

BEHZAD MAHAKI

CURRICULUM VITAE



Demographic information:

Name	Family name	Gender	Birth year	Birth Country	Marital status	E -mail
Behzad	Mahaki	Male	1981	Iran	Married	Mahaki_amar@yahoo.com

Education:

Year	Degree title	Study field	Institution	Country
1999-2003	BS	Statistics	Allameh Tabataei University	Iran
2003-2005	MS	Biostatistics	Isfahan University of Medical Sciences	Iran
2008-2011	PhD	Biostatistics	Shahid Beheshti University of Medical Sciences	Iran

Academic position:

Year	Academic title	Institution
2005-2008	Faculty member	Ilam University of Medical Sciences
2011-2017	Assistant Professor	Isfahan University of Medical Sciences
2017-2018	Associate Professor	Isfahan University of Medical Sciences
2018-2021	Associate Professor	Kermanshah University of Medical Sciences
2021	Professor	Kermanshah University of Medical Sciences

Continuing Education:

Year	Course title	Institution
2014	Spatial Statistics	Ludwig Maximilian University, Munich

Selected Honors and Awards:

Year	Title	Institution
2005	Top Researcher	Ilam University of Medical Sciences

Teaching Experiences:

Year	Course title	Institution
2011-2018	Categorical Data Analysis	Isfahan University of Medical Sciences
2011-2018	An Introduction to Categorical Data Analysis	Isfahan University of Medical Sciences
2011-2018	Linear Models in Statistics	Isfahan University of Medical Sciences
2018-2019	Biostatistics 2	Isfahan University of Medical Sciences
2018-2021	Categorical Data Analysis	Kermanshah University of Medical Sciences
2018-2021	An Introduction to Categorical Data Analysis	Kermanshah University of Medical Sciences
Since 2005	Biostatistics	Ilam University of Medical Sciences Isfahan University of Medical Sciences Kermanshah University of Medical Sciences
Since 2005	Research Methodology	Ilam University of Medical Sciences Isfahan University of Medical Sciences Kermanshah University of Medical Sciences
Since 2005	Statistical Software	Ilam University of Medical Sciences Isfahan University of Medical Sciences Kermanshah University of Medical Sciences

Supervised and consulted Theses:

Supervision of 6 Biostatistics Ph.D. dissertations

Supervision of 10 Biostatistics M.A. theses

Consulting of 20 Ph.D. dissertations

Consulting of 5 Biostatistics M.A. theses

Consulting of 30 M.A. theses

Consulting of 100 M.D. theses

RESEARCH**Research Interest**

Spatial Statistical and Disease mapping

Psychometry

More than 200 published papers:

<https://scholar.google.com/citations?user=cKTq2M4AAAAJ&hl=en>

<https://www.scopus.com/authid/detail.uri?authorId=۳۶۷۳۱۲۴۸۲۰۰>

<https://www.ncbi.nlm.nih.gov/pubmed/?term=mahaki۲۰%b>

<https://publons.com/researcher/1989001/>

Selected Peer-Reviewed Journal Articles:

1. Concurrent spatiotemporal daily land use regression modeling and missing data imputation of fine particulate matter using distributed space-time Expectation Maximization, Atmospheric Environment, 2020
2. Spatial Variation in Lung Cancer Mortality and Related Men-Women Disparities in Iran from 2011 to 2014, Cancer Management and Research, 2020
3. Bivariate spatiotemporal disease mapping of cancer of the breast and cervix uteri among Iranian women, Geospatial health, 2018

4. Spatio-temporal pattern of two common cancers among Iranian women: An adaptive smoothing model, *Journal of B.U.ON. (JBUON Or Journal of Balkan Union of Oncology)*, 2019
5. Bladder cancer in Iran: Geographical distribution and risk factors, *International journal of cancer management (Iranian Journal of Cancer Prevention)*, 2017
6. Bivariate spatio-temporal shared component modeling: Mapping of relative death risk due to colorectal and stomach cancers in Iran provinces, *International Journal of Preventive Medicine*, 2019
7. Spatial Distribution of Congenital Hypothyroidism, *Arch Iran Med*, 2020
8. Time series analysis of monthly suicide rates in West of Iran, 2006-2013, *International Journal of Preventive Medicine*, 2019
9. Joint spatio-temporal shared component model with an application in Iran Cancer Data, *Asian Pacific journal of cancer prevention: APJCP*, 2018
10. A genome-wide association study to identify candidate genes for erectile dysfunction, *Briefings in Bioinformatics*, 2020
11. Mapping of stomach, colorectal, and bladder cancers in Iran, 2004-2009: Applying Bayesian polytomous logit model, *International journal of preventive medicine* 9, 2018
12. GJA4/Connexin 37 mutations correlate with secondary lymphedema following surgery in breast cancer patients, *Biomedicines*, 2018
13. Trends and risk factors of gastric cancer in Iran (2005-2010), *International Journal of Preventive Medicine*, 2019
14. Identification of High and Low-Risk Areas of Tuberculosis in Lorestan Province, West of Iran, *Tanaffos*, 2017
15. Spatial and Temporal Variations of PM2.5 Concentration and Air Quality in Isfahan City in 2016, *Journal of Environmental Health and Sustainable Development*, 2019
16. Spatiotemporal modeling of airborne fine particulate matter distribution in Isfahan, *International Journal of Environmental Health Engineering*, 2020
17. Simultaneous Effects of Viral Factors of Human Papilloma Virus and Epstein-Barr Virus on Progression of Breast and Thyroid Cancers: Application of Structural Equation Modeling, *Asian Pacific Journal of Cancer Prevention*, 2020
18. Beliefs about binge eating: The psychometric properties of the Persian version of the eating beliefs questionnaire, *Journal of Research in Medical Sciences*, 2020
19. The psychometric properties of the Persian version of interpersonal sensitivity measure, *Journal of Research in Medical Sciences*, 2017
20. The Assessment of Alexithymia Across Positive and Negative Emotions: The Psychometric Properties of the Iranian Version of the Perth Alexithymia Questionnaire, *Iranian Journal of Psychiatry and Behavioral Sciences*, 2020
21. Disordered eating: The psychometric properties of the Persian version of the Eating Attitudes Test-8, *Journal of education and health promotion*, 2020
22. Prevalence, awareness, treatment, control, and risk factors of hypertension among adults: a cross-sectional study in Iran, *Epidemiology and health*, 2018
23. Psychometric Properties of the Farsi Version of the Schwartz Outcome Scale, *Iranian Journal of Psychiatry and Behavioral Sciences*, 2019
24. The Functional, Communicative, and Critical Health Literacy (FCCHL) Scales: Cross-Cultural Adaptation and the psychometric Properties of the Iranian Version, *Iranian Red Crescent Medical Journal*, 2017
25. Eating disorders screening tools: The psychometric properties of the Persian version of Eating Attitude Test, *International Journal of Preventive Medicine* , In press
26. The effect of nitrous oxide in comparison to oxygen combined with fentanyl on the hospitalization time and pain reduction in renal colic patients at emergency department, *Journal of Research in Medical Sciences*, 2018
27. Dietary patterns and attention deficit hyperactivity disorder among Iranian children: a case-control study, *Journal of the American College of Nutrition*, 2019
28. The dietary acid load is higher in subjects with prediabetes who are at greater risk of diabetes: a case-control study, *Diabetology & metabolic syndrome*, 2019
29. Prevalence hearing loss of truck and bus drivers in a cross-sectional study of 65533 subjects, *Environmental Health and Preventive Medicine*, 2019

30. Exploring the barriers of adherence to dietary recommendations among patients with type 2 diabetes: A qualitative study in Iran, *Nursing Open*, 2020
31. Study of the effect of memantine therapy on the treatment of dyslexia in children, *Journal of Research in Medical Sciences*, 2017
32. The effect of honey consumption compared with sucrose on lipid profile in young healthy subjects (randomized clinical trial), *Clinical nutrition ESPEN*, 2018
33. Lateral rectus muscle recession and the vertical palpebral fissure height: to do or not to do intermuscular septum dissection?, *International journal of ophthalmology*, 2018
34. Effectiveness of educational intervention based on psychological factors on achieving health outcomes in patients with type 2 diabetes, *Diabetology & metabolic syndrome*, 2018
35. The psychosocial barriers to medication adherence of patients with type 2 diabetes: a qualitative study, *BioPsychoSocial Medicine*, 2020
36. Prevalence of lactose intolerance and its association with breakfast consumption in Iranian adolescents, *Nutrition & Food Science*, 2019
37. Evaluation and comparison of stool calprotectin level in necrotizing enterocolitis infected and noninfected neonates of < 1500 g, *Journal of Clinical Neonatology*, 2019
38. Serum level of interleukin 12 in patients with multiple sclerosis, *International Journal of Neuroscience*, 2019
39. Transulnar versus transradial approach for coronary angiography and angioplasty: Considering their complications, *ARYA atherosclerosis*, 2018
40. Pregabalin Does Not Reduce Opioid Withdrawal Symptoms: A Randomized Controlled Trial, *Addictive Disorders & Their Treatment*, 2019
41. Omega-3 and vitamin E co-supplementation can improve antioxidant markers in obese/overweight women with polycystic ovary syndrome, *International Journal for Vitamin and Nutrition Research*, 2019
42. Effects of Companionship in Training Sessions on Primiparous Women's Knowledge, Attitude and Performance toward Breastfeeding, *International Journal of Pediatrics*, 2017
43. Effects of bread with *Nigella sativa* on hematologic factors in metabolic syndrome patients, progress in nutrition, 2018
44. Survey of consumption pattern, exposure and risk assessment of aflatoxins in different animal livers in Iran, *Iranian Journal of Chemistry and Chemical Engineering*, In press
45. Dietary fat quality and pre-diabetes: A case-control study, *International Journal of Preventive Medicine*, 2020
46. Investigating the role of interpersonal sensitivity, Anger, and Perfectionism in social anxiety, *International Journal of Preventive Medicine*, 2018
47. Comparison of the relationship between women' empowerment and fertility between single-child and multi-child families, *Iranian journal of nursing and midwifery research*, 2018
48. Evaluating combined effect of noise and heat on blood pressure changes, *Journal of education and health promotion*, 2017
49. Does health literacy affect women's oral health self-care behavior? A cross-sectional study in health centers of Tabriz, North West of Iran, *Journal of Oral Health and Oral Epidemiology*, 2017
50. Higher intake of phytochemical-rich foods is inversely related to prediabetes: a case-control study, *International journal of preventive medicine* 9, 2018
51. Job demand-control and job stress at work: A cross-sectional study among prison staff, *Journal of education and health promotion*, 2017
52. The Effect of Oral Health Educational Intervention Program among Mothers of Children aged 1-6: Based on the Theory of Planned Behavior, *Journal of Dentistry, Shiraz University of Medical Science (ISSN/ISBN: 2345-6485, 2345-6418)*, 2020
53. Novel effects of *Rosa damascena* extract on patients with neurocognitive disorder and depression: A clinical trial study, *International Journal of Preventive Medicine* 9, 2018
54. Multiple intelligences profiles of children with attention deficit and hyperactivity disorder in comparison with nonattention deficit and hyperactivity disorder, *Advanced Biomedical Research*, 2017
55. Toothbrushing frequency among 4-6-year-old Iranian children and associated maternal attitude and sociobehavioral factors, *Dental Research Journal*, 2017

56. Determinants of Oral health behavior among preschool children: application of the theory of planned behavior, *Journal of Dentistry, Shiraz University of Medical Science* (ISSN/ISBN: 2345-6485, 2345-6418), 2018
57. Evaluation of acute aortic dissection type a factors and comparison the postoperative clinical outcomes between two surgical methods, *Advanced biomedical research*, 2017
58. Effects of Chromium Picolinate Supplementation on Cardiometabolic Biomarkers in Patients with Type 2 Diabetes Mellitus: a Randomized Clinical Trial, *Clinical Nutrition Research*, 2020
59. Frequency of cutaneous fungal infections and azole resistance of the isolates in patients with diabetes mellitus, *Advanced biomedical research* , 2017
60. Physical activity stage of change and its related factors in secondary school students of sarableh city: A perspective from iran, *Open access Macedonian journal of medical sciences*, 2018
61. Seeking safety therapy for co-occurring posttraumatic stress disorder and substance use disorder: A case study in Iran, *International Journal of High Risk Behaviors and Addiction*, 2018
62. The Impact of Hearing Protection Devices (HPDs) on Blood Pressure in Workers Exposed to Noise: A Cross-sectional Study in a Textile Industry, *Iranian Journal of Health, Safety and Environment*, 2018
63. "Psychometric Properties of the Persian Version of the Brief Illness Perception Questionnaire in Chronic Diseases, *Journal of Research in Rehabilitation Sciences*, 2019
64. The Healthy Eating Index 2005 among 13-17 Year-Old Students in Iran, *Journal of Nutrition and Food Security*, 2020
65. Joint disease mapping of breast, uterine and ovarian cancers in counties of Isfahan province from 2005 to 2010 using spatial shared component model, *International Journal of Preventive Medicine* , In press
66. Epidemiologic view and spatial analysis of the mortality of children under 5 years of age in Isfahan province in 2011-2016, *International Journal of Preventive Medicine* , In press