

# Curriculum Vitae

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## Education

Degree	Major	Average	University	Years
<b>PhD</b>	Biostatistics	17.11(out of 20)	Medical University of Hamadan	2010-2015
<b>M.Sc.</b>	Biostatistics	17.84(out of 20)	Medical University of Isfahan	2008-2010
<b>B.Sc.</b>	Statistics	15.22 (out of 20)	Tabriz University	2004-2008

## WORK EXPERIENCE

Teaching assistant at Hamadan University of Medical Science from 2009-2013

Assistant professor of biostatistics at Tabriz University of Medical Sciences since 2015

Member of the advisory board of the DOH journal

## SKILLS

### Statistical Consulting

#### Teaching

- Statistics
- Research methods
- Statistical software

#### Programing languages

- MATLAB
- Python
- C++
- R

#### Statistical Software

- SPSS
- STATA
- MINITAB
- STATISTICA

### Language

- Turkish (Moderate)
- Persian (Native)
- English (Very good)
- Italian (Good)

## Selected Publications

1. Razzaghi, S., Mousavi, S., Jaberinezhad, M., Farshbaf Khalili, A., & Banan Khojasteh, S. M. (2024). Time-Series analysis of short-term exposure to air pollutants and daily hospital admissions for stroke in Tabriz, Iran. *PloS One*, 19(11), e0309414.
2. Pourhosein, R., Musavi, S., & Rasoulzadeh, Y. (2024). A Comparative Risk Assessment of Human Error in Firefighting Using SLIM and Fuzzy SLIM Method. *Journal of Health and Safety at Work*.
3. Taghipour, H., Ghayebzadeh, M., Ganji, F., Mousavi, S., & Azizi, N. (2023). Tracking microplastics contamination in drinking water in Zahedan, Iran: From source to consumption taps. *Science of the Total Environment*, 872, 162121.
4. Saeipourdizaj, P., Musavi, S., Gholampour, A., & Sarbakhsh, P. (2022). Clustering the Concentrations of PM 10 and O 3: Application of Spatiotemporal Model-Based Clustering. *Environmental Modeling & Assessment*, 1–10.
5. Khedrizadeh, G., Koshki, T. J., Dolatkah, R., & Mousavi, S. (2023). Survival Rate Estimation in Patients with Colorectal Cancer by applying Fuzzy Product Limit Estimator. *Journal of Biostatistics and Epidemiology*.

6. Jamali-Dolatabad, M., Sadeghi-Bazargani, H., & Mousavi, S. (2022). Applying count time series to assess 13-year pedestrian mortality trend caused by traffic accidents in East-Azerbaijan province, Iran. *International Journal of Injury Control and Safety Promotion*, 29(2), 239–246.
7. Pashapour, H., Musavi, S., Dadashzadeh, H., & Mohammadpoorasl, A. (2020). Relationship between extraversion and tobacco smoking among high school students. *International Journal of Preventive Medicine*, 11(1), 134.
8. Musavi, S., Pokorny, K. L., Poorolajal, J., & Mahjub, H. (2015). Fuzzy survival analysis of AIDS patients under ten years old in Hamadan-Iran. *Journal of Intelligent & Fuzzy Systems*, 28(3), 1385–1392.

[All publications are listed in Goggle scholar](#)

### **PhD thesis title**

Survival data analysis using soft computing methods: fuzzy regression approach

### **MSc thesis title**

Comparison of logistic regression with multivariate adaptive regression splines in prediction of non-alcoholic fatty liver disease and calculation of disease risk score in 6 to 18 year-old children of Isfahan in 2005-2006

### **Goals and Interests**

Method development in biostatistics and machine learning

Interests:

- Programing
- Survival Analysis
- Machine learning
- Fuzzy systems