

Curriculum Vitae

Date prepared: Sep. 2018

PERSONAL INFORMATION




Neda Gilani

PhD, Assistant Professor of Biostatistics, Department of Statistics and Epidemiology, Faculty of Health, Tabriz University of Medical Sciences, Tabriz, Iran

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 ORCID: <https://orcid.org/0000-0002-5399-0277>

 Researcher ID: D-7715-2017

Date of birth 23/08/1984 | Marital Status: Married

EDUCATIONAL BACKGROUND

PhD degree in Biostatistics

Department of Biostatistics, Faculty of Medical Sciences, Tarbiat Modares University, Tehran, Iran, 2016

Thesis title: "Joint Analysis of Longitudinal Ordinal and Event Time Data and its Application to Medical Data"

Supervisor: Dr. Anoshirvan Kazemnejad, Advisors: Dr. Farid Zayeri, Dr. Davood Khalili

M.Sc. of Biostatistics

Department of Biostatistics, Faculty of Medical Sciences, Tarbiat Modares University, Tehran, Iran, 2010

Thesis title: "Application of Generalized Mixed Models in Hypertension"

Supervisor: Dr. Anoshirvan Kazemnejad, Advisor: Dr. Farid Zayeri

B.Sc. of Statistics

Department of Statistics, Faculty of Mathematic, Tabriz University, Tabriz, Iran, 2007

Title: "Estimation of density function using normal composition"

Supervisor: Dr. Hossein Jabbari Khamenei

Awards

- Top student of Tabriz University, 2006
- Ranked 3 in MSc qualification exam by the Iranian Ministry of Science, Research and Technology, 2007
- Ranked 1 in Ph.D qualification exam by the Iranian Ministry of Science, Research and Technology, 2010

Teaching Experience

- Analysis of Discrete Multivariate Statistics to M.Sc. Students
- Statistics and Probability to B.Sc. Students
- Statistical Computations with Computer to B.Sc. Students
- Theory of Linear Models and Matrices to M.Sc. Students
- Medical Statistics to M.Sc. Students
- Biostatistics to M.Sc. and B.Sc. Students
- Advanced Biostatistics to Ph.D. Students
- Advanced Biostatistics to Specialty Students

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Research Interests

- Longitudinal Data Analysis
- Survival Data Analysis
- Disease mapping and spatial data modeling
- Bioinformatics
- Data Mining
- Machine learning Methods and Artificial Neural Networks
- Bayesian statistics
- Statistical Modeling of Validity and Reliability of instruments
- Structural equation modeling
- Meta-Analysis of Clinical Trials and Observational Studies

Books

- Applied Tutorial Survival Analysis Using SAS and SPSS Software, 2011

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Student Supervisor, Co-Supervisor, Advisor

Supervisor/Co M.Sc. students

Azam Jafari (M.Sc. epidemiology)

Advisor M.Sc. students

Maryam Rahimpour (M.Sc. nursing), Behjat Tamadoni (M.Sc. nursing), Masomeh Nalband (M.Sc. epidemiology), Golshan Moghbeli (M.Sc. nursing),

Advisor M.D students

Mahsa Hadi

Advisor Ph.D students

Fatemeh Ranjbar (Ph.D Social Medicine), Farzad Salman-nejad (Ph.D Emergency Medicine), Mino Arefi-kia (Ph. D Emergency Medicine), Bahman Rahimi (Ph.D Surgery), Maryam Jaber (Ph.D Social Medicine),

Published, Accepted or Submitted articles in peer-reviewed journals

1. **Gilani, N.**, Kazemnejad, A., Zayeri, F., & Yazdani, J. (2011). Comparison of Marginal Logistic Model with Repeated Measures and Conditional Logistic Model in Risk Factors Affecting Hypertension. *Journal of Mazandaran University of Medical Sciences*, 21(82), 27-35.
2. **Gilani, N.**, Kazemnejad, A., Zayeri, F., Dizaji, M. K., & Dabir, S. (2014). Effects of Interpleural Morphine on Severity of Post-Thoracotomy Pain. *Scimetr*, 2(3).

3. Haghshenas, R., Jafari, M., Ravasi, A., Kordi, M., **Gilani, N.**, Shariatzadeh, M., ... & Rahimi, M. (2014). The effect of eight weeks endurance training and high-fat diet on appetite-regulating hormones in rat plasma. *Iranian journal of basic medical sciences*, 17(4), 237.
4. Kazemnejad, A., Firoozabadi, M., Gholami Fesharaki, M., Samadi, S., & **Gilani, N.** (2014). Effects of Electromagnetic Fields on Health Outcomes: A Systematic Review Study. *Journal of Police Medicine*, 2(4), 209-222.
5. **Gilani, N.**, Kazemnejad, A., & Zayeri, F. (2015). Determining the Factors Affecting Albumin Serum in Hemodialysis Patients Using Random Effects Model. *Journal of Mazandaran University of Medical Sciences*, 25(131), 40-47.
6. **Gilani, N.**, Kazemnejad, A., Zayeri, F., Jafarabadi, M. A., & Avanj, F. S. I. (2015). Predicting Outcomes in Traumatic Brain Injury Using the Glasgow Coma Scale: A Joint Modeling of Longitudinal Measurements and Time to Event. *Iranian Red Crescent Medical Journal*, 19(2).
7. **Gilani, N.**, Kazemnejad, A., Zayeri, F., Jafarabadi, M. A., & Izadi, F. (2015). Assessing the relationship between GCS scores and survival of TBI patients: joint modeling of longitudinal measurements and time to incident. *Trauma Monthly*, 20(Special Issue).
8. Kazemnejad, A., Gholami-Fesharaki, M., Samadi, S., & **Gilani, N.** (2015). Determining the Factors Affecting Childbearing Tendency in Tehran Police Personnel. *J Police Med*, 4(3), 201-8.
9. Haghshenas, R., Jafari, M., & **Gilani, N.** (2015). Effect of 16 weeks endurance training and high fat diet on plasma level of interleukins-6, 10 and nesfatin-1 of rats . *Sport Physiology*, 24. 49-60
10. Kazemnejad, A., Gholami-Fesharaki, M., & **Gilani, N.** (2016). The Study of Knowledge, Attitude and Marriage Expectation in Tehran Police Single Staff. . *Journal of Police Medicine*, 5(3), 197-204.
11. **Gilani, N.**, Kazemnejad, A., Zayeri, F., Hadaeagh, F., Azizi, F., & Khalili, D. (2017). Anthropometric indices as predictors of coronary heart disease risk: Joint modeling of longitudinal measurements and time to event. *Iranian journal of public health*, 46(11), 1546.
12. **Gilani, N.**, Haghshenas, R., & Esmaeili, M. (2018). Application of multivariate longitudinal models in SIRT6, FBS, and BMI analysis of the elderly. *The Aging Male*, 1-6.
13. Hasankhani, H., Soheili, A., Shams, S., Mozaffari, F., **Gilani, N.** The Treatment Delays for Patients with Acute Ischemic Stroke in an Iranian Emergency Department: A Retrospective Chart Review. *Annals of Emergency Medicine*, (Accepted).

Paper Presented in International and National Conferences

1. **Gilani, N.**, Kazemnejad, A., Zayeri, F., Dizaji, M. K., & Dabir, S. (2014). A Double Blind Randomized Trial for Assessing the Effects of Interpleural Morphine on Severity of Post-Thoracotomy Pain. *Asthma: Diagnosis and Treatment - A Clinical Approach to Assessing Patients with Allergies*, 2014.
2. **Gilani, N.** The effect of chronic exercise training in water on LDH, CK, and blood sugar in the women s diabetics, The 3rd Iranian international Conference on Woman's Health. May 21-22, 2014, Health Policy Research Center, Shiraz, Iran