

Curriculum Vitae

- Personal History**

Date: 2. October. 2021

Name (first name/surname, last name/forename): Fatemeh Khorashadizadeh

Address (Office): Faculty of Health Sciences, Neyshabur University of Medical Sciences, Janbazan Blvd, Neyshabur, Iran, 14139-93186

Phone (Office): +98 51 43306201

*Address (Home): Amirkabir Blvd., Neyshabur, Iran

*Phone (Home):

*Mobile:

*Email Address: khorashadizadehf1@nums.ac.ir

* Optional items

- Educational History**

- a. Education (Academic Preparation)**

Major	Minor	Degree	University	City	Country	Year	
						From	To
		PhD of Biostatistics	Tehran University of Medical Sciences	Tehran	Iran	2012	2019
		MSc degree in Biostatistics	Mashhad University of Medical Sciences	Mashhad	Iran	2009	2011
		BSc of Statistics	Ferdowsi University of Mashhad	Mashhad	Iran	2001	2005

- b. Theses**

Title of thesis	Degree	Supervisor(s)
Providing an optimal combination criterion for evaluating the accuracy of dynamic prediction in the joint models for longitudinal and time-to-event data in shared random effects model and finite mixture model under different simulation scenarios and it's application in medical data	PhD degree in Biostatistics	Prof. Abbas Rahimi Foroushani, Dr.Hamed Tabesh
Prediction of the number stenosed coronary vessels based on traditional and non-traditional cardiovascular risk factors using SEM	MSc degree in Biostatistics	Prof. Habibollah Esmaily

• **Professional History**

a. Teaching history

School	*Level	Role	**Type of lesson (theory or Practical)	Title of lesson	Number of Students	Clock Hours	Year
Faculty of Health Sciences	Undergraduate	Teacher	Theory	Descriptive biostatistics			2019
Faculty of Health Sciences	Undergraduate	Teacher	Theory	Biostatistics methods			2019
Faculty of Health Sciences	Undergraduate	Teacher	Theory	Biostatistics methods			2019
Faculty of Health Sciences	Undergraduate	Teacher	Theory	Basic statistics			2020
Faculty of Health Sciences	Undergraduate	Teacher	Theory	Descriptive biostatistics			2020
Faculty of Health Sciences	Undergraduate	Teacher	Theory	Inferential biostatistics			2020
Faculty of Health Sciences	Undergraduate	Teacher	Theory	Biostatistics methods			2020
Faculty of Health Sciences	Undergraduate	Teacher	Theory	Biostatistics methods			2020
Faculty of Health Sciences	Undergraduate	Teacher	Theory	Inferential biostatistics			2020
Faculty of Health Sciences	Undergraduate	Teacher	Theory	Biostatistics methods			2020
Faculty of Health Sciences	Undergraduate	Teacher	Theory	Biostatistics methods			2020
Faculty of Health Sciences	Undergraduate	Teacher	Theory	Biostatistics methods			2020
Faculty of Health Sciences	Undergraduate	Teacher	Theory	Biostatistics methods			2020
Faculty of Health Sciences	Undergraduate	Teacher	Theory	Basic statistics			2021
Faculty of Health Sciences	Undergraduate	Teacher	Theory	Biostatistics methods			2021
Faculty of Health Sciences	Undergraduate	Teacher	Theory	Advanced Biostatistics and Epidemiology			2021
Faculty of Health Sciences	Undergraduate	Teacher	Theory	Biostatistics methods			2021
Faculty of	Undergraduate	Teacher	Theory	Biostatistics methods			2021

Health Sciences							
Faculty of Health Sciences	Undergraduate	Teacher	Theory	Biostatistics methods			2021
Faculty of Health Sciences	Undergraduate	Teacher	Theory	Basic statistics			2021

*Level: Undergraduate, Resident, Postgraduate, Graduate

**Type of lessons: Theory or Practical (Classroom, Laboratory, clinic, Operating Room, Community, etc.)

b. Professional Service

Type of Service	Place	Year

c. Academic Administrative Appointments

Position	Duties	Institution/Location	Supervisor	Year

d. Executive Positions and appointments (Administrative)

Job Title	Duties and Responsibilities	Site of activity	Supervisor	Year	
				From	To

• Honors and Awards

Award	Place	Awarding body	Year
Awards for outstanding MSc Student	Mashhad University of Medical Sciences		2009
Awards for outstanding lecturer in the third research festival of graduate students of Mashhad University of Medical Sciences	Mashhad University of Medical Sciences		2011
Awards for outstanding lecturer in the seventh annual research conference of students of medical universities in the east of the country	Mashhad		2011

• Membership in Professional Associations and societies (Professional Memberships)

Name of Association	Site of association	For	Year

• **Committees and councils Membership**

Name of Committee or council	Member/officer	Place	Year	
			From	To

• **Approved Projects and Proposals**

Title of Project/proposal	Role (PI, Co-Investigator, Consultant, etc.)	Hours of activity	Place	Current condition of Project/proposal	Year
Prediction of the number stenosed coronary vessels based on traditional and non-traditional cardiovascular risk factors using SEM	Principal Investigator		Mashhad University of Medical Sciences	Finished	2012
The application of Structural Equation Model in determining the factors related to severity of menopausal symptoms in Mashhad's female residents	Co-investigator		Mashhad University of Medical Sciences	Finished	2015
Determination percentiles of body mass index in individuals adults in Mashhad city using semi-parametric quantile	Co-investigator		Mashhad University of Medical Sciences	Finished	2015

regression					
Application of Artificial intelligence and logistic regression analysis for premature neonate's mortality prediction in NICU	Co-investigator		Mashhad University of Medical Sciences	Finished	2015
Evaluation of quantile regression model for count data to determine percentiles of CD4 cells based on age in HIV positive subjects	Co-investigator		Mashhad University of Medical Sciences	Finished	2016
A Comparative Study on the Effect of Lidocaine Spray and Ice Spray on Pain intensity during Intramuscular Injection	Co-investigator		Neyshabur University of Medical Sciences	Under Supervision	2019
Clinical epidemiology of COVID 19: Reports from outpatient and inpatient settings Neyshabur 2020	Co-investigator		Neyshabur University of Medical Sciences	Finished	2020
COVID 19 risk assessment among healthcare workers (HCW) in Neyshabur,	Co-investigator		Neyshabur University of Medical Sciences	Finished	2020

2020					
Active case finding for screening of COVID19 in older adults 50 years and up, Neyshabur 2020	Co-investigator		Neyshabur University of Medical Sciences	Under Supervision	2020
Evaluation of coating effect on oil absorption and sensory properties of watermelon skin chips and optimization of its production conditions with fuzzy logic and response surface methodology	Co-investigator		Neyshabur University of Medical Sciences	Under Supervision	2020
A study of psychological distress among people aged 50 years and older during social distancing due to COVID19, Neyshabur 2020	Co-investigator		Neyshabur University of Medical Sciences	Finished	2020
Evaluation of short-term survival of patients with coronavirus in Neyshabur city	Principal Investigator		Neyshabur University of Medical Sciences	Finished	2020
Prevalence of anxiety and depression in medical staff during the COVID-19	Co-investigator		Neyshabur University of Medical Sciences	Under Supervision	2020

epidemic in Neyshabur					
Prevalence of post-traumatic stress disorder (PTSD) in patients with covid 19 disease and families in Neyshabur	Co-investigator		Neyshabur University of Medical Sciences	Under Supervision	2020
Correlation between Quarantine in COVID-19 pandemic and domestic violence against women	Co-investigator		Neyshabur University of Medical Sciences	Under Supervision	2020
Modeling Metabolic Syndrome Through Structural Equations in the elderly population of North- East IRAN	Principal Investigator		Neyshabur University of Medical Sciences	Under Supervision	2020
Using structural equation modeling to identify the risk factors of type 2 diabetes mellitus in the elderly population of North- East IRAN	Principal Investigator		Neyshabur University of Medical Sciences	Under Supervision	2020

● **Grants Received**

Source	Grant No.	Title	Budget of Grant (Total Costs)	Role (PI, Co-Investigator, Consultant, etc.)	Period
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- **Theses directed, supervised or consulted**

Title of thesis	Degree/Level	Place	Role	Year

- **Lectures**

Title of Lecture	Seminar	Place	Year

- **Editorial**

Journal	Place of Publishing	Duties and Responsibilities	Year	
			From	To
Journal of Biostatistics and Epidemiology	Tehran University of Medical Sciences	Reviewer	2018-2021	
International Journal of Community Based Nursing and Midwifery (Reviewer)	Shiraz University of Medical Sciences	Reviewer	2017-2021	
Journal of Neyshabur University of Medical Sciences (Reviewer)	Neyshabur University of Medical Sciences	Reviewer	2019-2021	

- **Courses (educational, training, research and management)**

Course	Level	Place	Year

- **Attending in seminars, workshops, etc.**

Title of seminar, workshop, etc.	Duration	Place	Year

- **Publications:**

- a. **Books**

Author(s)	Editor	Title	Publisher	Site of Publication	Year of Publication

- b. **Articles**

Author(s)	Title	Journal name	Vol. No.	Issue No.	Page No.	Year
Shamshirgaran SM, Aminisani N, Abasi H, et al., 2020. . July 2021	Risk assessment of coronavirus disease 2019 among healthcare workers in Neyshabur, 2020	Proceedings of Singapore Healthcare	online	online	online	2020
Rezaeian A, Rezaeian M, Khatami SF, Khorashadizadeh F, Moghaddam FP.	Prediction of mortality of premature neonates using neural network and logistic regression	J Ambient Intell Humanized Comput	online	online	online	2020
Khorashadizadeh F, Tabesh H, Parsaeian M, Esmaily H, Rahimi Foroushani A	Predicting the survival of AIDS patients using two frameworks of statistical joint modeling and comparing their predictive accuracy	Iran J Public Health	49	5	949-958.	2020
Rahsepar AA, Mirzaee A, Moodi F, Moohebaty M, Tavallaie S, Khorashadizadeh F, et al.	Malondialdehyde-Modified LDL IgG Antibody Levels and Indices of Cardiac Function in Valvular Heart and Coronary Artery Disease	Med Princ Pract	24	5	424-431	2015

	Patients					
Esmaeily H, Peyman N, Taghipour A, Khorashadizadeh F, Mahdizadeh M.	A structural equation model to predict the social- cognitive determinants related to physical activity in iranian women with diabetes mellitus	J Res Health Sci	14	4	296-302	2014
Rahsepar AA, Mirzaee A, Moodi F, Moohebaty M, Tavallaie S, Khorashadizadeh F, et al..	Changes in anti- heat shock protein 27 antibody and C-reactive protein levels following cardiac surgery and their association with cardiac function in patients with cardiovascular disease	Cell Stress Chaperones	18	1	65-74	2013
Rahsepar AA, Mirzaee A, Moodi F, Moohebaty M, Tavallaie S, Khorashadizadeh F, et al.	Prooxidant- antioxidant balance and cardiac function in patients with cardiovascular disease following cardiac surgery	J Heart Valve Dis	22	3	408-417	2013
Rahsepar AA, Khorashadizadeh F, Ghayour- Mobarhan M, Ferns G.	Authors' Reply	Cardiology	127	1	71-72.	2013
Tavallaie S, Rahsepar AA, Abdi H, Moohebaty M, Moodi F, Pourghadamyari H, et al.	Association between indices of body mass and antibody titers to heat-shock protein-27 in healthy subjects	Clin Biochem	45	1	144-147	2012
Rahsepar AA, Mirzaee A, Moodi F, Moohebaty M, Tavallaie S, Eshraghi A, et	Prooxidant- antioxidant balance and antioxidized LDL antibody level values and cardiac	Cardiology	122	4	203-209.	2012

al.	function in patients with coronary artery disease					
Rahsepar AA, Pourghadamyari H, Moohebati M, Parizadeh SMR, Tavallaie S, Paydar R, et al..	Prooxidant-anti-oxidant balance is not associated with extent of coronary artery disease	Clin Biochem	44	16	1304-1308.	2011
Khorashadizade F, Karamidehkordi A, Rahsepar A, Latifnejad Rodsari R, Salari M, Esmaily H et al	Determination of the association between body image with sexual function and marital adjustment in fertile and infertile Women by path analysis modeling[Persian]	JNKUMS	3	5	23-31	2012

c. Papers Presented

Author(s)	Title of Article	Congress	Place	Type of Presentation (Oral or Poster)	Year

d. Media and Software

Title of Media or Software	Usage	Designer(s)/ Programmer(s)	Year

- **Others**

- **Professional Interests**

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- Structural Equation Modeling
 - Repeated Measures
 - Joint Modeling of Longitudinal and Survival Data

- Data Science
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- **References (referees)**