaei**, Hamidreza Roohafza, Awat Feizi, Nizal Sarrafzadegan. Quality of life and common psychological problems profile in a large sample of manufacturing employees in a developing country: an association analysis using latent class regression. *Alexandria Journal of Medicine*. 2019 Jan 2;55(1):37-43.

-**Parsae R**, Fekri N, Shahid SS, AFZAL AM, SHAARBAF EE, Esmaeily H. Prognostic factors in the survival rate of colorectal cancer patients. [Full Text in Persian].

-Fekri N, **Parsae R**, Amini AR, Esmaeily H. Detection of effective factors in the survival rate of colon cancer patients using Survival modeling. *Journal of North Khorasan University of Medical Sciences*. 2013 Dec 10;5(3):621-8. [Full Text in Persian].

Conference Presentation

-The role of pseudo-regression and approximate colinearity in data analysis error in medical sciences: 11th Iranian Statistics Conference, (**Poster**), Tehran, 2012.

-Comparison of parametric and nonparametric survival models in data related to patients with rectal cancer, referred to Omid Hospital, Mashhad. Third Research Festival of Graduate Students of Mashhad University of Medical Sciences, (**Poster**), 2011.

Workshop and conference attending

-Systematic Review and Meta-Analysis, EDC, 2017

-Win Bugs workshop – EDC, 2017

-Mendeley software workshop, Student Research Committee, School of Health, Isfahan University of Medical Sciences, 2017

-Search in scientific databases, EDC, 2016

-GIS workshop, Student Research Committee of the School of Health, Isfahan University of Medical Sciences, 2015

-Traffic restrictions impact assessment at city level, Isfahan University of Medical Sciences, 2014

-Systematic Review and Meta-Analysis using STATA software, Department of Biostatistics and Epidemiology, School of Health, Mashhad University of Medical Sciences, 2013.

-Shape Analysis workshop, Department of Biostatistics and Epidemiology, Faculty of Health, Mashhad University of Medical Sciences, 2011

-Discussions in R Software, Scientific Hub of Sequential and Spatial Data - Ferdowsi University of Mashhad and Iranian Statistical Association, 2012

-Multilevel Analysis and Its Application, Statistics Research Institute, 2012

Teaching

-Biostatistics

-Statistics and research methods

-Computer applications in health data analysis

Referee of research journals or congresses

- Journal of research in medical sciences (JRMS)

- Student Research Committee, Mashhad University of Medical Sciences

- 7th Annual Research Congress of eastern Medical Sciences Students

Software Skills

1- Microsoft office

2- Excel

3- SPSS

4- STATA

5- R

6- Latent Gold

7- Amos

8- Endnote