

# Curriculum Vitae

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## Personal information:

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## Work Address:

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## Education:

- PhD in Medical Statistics (1996); University of Newcastle upon Tyne, UK
- MSc in Biostatistics (1989); Tarbiat Modarres University, Tehran, Iran
- BSc in Statistics (1986); Shahid Beheshti University, Tehran, Iran

## Scientific positions:

- Professor (2007 till date)
- Associate professor (2002-2007)
- Assistant professor (1996-2002)
- Instructor (1989-1992)
- Statistical consultant at the Research Institute for Endocrine Sciences (RIES), Shahid Beheshti University of Medical Sciences
- Statistical consultation of research projects and theses in the fields of Medicine and health sciences, Shahid Beheshti University of Medical Sciences
- Member of the scientific committees in 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup> and 10<sup>th</sup> to 16<sup>th</sup> Iranian Statistics Conferences (2000-2022).

## Teaching experience:

- Teaching Biostatistics methods for students in the fields of Biostatistics, Epidemiology, Medicine and health sciences.
- Teaching statistics at research methodology workshops for faculty members in the fields of medicine and health.

**(h-index: Scopus 32    Google Scholar 43)**

**Publications:**

1. Amanollahi A, Shadnia S, **Mehrabi Y** and Etemad K, Association between intoxication with psychoactive substances and adverse effects occurrence in consumers. *Front. Public Health*, 2023, 11:1228854. doi:10.3389/fpubh.2023.1228854
2. Zare Borzeshi E, Valizadeh M, Panahi MH, Khalili D, Mousavizadeh , **Mehrabi Y\***, et al, Data-driven phenomapping for novel classification for cardiovascular outcomes compared with traditional obesity index: Tehran Lipid and Glucose Study, *BMJ Open* 2023;13:e071011. doi: 10.1136/bmjopen-2022-071011
3. Zolghadr Z, Batouli SA, Tehrani-Doost M, Shafaghi L, Hadjighassem M, Alavi Majd A, **Mehrabi Y\***, Improvement of Classification Performance in High-Dimension Low-Sample-Size Modeling by Sparse Functional Connectivity States in Subjects with Attention Deficit-Hyperactivity Disorder and Healthy Controls, *Arch Neurosci.*, 2023 April; 10(2):e134329, <https://doi.org/10.5812/ans-134329>.
4. Amanollahi A, Babeveynezhad T, Sedighi M, Shadnia Sh, Akbari S, Taheri M, Besharatpour M, Jorjani, Salehian E, Etemad K, **Mehrabi Y\***, Incidence of rhabdomyolysis, Occurrence in psychoactive substances intoxication: a systematic review and meta-analysis *Scientific Reports* | (2023) 13:17693, doi.org/10.1038/s41598-023-45031-4
5. **Mehrabi Y**, Kavousi A, Soltani-Kermanshah M, Sampling Variance Estimation Method and Precision of Small Area Estimation in the Exponential Spatial Structure, *Journal of Biostatistics and Epidemiology*, 2022;8(3).
6. Ghaedrahmati Z, Ghaffari M, **Mehrabi Y**, Alavi N, Amereha F, Roostaei K, Rafiee M, Urban informal waste recycling in Tehran: Knowledge, attitudes and practices towards health risks during recycling process, *Cleaner Waste Systems* 4 (2023), doi.org/10.1016/j.clwas.2022.100064
7. Bayat S, Hashemi Nazari SS, **Mehrabi Y**, Sistanizad M. Long-term survival rate following myocardial infarction and the effect of discharge medications on the survival rate. *J Res Health Sci.* 2022; 22(4):e00567. doi:10.34172/jrhs.2022.102
8. Saffar A, Malekian V, Jafari Khaledi M, **Mehrabi Y\***, Improving the accuracy of brain activation maps in the group-level analysis of fMRI data utilizing spatiotemporal Gaussian process model, *Biomedical Signal Processing and Control* , 2021, 70, 103058
9. Saffar A, Azizmohammad Looha A, Khodakarim S, Akbari ME, **Mehrabi Y\***, Spatiotemporal analysis of childhood cancers in Iran (2005–2013), *Spatial and Spatio-temporal Epidemiology*, 2022, 42, 100510
10. Shojaei S, Sabbaghi H, **Mehrabi Y**, Daftarian N, Etemad K, Ahmadi H. Vision-related quality of life in patients with inherited retinal dystrophies. *J Curr Ophthalmol* 2022;34:80-6.
1. Yousefian S, Jahangiri K, **Mehrabi Y**, Sohrabizadeh S. Assessment of Intraorganizational Collaboration in the health sector during Disasters: Exploring a Valid and Reliable Assessment Tool for Disaster Risk Management. *Int J Prev Med* 2022;13:10.
2. Asgari S, Khalili D, **Mehrabi Y**, Hadaegh F. Letter to the Editor Regarding "Nationwide Prevalence of Diabetes and Prediabetes and Associated Risk Factors Among Iranian Adults: Analysis of Data from PERSIAN Cohort Study". *Diabetes Ther.* 2022 Jan;13(1):217-219.
3. Safiloo S, **Mehrabi Y**, Asadi S, Khodakarim S. Response to Fluvoxamine in the Obsessive-Compulsive Disorder Patients: Bayesian Ordinal Quantile Regression. *Clin Pract Epidemiol Ment Health.* 2021 Oct 15;17:146-151.
4. Izadi N, Etemad K, **Mehrabi Y**, Eshrati B, Hashemi Nazari SS. The Standardization of Hospital-Acquired Infection Rates Using Prediction Models in Iran: Observational Study of National Nosocomial Infection Registry Data. *JMIR Public Health Surveill.* 2021 Dec 7;7(12):e33296.
5. Ghaffari M, Morowatisharifabad MA, Jadgal MS, **Mehrabi Y**, Alizadeh S. The effectiveness of intervention based on the transactional model on improving coping efforts and stress moderators in hemodialysis patients in Tehran: a randomized controlled trial. *BMC Nephrol.* 2021 Nov 11;22(1):377.
6. Koohi F, Amiri P, **Mehrabi Y**, Karimi M, Khalili D. Development and validation of a knowledge, attitude, and practice questionnaire regarding cardiovascular diseases in an Iranian general population. *BMC Public Health.* 2021 Nov 9;21(1):2050.

7. Davoodi SH, Yousefinejad V, Ghaderi B, Akbari ME, Darvishi S, **Mehrabi Y**, Darvishi N. Oral Propolis, Nutritional Status and Quality of Life with Chemotherapy for Breast Cancer: A Randomized, Double-Blind Clinical Trial. *Nutr Cancer*. 2021 Oct 8:1-9.
8. Akrami F, Mohammadi G, Azizmohammad Looha M, Habibelahi A, **Mehrabi Y**, Delbarpoor Ahmadi S, Heidarzadeh M. Survival of very preterm infants in the Islamic Republic of Iran: A population-based retrospective cohort study. *Med J Islam Repub Iran*. 2021 Mar 29;35:41.
9. Rafieepour A, Azari MR, Khodaghohi F, Jaktaji JP, **Mehrabi Y**, Peirovi H. Interactive toxicity effect of combined exposure to hematite and amorphous silicon dioxide nanoparticles in human A<sub>549</sub> cell line. *Toxicol Ind Health*. 2021 May;37(5):289-302.
10. Saadati HM, Sabour S, Mansournia MA, **Mehrabi Y**, Nazari SSH. The Direct Effect of Body Mass Index on Cardiovascular Outcomes among Participants Without Central Obesity by Targeted Maximum Likelihood Estimation. *Arq Bras Cardiol*. 2021 May;116(5):879-886. English, Portuguese
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