Personal information
Soheila Khodakarim
Date of birth: 22 Dec 1981
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Position	2018-now	Associate Professor in Biostatistics, Faculty of Public Health and Safety, Faculty of Paramedical Sciences, Shahid Beheshti University of Medical Sciences
	2012-2018	Assistant Professor in Biostatistics Faculty of Public Health, Faculty of Paramedical Sciences, Shahid Beheshti University of Medical Sciences
Education	Aug 2012	PhD in Biostatistics, Shahid Beheshti University of Medical Sciences, Tehran, Iran
		Thesis Title: Study and development of correlation structure in gene set analysis Supervisor: Hamid Alavi Majd(PhD)
	Jan 2007	Master Science in Biostatistics, Shiraz University of Medical Sciences, Shiraz, Iran
		Thesis Title: Calculation of conditional Norms of Longitudinal Anthropometric Measurements of shiraz infants Supervisor: SMT Ayatollahi
	Jul 2004	Bachelor Degree in Statistics, Shiraz University, Shiraz, Iran
Teaching Experiences	2012-now	Survival Analysis, PhD students in Biostatistics and Epidemiology
	2012-now	Mathematical Statistics, PhD students in Epidemiology
	2007- now	Biostatistics I & II, MPH, MS and PhD students in Health and Safety School
Articles	2020	Tracing the physiological response and behavioral performance of drivers at different levels of mental workload using driving simulators
	2020	Estimation of direct and indirect effects of risk behaviors on HCV infection among people who inject drugs in Kermanshah, Iran: a path analysis study
	2020*	Estimating the cure proportion of colorectal cancer and related factors after surgery in patients using parametric cure models
	2020	Guessability of U.S. pharmaceutical pictograms in Iranian prospective users
	2020	Relationship between heat stress exposure and some immunological parameters among foundry workers
	2020	Comparison of Y and ZSM-5 zeolite modified with magnetite nanoparticles in removal of hydrogen sulfide from air

	Year	Title
	2019*	Mismeasured Covariate in the Long-Term Survival of Colorectal Cancer
	2019*	Predictive model for the cure rate of NICU admitted preterm neonates: the mixture cure model
	2019*	Validation of classification models and data reduction methods based on gene expression data
	2019	The concentration of potentially toxic elements (PTEs) in the onion and tomato irrigated by wastewater: A systematic review; meta-analysis and health risk assessment
Articles	2019	Socioeconomic inequality in mortality from road traffic accident in Iran
	2019	Degradation of bisphenol a from aqueous solutions using fe3 o4 as a persulfate activator
	2019	Analyzing inappropriate magnetic resonance imaging (MRI) prescriptions and resulting economic burden on patients suffering from back pain
	2019	Shoulder pain prevalence and risk factors in middle-aged women: A cross-sectional study
	2019	The effect of noise exposure on cognitive performance and brain activity patterns
	2019	Correlation pattern of factors related to domestic violence against married women in tehran-iran
	2019	Determining the levels of urbanization in Iran using hierarchical clustering
	2019	Incidence of pressure ulcers in intensive care units and direct costs of treatment: Evidence from Iran
	2019	Effects of noise on mental performance and annoyance considering task difficulty level and tone components of noise
	2019	Investigating the relationship between heat stress and workers' blood parameters in a foundry
	2019	A Novel Effect of White Noise on Auditory and Visual Attention using Biomedical Signals on Petrochemical Control Room Operators
	2019	Estimation of direct and indirect effects of risk behaviors on HCV infection among people who inject drugs in Kermanshah, Iran: a path analysis study
	2019	Effects of hypothetical interventions on ischemic stroke using parametric G-formula
	2019	Epidemiological trends in cesarean section rate in Qom province, Iran during 2005-2017; A joinpoint regression analysis
	2019	The effects of combined exposure to noise and heat on human salivary cortisol and blood pressure

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	2019	Investigation of geographical and socioeconomic inequalities in mortality from road traffic accidents in corpses referred to legal medicine organization of Iran
	2019	An attempt to describe the features of patients with chronic renal failure and the factors associated with this disease among hemodialysis patients in a hospital in Tehran in 2016
	2019	Prevalence and effect factors of HBV among injection drug users in Kermanshah, Iran in 2016
Articles	2019	Occupational and biological monitoring of workers exposed to airborne dust in Gol-e-Gohar Iron Ore mine
	2019	Oxidative stress markers in early pregnancy loss: A case-control study
	2019*	Associated factors with major depression: a path analysis on NHANES 2013–2014 study (correspond a
	2018*	Analyzing the long-term survival of patients with colorectal cancer: A study using parametric non-mixture cure rate models (cor
	2018	Studying the factors related to refractive error regression after PRK surgery
	2018*	Familial aggregation and linkage analysis with covariates for metabolic syndrome risk factors(First Author)
	2018*	The impact of ambient temperature on acute myocardial infarction admissions in Tehran, Iran
	2018*	Associations between dietary risk factors and ischemic stroke: a comparison of regression methods using data from the Multi-Ethnic Study of Atherosclerosis
	2017	Urban-rural differences in the prevalence of self-reported diabetes and its risk factors: The WHO STEPS Iranian noncommunicable disease risk factor surveillance in 2011
	2017	Investigation of the relationship between the incidence of colorectal cancer and the human development index in Iran: An ecologic study
	2016	Correlation between Heat Strain Score Index and WBGT Index with Physiological Parameters in a Glass Manufacturing Plant INTERNATIONAL JOURNAL OF OCCUPATIONAL HYGIENE
	2016	Executive functions of patients under methadone and buprenorphine maintenance treatment Koomesh
	2016	The estimated survival rates for colorectal cancer and related factors in Iran from 1384 to 1388 using the Aalen's additive risk model Iranian Journal of Epidemiology

	2016	Using support vector machines in predicting and classifying factors affecting preterm delivery Journal of Paramedical Sciences (JPS)
	2016	Grading of Glioma Tumors by Analysis of Minimum Apparent Diffusion Coefficient and Maximum Relative Cerebral Blood Volume Caspian J Neurol Sci
	2016	Prediction of the Thromboembolic Syndrome: an Application of Artificial Neural Networks in Gene Expression Data Analysis Journal of Paramedical Sciences (JPS)
Articles	2016	A case-control study on risk factors for unintentional childhood poisoning in Tehran.
	2016	Child unintentional injury prevention in Eastern Mediterranean Region. Int J Crit Illn Inj Sci.
	2015	Does temporary location of ambulances (fluid deployment) affect response times and patient outcome? International Journal of Emergency Medicine
	2014*	The Multivariate Nonparametric Methods for Identifying Gene Sets with Differential Expression (First Author)
	2014*	Assessment of Gene Set analysis methods based on microarray data (First Author).
	2013*	A Comparison of Univariate and Multivariate Gene Set Analysis in Acute Lymphoblastic Leukemia (First Author).
	2015	Examining the correlation of adherence to warfarin therapy with demographic characteristic
	2015	Differences in cervical extensor muscles thickness in subjects with normal head posture and forward head posture: an ultrasonography study. Journal of Rehabilitation Sciences and Research
	2015	Factors Associated with Self-care Behavior in Patients with Type II Diabetes J Mazandaran Univ Med Sci
	2014	Improved Method for Analysis of Airborne Asbestos Fibers Using Phase Contrast Microscopy and FTIR Spectrometry Tanaffos
	2014	Radiographic changes of lumbar spine and pelvis in chronic spinal injury Tehran University Medical Journal
	2013	Biclustering Algorithm for Embryonic Tumor Gene Expression Dataset: LAS Algorithm. Journal of Paramedical Sciences (JPS)
	2013	Biomarker Profiling (Erbb2, P53, and PR) for Stage I of Breast Cancer. *Journal of Paramedical Sciences (JPS)*
	2012*	Gene sets involved in prostate cancer based on differential expression

	2012	A Study of Growth Failure and its Related Factors in Children from 0 to 2 Years in Tehran, Iran. Turk J Pediatr
	2012	Long-term exposure to low frequency electro-magnetic fields of 50- and 217-Hz leads to learning and memory deficits in mice. JPS
	2015	Predicting of effective dose as Biomarker for Cytotoxicity using Partial Least Square-Fourier Transform Infared Spectroscopy. Iranian Journal of Pharmaceutical Research
		*: **Corresponding or First Author**
Conferences	2017	Validation of classification and data reduction methods based on gene expression data.38th Annual conference of the International Society for clinical Biostatistics. Vigo, Spain, 9-17 July 2017
	2015	Using Data Mining Instead of Gene Set Analysis, Is It O.K? 6th Word DNA and Genome Day (WDD-2015) Nanjing, Chin, 25-28 April.
	2014	Temporary stationed ambulances save lives: A Comparison between temporary and permanent stationed ambulances. 8th European Congress on Emergency Medicine. Westergasfabrik, Amesterdam 28 Sept-1 Oct 2014
Executive Experience	2018- now	Deputy Editor-in-chief: Archives of Advances in Biosciences
	2014-now	Associate Editor: International Journal of Cancer Management
	2017-now	Member of Ethics committee, Mofid children's Hospital
	2012-2019	Director of Research, School of Public Health and Safety, Shahid Beheshti University of Medical Sciences Tehran, Iran