





# Bahare Andayeshgar, Ph.D.


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## Professional Experience

- 2023-present Assistant Professor of Biostatistics, KUMS  
Deputy Head of Biostatistics Department, KUMS.
- 2019-2022 Secretary of the Student Scientific Association of Biostatistics, KUMS.
- 2017-2019 Assistant Vice President of Research, Imam Reza Hospital Research Center, Kermanshah.
- Research Expert, Imam Reza Hospital Research Center, Kermanshah.
- Statistical Consultant, Imam Reza Hospital Research Center, Kermanshah.
- Member of the Research Council, Imam Reza Hospital Research Center, Kermanshah University of Medical Sciences.

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 <https://scholar.google.com/citations?user=laVhCU4AAAAJ&hl=en&oi=ao>

## Biography

I born in 1987 in Kermanshah. I am married and have two children. I entered university in 2005 and received my bachelor's degree in statistics from Kermanshah in 2009. From 2011 to 2014, I completed my master's degree in biostatistics at Shahrekord University of Medical Sciences. After this period, I worked for several years at the Research Center of Imam Reza Hospital (AS). During this time, I was a statistical advisor for several theses and a collaborator in several research projects, and I held numerous research workshops for respected members of the faculty. I also had the honor of judging research projects as a member of the research council. In 2022, I completed my PhD in biostatistics at Kermanshah University of Medical Sciences, and in 2023, I began serving as a faculty member in the Department of Biostatistics at Kermanshah University of Medical Sciences.

## Education

Ph. D. Kermanshah University of Medical Sciences 2019-2023 GPA:19.18  
M.Sc. Shahrekord University of Medical Sciences 2011-2014 GPA:18.50




## Teaching Background

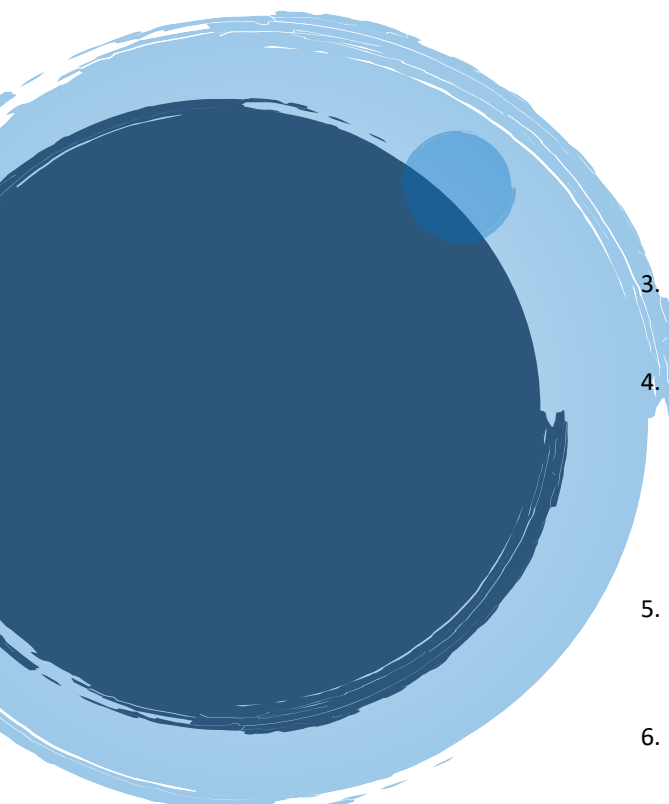
- ✓ Biostatistics1 for nursing students
- ✓ Biostatistics2 for environmental health students
- ✓ Biostatistics2 for Master's degree students Immunology
- ✓ Biostatistics for medical students
- ✓ Biostatistics for Animal Biology students
- ✓ Biostatistics for Plant biology students
- ✓ Biostatistics for Biology teacher students
- ✓ Statistics and probability for computer engineering student
- ✓ Biostatistics for Pharmacology students
- ✓ Biostatistics for PhD students environmental health
- ✓ Biostatistics for PhD students epidemiology
- ✓ Spss for Municipal engineering students in Razi university
- ✓ Biostatistics for Master's degree students Autopsy science
- ✓ Biostatistics for Clinical Psychology Master's Students
- ✓ Biostatistics for Radiology Bachelor's Students
- ✓ Statistics for Nuclear Medicine Master's Students
- ✓ Biostatistics for Radiology Master's Students
- ✓ Biostatistics for Public Health Master's Students
- ✓ Research Methodology for Occupational Health Master's St

## Research Interests:

- machine learning
- Meta-analysis
- Qualitative studies
- Longitudinal model

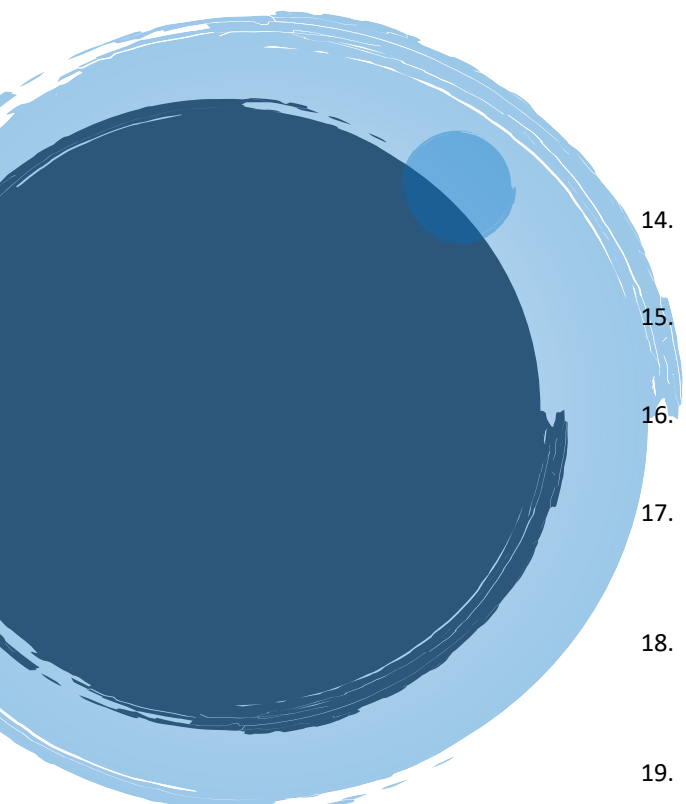

## Selected Peer Reviewed Journal Articles

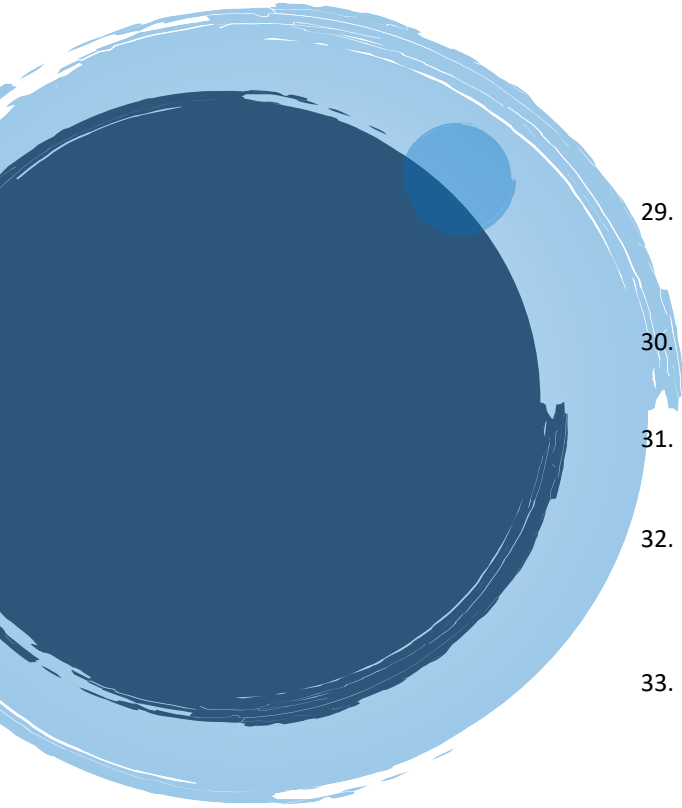
1. Andayeshgar B, Abdali-Mohammadi F, Sepahvand M, Daneshkhah A, Almasi A, Salari N. Developing Graph Convolutional Networks and Mutual Information for Arrhythmic Diagnosis Based on Multichannel ECG Signals. International Journal of Environmental Research and Public Health. 2022;19(17):10707. (ISI)
  2. Andayeshgar B, Abdali-Mohammadi F, Sepahvand M, Almasi A, Salari N. Arrhythmia detection by the graph convolution network and a proposed
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- structure for communication between cardiac leads. *BMC Medical Research Methodology*.2024.1(24) . (ISI)
3. Maleki R, Janatolmakan M, Fallahi M, Andayeshgar B, Khatony A. Intention to leave the profession and related factors in nurses: A cross-sectional study in Kermanshah, Iran. *Nursing open*.2023;10(27) . (ISI)
  4. Ali Soroush, Arash Ziapour, Jaffar Abbas, Iran Jahanbin, Bahare Andayeshgar, Farideh Moradi, Sahar Najafi, Elham Cheraghpouran. Effects of group logotherapy training on self-esteem, communication skills, and impact of event scale-revised (IES-R) in older adults. *Ageing International*.2022;47(4). (ISI)
  5. Mitra Hemmati, Mohamad Reza Tohidi, Ali Mohammadi , Firozeh Jahanpour , Bahareh Andayeshgar , Sahar Fallah. Poisoning in children and adolescents in Kermanshah city, Iran. *BMC Pediatr*.2024;22(24). (ISI)
  6. Andayeshgar B, Janatolmakan M, Soroush A, Azizi SM, Khatony A. The prevalence of obstructive sleep apnea in patients with type 2 diabetes: a systematic review and meta-analysis. *Sleep Science and Practice* 6 (1), 6. 2022. (ISI)
  7. Janatolmakan M, Andaieshgar B, Aryan A, Jafari F, Khatony A. Comparison of depression rate between the first-and final-year nursing students in Kermanshah, Iran. *Psychology Research and Behavior Management*. 2019;12:1147. (ISI)
  8. .Janatolmakan M, Delpak M, Abdi A, Mohamadi S, Andayeshgar B, Khatony A. Epidemiological study on animal bite cases referred to Haji Daii health Center in Kermanshah province, Iran during 2013–2017. *BMC public health*. 2020;20(1):1-8. (ISI)
  9. Janatolmakan M, Kakazadeh S, Andayeshgar B, Jafari F, Khatony A. Comparison of knowledge, attitude, and practice of nursing and medical students in Kermanshah, Iran, about toothbrush maintenance and use. *Journal of environmental and public health*. 2021;2021. (ISI)
  10. Janatolmakan M, Nouri R, Soroush A, Andayeshgar B, Khatony A. Barriers to the success of cardiopulmonary resuscitation from the perspective of Iranian nurses: A qualitative content analysis. *International emergency nursing*. 2021;54:100954. (ISI)
  11. Janatolmakan M, Soroush A, Andayeshgar B, Vahdat A, Khatony A. Factors affecting the desire to undergo cosmetic procedures among the nurses of Kermanshah, Iran: A cross-sectional study. *Plastic Surgical Nursing*. 2020;40(4):205-10. (PubMed)
  12. Janatolmakan M, Soroush A, Nouri R, Andayeshgar B, Khatony A. Knowledge, attitude, and performance of ICU, CCU, and emergency wards nurses in Kermanshah, Iran, regarding organ donation. *Critical Care Research and Practice*. 2020;2020. (ISI)
  13. Janatolmakan M, Torabi Y, Rezaeian S, Andayeshgar B, Dabiry A, Khatony A. The relationship between resilience and academic burnout among nursing and midwifery students in Kermanshah, Iran. *Education Research International*. 2021;2021. (ISI)



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14. Karimi S, Andayeshgar B, Khatony A. Prevalence of anxiety, depression, and stress in patients with multiple sclerosis in Kermanshah-Iran: a cross-sectional study. *BMC psychiatry*. 2020;20(1):1-8. (ISI)
  15. Khatony A, Soroush A, Andayeshgar B, Abdi A. Nursing students' perceived consequences of self-medication: a qualitative study. *BMC nursing*. 2020;19(1):1-7. (ISI)
  16. Khatony A, Soroush A, Andayeshgar B, Saedpanah N, Abdi A. Attitude of primiparous women towards their preference for delivery method: a qualitative content analysis. *Archives of Public Health*. 2019;77(1):1-9. (ISI)
  17. Menati L, Torabi Y, Andayeshgar B, Khatony A. The relationship between care burden and coping strategies in caregivers of hemodialysis patients in Kermanshah, Iran. *Psychology research and behavior management*. 2020;13:133. (ISI)
  18. Mozaffari HR, Janatolmakan M, Sharifi R, Ghandinejad F, Andayeshgar B, Khatony A. The relationship between the VARK learning styles and academic achievement in Dental Students. *Advances in medical education and practice*. 2020;11:15. (ISI)
  19. Naderi A, Janatolmakan M, Jalali R, Andayeshgar B, Khatony A. Iranian nurses' attitudes towards the necessity and barriers to developing nurse prescribing roles. *BMC nursing*. 2021;20(1):1-8. (ISI)
  20. Nazarianpirdosti M, Janatolmakan M, Andayeshgar B. Assessment of Knowledge, Attitude, and Practice of Iranian Nurses towards Toothbrush Maintenance and Use. *Nursing Research and Practice*. 2021;2021. (ISI)
  21. Nazarianpirdosti M, Janatolmakan M, Andayeshgar B, Khatony A. Evaluation of Self-Directed Learning in Nursing Students: A Systematic Review and Meta-Analysis. *Education Research International*. 2021;2021. (ISI)
  22. Soroush A, Abdi A, Andayeshgar B, Vahdat A, Khatony A. Exploring the perceived factors that affect self-medication among nursing students: a qualitative study. *BMC nursing*. 2018;17(1):1-7. (ISI)
  23. Soroush A, Andayeshgar B, Vahdat A, Khatony A. The characteristics of an effective clinical instructor from the perspective of nursing students: a qualitative descriptive study in Iran. *BMC nursing*. 2021;20(1):1-9. (ISI)
  24. Soroush A, Andayeshgar B, Janatolmakan M, Khatony A. Self-efficacy in cosmetic surgery applicants compared to nonapplicants. *Turkish Journal of Plastic Surgery*. 2020;28(1):55. (ISI)
  25. Soroush A, Andayeshgar B, Janatolmakan M, Khatony A. Comparison of the self-esteem between the applicants and non-applicants of cosmetic surgery. *European Journal of Plastic Surgery*. 2020;43(1):69-74. (ISI)
  26. Soroush A, Ziapour A, Abbas J, Jahanbin I, Andayeshgar B, Moradi F, et al. Effects of Group Logotherapy Training on Self-Esteem, Communication Skills, and Impact of Event Scale-Revised (IES-R) in Older Adults. *Ageing International*. 2021:1-21. (ISI)
  27. Janatolmakan M, Abdi A, Andayeshgar B, Soroush A, Khatony A. The Reasons for Self-Medication from the Perspective of Iranian Nursing Students: A Qualitative Study. *Nursing research and practice*. 2022;2022. (ISI)
  28. Maleki R, Janatolmakan M, Fallahi M, Andayeshgar B, Khatony A. Intention to leave the profession and related factors in nurses: A cross-sectional study in Kermanshah, Iran. *Nursing Open*. 2023. (ISI)
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29. Soroush A, Ziapour A, Sharma M, Jahanbin I, Andayeshgar B, Moradi F. Effects of Group Logo therapy Training on Self-Esteem, Communication Skills, and impact of event scale-revised (IES-R) in Elderly. *Ageing International*, 2022. (ISI)
30. Akya A, Rostami-Far Z, Andayeshgar B,.. - Platelet Indices as Useful Indicators of Urinary Tract Infection. *Iran J Ped Hematol Oncol*. 2019, Vol 9.No 3, 159-165. (ISI)
31. Parastoo Majidipour, Maryam Janatolmakan, Bahare Andayeshgar, Alireza Khatony. Exploring patient death experiences among Iranian nursing students. *Scientific Reports*.2019. Vol 14.3.p21345.(ISI)
32. Andaieshgar B ,KHatony A, Rezaei M. Prediction of tendency to surgical intervention in nurses using logistic regression model and its comparison with artificial neural network. *Razi Journal of Medical Sciences*. 2019;26(5):104-13.
33. Andaieshgar B, Sedehi M, Kheiri S, Farahani Nm. Comparson of Classical Discriminant Methods with Artificial Neural Network Using Different Algoritm to the Diagnosis of Myocardial Infarction. *Journal of Health System Research*. 2015;11(2):349-59.

