

# CURRICULUM VITAE

May 2024



## TOHID JAFARI-KOSHKI, PH.D.

ASSISTANT PROFESSOR OF BIOSTATISTICS  
DEPARTMENT OF STATISTICS AND EPIDEMIOLOGY, FACULTY OF HEALTH, TABRIZ  
UNIVERSITY OF MEDICAL SCIENCES, TABRIZ, IRAN (2017-PRESENT)

---

**CONTACT INFORMATION** Room C411, Faculty of Health, Tabriz University of Medical Sciences, Attar Neyshaburi St., Tabriz, East Azerbaijan, Iran. Tel: +9841 333 57 581-2, Fax: +9841 333 40 634, Postal code: 5165665931, Zip code: 5166616471.  
Email: [tjkoshki@gmail.com](mailto:tjkoshki@gmail.com)  
[tjkoshki@tbzmed.ac.ir](mailto:tjkoshki@tbzmed.ac.ir)  
[https://isid.research.ac.ir/Tohid\\_Jafarikoshki](https://isid.research.ac.ir/Tohid_Jafarikoshki)  
ORCID ID: [orcid.org/0000-0002-6928-1387](https://orcid.org/0000-0002-6928-1387)  
SCOPUS Author ID: 56085841600  
Web of Science ResearcherID: A-4611-2016  
Webpage: <https://b2n.ir/tjkTbzHlth>  
ResearchGate: <https://b2n.ir/tjkRG>

---

|                  |                   |  |
|------------------|-------------------|--|
| <b>LANGUAGES</b> | Turkish (Azeri)   | Mother tongue  |
|                  | Turkish (Turkiye) | Upper-intermediate   |
|                  | Persian (Farsi)   | Native   |
|                  | English           | Writing (advanced)- Reading (advanced)- listening (upper-intermediate) |
|                  | French            | Beginner   |

---

|                        |                          |  |
|------------------------|--------------------------|--|
| <b>COMPUTER SKILLS</b> | General purpose software | Microsoft office (Word- Powerpoint- Excel)   |
|                        | Programming language     | Python   |
|                        | Statistical software     | R, OpenBUGS, Stan, Stata, SPSS, SAS, GPower, NCSS, PASS, MedCalc, Minitab, GraphPad Prism, AMOS, Com. Meta Anal., RevMan |
|                        | Reference manager        | EndNote, Mendeley  |

---

|                  |             |  |
|------------------|-------------|--|
| <b>EDUCATION</b> | (2012–2017) | PhD. degree, Biostatistics, Isfahan University of Medical Sciences, Isfahan, Iran. Dissertation title: Bayesian Joint Modeling of Longitudinal Continuous Non-normal Outcomes and Survival Data with an Application in Medical Data. |
|                  | (2007-2011) | MSc. degree, Biostatistics, Tarbiat Modares University, Tehran, Iran. Thesis title: Selecting Marker-Genes by Hybridization of Gene Ranking and Clustering.  |
|                  | (2001-2005) | BSc. degree, Statistics, University of Tabriz, Tabriz, Iran.   |

---

**AWARDS & GRANTS** (2007) Ranked 1 in MSc qualification exam by the Iranian Ministry of Science, Research and Technology.

---

**RESEARCH INTERESTS**

- Longitudinal data modeling
- Survival analysis
- Correlated data analysis and joint models
- Disease mapping and spatial data analysis
- Bioinformatics
- Data mining and machine learning methods
- Bayesian statistics
- Structural equation modeling

---

**TEACHING SERVICE** Teaching Biostatistics, Research Methodology, and statistical software at the Isfahan and Tabriz University of Medical Sciences (2012-present) for undergraduate and graduate medical students of various fields including Biostatistics, Epidemiology, Nutrition, Nursing, Health Informatics, Medicine, Health Education, Occupational Health Engineering, Odontology, Health Services Management, Anesthesiology, and Pharmacology.

---

**WORKSHOPS**

- Data Analysis by SPSS software; introductory level. Isfahan University of Medical Sciences
- Introduction to Case-Crossover Design and Analysis. Isfahan University of Medical Sciences
- Introduction to GraphPad Prism software

---

**SERVED AS** **Peer reviewer for:**

- 1- Journal of Research in Medical Sciences (ISSN: 1735-1995)
- 2- Scientific Journal of Kurdistan University of Medical Sciences (ISSN: 1560-652x)
- 3- Current HIV Research (ISSN: 1570-162X)
- 4- Health Promotion Perspectives (eISSN: 2228-6497)
- 5- Medicine (ISSN: 0025-7974)
- 6- Journal of Translational Medicine (ISSN: 1479-5876)
- 7- Annals of Saudi Medicine (ISSN: 0975-4466)
- 8- Stochastic Environmental Research and Risk Assessment (ISSN: 1436-3240)
- 9- International Journal of Preventive Medicine (ISSN: 2008-7802)
- 10- Quarterly Journal of the Sabzevar University of Medical Sciences (ISSN: 1606-7487)

---

**PUBLICATIONS**

---

**BOOKS** (2015) Translation to Persian: Analysis of Receiver Operating Characteristic Curves with SAS. Mithat Gönen. 2007. By: **Tohid Jafari-Koshki**, Arsang-Jang S, Yazdi M.

**ARTICLES IN PEER-REVIEWED** **WEB OF SCIENCE (SCI-EXPANDED / EMERGING)**

- 46- Afghan R, Heysieattalab S, Soltani Zangbar H, Ebrahimi-kalan A, **Tohid Jafari-Koshki**, Samadzadehghadam N. Lavender essential oil inhalation improves attentional shifting and accuracy: Evidence from dynamic changes of cognitive flexibility and power spectral density of EEG signals. *J Med Sign Sens*, 2024. [https://doi.org/10.4103/jmss.jmss\\_42\\_22](https://doi.org/10.4103/jmss.jmss_42_22)

- 45- Taghizadeh M, **Jafari-Koshki Tohid**, Jafarlou V, Raeisi M, Alizadeh L, Roosta Y, Alizaeh L, Matin S, Jabari R, Sur D, Karimi A. The Role of piRNAs in Predicting and Prognosing in Cancer: A Focus on piRNA-823 (A Systematic Review and Meta-Analysis). *BMC Cancer*, 2024(24): 484.  
<https://doi.org/10.1186/s12885-024-12180-2>
- 44- Dehghan G, Malekpour F, **Jafari-Koshki Tohid**, Mohammadian Y, Rostami H. The status of work-related COVID-19 prevention measures and risk factors in hospitals. *Work*, 2024. 77(2): 445-45.  
<https://doi.org/10.3233/WOR-230006>
- 43- Abbasi M, Oshaghi MA, Sedaghat MM, Hazratian T, Rahimi Foroushani A, **Jafari-Koshki Tohid**, et al. Development of a degree-day model to predict growth of *Anopheles stephensi* Liston (Diptera: Culicidae): implication for vector control management. *Environment Entomol*, 2023. 52(6), 1126–1138.  
<https://doi.org/10.1093/ee/nvad092>
- 42- Karimi A, **Jafari-Koshki Tohid**, Zehtabi M, Kargar F, Gheit T. Predictive impact of human papillomavirus circulating tumor DNA in treatment response monitoring of HPV-associated cancers: a meta-analysis on recurrent event endpoints. *Cancer Med*. 2023. 12:17592–602.  
<https://doi.org/10.1002/cam4.6377>
- 41- Gholamzadeh R, Chegini Z, Partovi Y, Behforouz A, **Jafari-Koshki Tohid**. Relationship between self-care and Physician-Patient Relations in Patients with Heart Failure. *Health Scope*. 2023. 12(2):e131198.  
<https://doi.org/10.5812/jhealthscope-131198>
- 40- Partovi Y, Farahbakhsh M, Sadegh-Tabrizi J, Gholipour K, Kousha A, Sharbafi J, **Jafari-Koshki Tohid**, Wilson A. Sustainability of Non-communicable Disease Prevention and Control Programs in Iran: A Mixed-methods Study from Managers' Perspective. *Health Scope*. 2023. 12(2):e133824.  
<https://doi.org/10.5812/jhealthscope-133824>
- 39- Amouei A, Mizani A, Hanafi-Bojd AA, **Jafari-Koshki Tohid**, Sarvi S, Aghayan SA, Amuei F. Global epidemiology and spatial distribution of *Toxoplasma gondii* in goats: Protocol for a systematic review and Bayesian hierarchical meta-analysis. *PLoS ONE*. 2023. 18(12): e0290012.  
<https://doi.org/10.1371/journal.pone.0290012>
- 38- Mansourian M, Bazrafshan R, Malakooti Z, **Jafari-Koshki Tohid**, Vaseghi G. Determinants of quality of life in breast cancer: meta-analytic structural equation modeling of studies. *European Journal of Cancer Care*. 2023. 8302610.  
<https://doi.org/10.1155/2023/8302610>
- 37- Taghizadeh S, Alesaeidi S, Jafari-Koshki Tohid, Valizadeh-Otaghsara SM, Poursheikhali A, Zahiri Tousi A, Abbasalizad Farhangi M. Trend Impact Analysis (TIA) of community based futures study for pediatric obesity in Iran. *BMC Pediatrics*. 2023. 23:66.  
<https://doi.org/10.1186/s12887-023-03880-y>
- 36- Kohansal MH, Barzgar G, Ahmadpour E, Mehrani S, **Jafari-Koshki Tohid**, Barac A, Nissapatorn V, Paul A, Micic J. Seroprevalence and risk factors of *Toxoplasma gondii* infection among pregnant women: *Toxoplasma gondii* infection among pregnant women. *J Infect Dev Ctries* 2024, 18(1):60-65.  
<http://doi.org/10.3855/jidc.17832>
- 35- Imani A, Mesbahi A, **Jafari-Koshki Tohid**, Eghdam Zamiri R, Nasiri Motlagh B. Evaluation of the Radiobiological Models predicting the Radiation-Induced Hypothyroidism in the Partially Irradiated Thyroid Gland of Patients with Breast Cancer. *Int J Cancer manag*. 2022. 15(4):e119445.  
<http://doi.org/10.5812/ijcm-119445>
- 34- Alizade-Harakiyan M, Ghasemi Jangjoo A, **Jafari-Koshki Tohid**, Mesbahi A. Radiobiological modeling of acute esophagitis after radiation therapy of head, neck and thorax tumors: The influence of chemo-radiation. *J Cancer Res Therapeutics* 2022. 18(6):1706-1715.

- 33- Firooznia R, Dargahi H, **Jafari-Koshki Tohid**, Khaledian Z. Developing an evaluation model for maternity care: a mixed-method study from Iran. *Iran J Public Health*. **2022**. 15(1):160-171.
- 32- Chegini Z, Kakemam E, Behforuz A, Lotfollah-zadeh F, **Jafari-Koshki Tohid**, Khodayari Zarnag R. Impact of patient communication preferences on the patient trust in physicians: A cross-sectional study in Iranian outpatient's clinics *J Patient Experience*. **2022**. 9:1-8.  
<http://doi.org/10.1177/23743735211069809>
- 31- Khosravi A, Rajabi HR, Vakhshoori M, Rabiei K, Hosseini S, Mansouri A, Roghani-Dehkordi F, Najafian J, Rahimi M, **Jafari-Koshki Tohid**, Sadeghian B, Shishehforoush M, Lahijan-zadeh A, Taheri M, Sarrafzadegan N. Association between ambient fine particulate matter with blood pressure levels among Iranian individuals admitted for cardiac and respiratory diseases: Data from CAPACITY study. *ARYA Atheroscler* **2020**, 16(4): 178-184.  
<http://dx.doi.org/10.22122/arya.v16i4.2032>
- 30- Abbasi M, **Jafari-Koshki Tohid**, Hanafi-Bojd A. The impact of climatic variables on the population dynamics of the main malaria vector, *Anopheles stephensi* Liston (Diptera: Culicidae) in southern Iran. *Asian Pac J Trop Med*. **2020**. 13(10): 448-455.  
<https://doi.org/10.4103/1995-7645.291038>
- 29- Iraj Z, Asghari Jafarabadi M, **Jafari-Koshki Tohid**, Dolatkah R. A conditional probability model to predict the mortality in patients with breast cancer: a Bayesian network analysis. *Am J Med Sci*. **2020**, 360(5):575-580.  
<https://doi.org/10.1016/j.amjms.2020.06.004>
- 28- Chegini Z, **Jafari-Koshki Tohid**, Kheiri M, Aliari S, Behforuz A. Missed Nursing Care and Related Factors in Iranian Hospitals: A Cross Sectional Survey. *J Nurs Manag*. **2020**, 28(8): 2205-2215.  
<https://doi.org/10.1111/jonm.13055>
- 27- Iraj Z, **Jafari-Koshki Tohid**, Dolatkah R, Asghari Jafarabadi M. Parametric Survival Modeling to Identify Predictors of Breast Cancer Mortality: An Accelerated Failure Time Approach. *J Res Med Sci*. **2020**, 25: 38.  
[https://doi.org/10.4103/jrms.JRMS\\_743\\_19](https://doi.org/10.4103/jrms.JRMS_743_19)
- 26- Safarpour H, Cevik M, Zarean M, Barac A, Hatam-Nahavandi K, Rahimi MT, Bannazadeh H, **Jafari-Koshki Tohid**, et al. Global status of *Toxoplasma gondii* infection and associated risk factors in people living with HIV: A systematic review and meta-analysis. *AIDS*, **2020**, 34(3): 469-474.  
<https://doi.org/10.1097/QAD.0000000000002424>
- 25- Mansourian M, Yazdani A, Faghihimani E, Aminorraya A, Amini M, **Jafari-Koshki Tohid** (Corr. Author). Factors associated with progression to pre-diabetes: a recurrent events analysis. *Eat Weight Disord*. **2020**. **25(1): 135-141**.  
<https://doi.org/10.1007/s40519-018-0529-7>
- 24- Moein N, Garakyaraghi M, Shafie D, Rabiei K, Hosseini SM, **Jafari-Koshki Tohid**, Rahimi M, Sadeghian B, Givi M, Sarrafzadegan N. The association between particulate matter 2.5 and hospitalization and mortality rates of heart failure: The CAPACITY study. *Arya Atheroscler*. **2019**, 15(6): 253-259.  
<https://doi.org/10.22122/arya.v15i6.1825>
- 23- Mansourian M, Babahajiani M, **Jafari-Koshki Tohid** (Corr. Author), Roohafza H, Sadeghi M, Sarrafzadegan N. Metabolic syndrome components and long-term incidence of cardiovascular disease in Eastern Mediterranean Region: A 13-year population-based cohort study. *Metab Syndr Rel Disorder*. **2019**, 17(7): 632-366.  
<https://doi.org/10.1089/met.2018.0136>

- 22- Ekhlaspour p, Aref Hosseini SR, **Jafari-Koshki Tohid**, Forumandi E. Household food security status and its associated factors in Baft-Kerman, IRAN: a cross-sectional study. *Ecol Food Nutr.* **2019**, 58(6): 608-609.  
<https://doi.org/10.1080/03670244.2019.1652818>
- 21- Afshari-Safavi A, Hosseini SM, Sadeghi M, **Jafari-Koshki Tohid**, Talaei M, Roothafza H, Sarrafzadegan N. Longitudinal Assessment of Utility and Cut Points of Lipid Ratios in Metabolic Syndrome Prediction: the Isfahan Cohort Study. *J Biochem Technol.* **2019**, 2: 56-62.
- 20- Davoodabadi Z, Soleimani A, Pourmoghaddas A, Hosseini SM, **Jafari-Koshki Tohid**, Mojtaba Rahimi, et al. Correlation between air pollution and hospitalization due to myocardial infarction. *ARYA Atheroscler.* **2019**, 15(4): 161-167.  
<http://dx.doi.org/10.22122/arya.v15i4.1834>
- 19- Saifipour A, Azhari A, Pourmoghaddas A, Hosseini SM, **Jafari-Koshki Tohid**, Rahimi M, Nasri A, et al. Association between ambient air pollution and hospitalization caused by atrial fibrillation. *ARYA Atheroscler.* **2019**, 15(3): 106-112.  
<http://dx.doi.org/10.22122/arya.v15i3.1843>
- 18- Mansourian M, Sadeghpour S, Aminorroaya A, Amini M, **Jafari-Koshki Tohid** (Corr. Author). Cause-Specific Risk Factors of Death in Individuals with Diabetes: a Competing Risks Modeling. *Int J Endocrinol Metabol.* **2019**, 17(3): e69419.  
<https://doi.org/10.5812/ijem.69419>
- 17- Rastaghi S, **Jafari-Koshki Tohid**, Mahaki B, Bashiri Y, Mehrabani K, Soleimani A. Trends and risk factors of gastric cancer in Iran (2005-2010). *Int J Prev Med.* **2019**, 10: 79.  
[http://doi.org/10.4103/ijpvm.IJPVM\\_188\\_17](http://doi.org/10.4103/ijpvm.IJPVM_188_17)
- 16- Abdolmohammadi K, Mahmoudi T, **Jafari-Koshki Tohid**, Mohammad Hasan Z, Pourfathollah AA. Immunomodulatory Effects of Blood Transfusion on Tumor Size, Metastasis, and Survival in Experimental Fibrosarcoma. *Indian J Hematol Blood Trans.* **2018**, 34(4): 697-702.  
<http://doi.org/10.1007/s12288-018-0962-9>
- 15- Eshagh-Hosseini S, **Jafari-Koshki Tohid**, Arsang-Jang S, Shapouri J. Endocrinopathy complications and the role of serum ferritin as a marker of endocrinopathy prediction in patients with beta-thalassemia major. *Adv Human Biol.* **2018**, 8: 169-174.  
[http://doi.org/10.4103/aihb.aihb\\_18\\_18](http://doi.org/10.4103/aihb.aihb_18_18)
- 14- Rohani H, Sadeghi E, Eslami A, Raei M, **Jafari-Koshki Tohid**. Predictors of Physical Activity among Adults with Type 2 Diabetes Mellitus, Isfahan, 2015: Structural Equation Modeling Approach. *Int J Prev Med.* **2018**, 9: 66.  
[http://doi.org/10.4103/ijpvm.IJPVM\\_394\\_16](http://doi.org/10.4103/ijpvm.IJPVM_394_16)
- 13- **Jafari-Koshki Tohid**, Arsang-Jang S, Aminorroaya A, Mansourian M, Amini M. Risk modeling in prospective diabetes studies: association and predictive value of anthropometrics. *Diabetes Metab Syndr Clin Res Rev* **2018**, 12(4): 563-567.  
<http://doi.org/10.1016/j.dsx.2018.03.027>
- 12- Kelishadi R, Heidari Z, Kazemi I, **Jafari-Koshki Tohid**, Mansourian M, Motlagh ME, Heshmat R. A hierarchical Bayesian tri-variate analysis on factors associated with anthropometric measures in a large sample of children and adolescents: the CASPIAN-IV Study. *J Pediatr Endocrinol Metab.* **2018**, 31(4):443-449.  
<http://doi.org/10.1515/jpem-2017-2013>
- 11- Mokhtari F, Bostakian A, Shahmoradi Z, **Jafari-Koshki Tohid**, Iraj F, Faghihi G, Hosseini SM, Bafandeh B. Potential emerging treatment in vitiligo using Er:YAG in combination with 5FU and clobetasol. *J Cosmet Dermatol.* **2018**, 17(2):165-170.  
<http://doi.org/10.1111/jocd.12373>

- 10- Rabiei K, Hosseini SM, Sadeghi E, **Jafari-Koshki Tohid**, Rahimi M, et al. Air pollution and cardiovascular and respiratory disease: Rational and methodology of CAPACITY study. *ARYA Atheroscler*. **2017**, 13(6): 264-273.
- 9- Mokhtari F, Gholami M, Siadat AH, **Jafari-Koshki Tohid**, Faghihi G, Nilforoushzadeh MA, Hosseini SM, Abtahi-Naeini B. Efficacy of intense pulsed light therapy with topical benzoyl peroxide 5% versus benzoyl peroxide 5% in mild-to-moderate acne vulgaris: a randomized controlled trial. *J Res Pharm Pract*. **2017**, 6: 199-205.  
[http://doi.org/10.4103/jrpp.JRPP\\_17\\_29](http://doi.org/10.4103/jrpp.JRPP_17_29)
- 8- Arsang-Jang S, Mansourian M, Amani F, **Jafari-Koshki Tohid**. Epidemiologic Trend of Smear-Positive, Smear-Negative, Extra Pulmonary and Relapse of Tuberculosis in Iran (2001-2015); A Repeated Cross-Sectional Study. *J Res Health Sci*. **2017**, 17(2): e00380.
- 7- **Jafari-Koshki Tohid**, Arsang-Jang S, Mahaki B. Bladder cancer in Iran, 2004-2008: geographical distribution and risk factors. *Iran J Cancer Prev*. **2017**, 10 (2): e5610.  
<http://doi.org/10.5812/ijcp.5610>
- 6- **Jafari-Koshki Tohid**, Mansourian M, Hosseini SM, Amini M. Association of waist and hip circumference, and waist-hip ratio with diabetes risk in first-degree relatives. *J Diabetes Complicat*. **2016**, 30: 1050-1055.  
<http://doi.org/10.1016/j.jdiacomp.2016.05.003>
- 5- Eshagh-Hoseini SK, Arsang-Jang S, **Jafari-Koshki Tohid**. Comparing the Outcomes of IVIg with Combination of IVIg and Methylprednisolone in Children with Acute Idiopathic Thrombocytopenia: a Bayesian Logistic Approach. *Int J Pediat*. **2016**, 4(7): 2221-2228.  
<http://doi.org/10.22038/ijp.2016.7096>
- 4- **Jafari-Koshki Tohid**, Hosseini SM, Arsang-Jang S, Amini M, Faghihimani E. Trends of Diabetic Nephropathy prevalence in Isfahan, Iran, during 1992-2010. *J Res Med Sci*. **2015**, 20: 944-949.
- 3- **Jafari-Koshki Tohid**, Arsang-Jang S; Raei M. Applying spatiotemporal models to study risk of smear-positive tuberculosis in Iran, 2001-2012. *Int J Tuberc Lung Dis*. **2014**, 19(4):469–474.  
<http://doi.org/10.5588/ijtld.14.0459>
- 2- **Jafari-Koshki Tohid**, Mansourian M, Mokarian F. Exploring Factors Related to Metastasis Free Survival in Breast Cancer Patients Using Bayesian Cure Models. *Asian Pac J Cancer Prev*. **2014**, 15 (22): 9673-9678.  
<http://doi.org/10.7314/APJCP.2014.15.22.9673>
- 1- **Jafari-Koshki Tohid**, Schmid VJ, Mahaki B. Trends of Breast Cancer Incidence in Iran During 2004-2008: A Bayesian Space-Time Model. *Asian Pac J Cancer Prev*, **2014**, 15 (4): 1557-1561.  
<http://doi.org/10.7314/APJCP.2014.15.4.1557>

#### PUBMED-MEDLINE / SCOPUS

- 
- 17- Khedrizedeh G, **Jafari Koshki Tohid**, Dolatkah R, Mousavi S. Survival Rate Estimation in Patients with Colorectal Cancer by applying Fuzzy Product Limit Estimator. *J Biostat Epidemiol*. **2023**;9(1):11-19.
  - 16- Sadeghi-Bazargani H, Malekpoura F, Mohammadian Y, **Jafari-Koshki Tohid**, Rezapur-Shahkolai F, Khansari M, Malekpourgy A, Maleki Marzroud M. Seat belt use among rural non-drivers: the role of demographic and traffic-related variables. *J Inj Violence Res*, **2024**, In Press.
  - 15- Gholamzadeh R, Nikbakht H, Partovi Y, **Jafari-Koshki Tohid**. Effects of social and economic factors on the attitudes of diabetic patients towards self-care behaviors in Iran. *Ther Patient Educ*, **2021**, 13(2):20206.  
<https://doi.org/10.1051/tpe/2021015>

- 14- Karimi M, **Jafari-Koshki Tohid**, Dabaghi J. Analysis of the effect of anomic situation of Iranian society on peace indexes of the state (At the horizon of 2021). *Geopolitics Quart.* **2021**, 18(2):225-255.  
<https://doi.org/10.17354/331.1401.18.66.8.6>
- 13- Khedrizedeh G, **Jafari-Koshki Tohid**, Musavi S. Trends of street fights/quarrels in Iran 2013-2018: A Bayesian spatiotemporal perspective. *Shiraz E-Medical J*, **2022**, 23(4):e117405.  
<http://doi.org/10.5812/semj.117405>
- 12- Alizade-harakiyan M, Ghasemi Jangjoo A, Nasiri B, **Jafari-Koshki Tohid**, Okutan M, Mesbahi A. Radiobiological Modeling of Acute Esophagitis Following Radiotherapy of Thorax and Head-Neck Tumors: A Comparison of Lyman Kutcher Burman with Equivalent Uniform Dose-Based Models. *Iran J Med Physics.* **2020**, 17(4): 225-234.  
<http://doi.org/10.22038/IJMP.2019.40500.1566>
- 11- Shirvani E, Sadeghi M, Hosseini SM, Khosravi A, Rabiei K, Rahimi M, **Jafari-Koshki Tohid**. Fine Particle Air Pollution (PM 2.5) and Cardiovascular Hospitalization in Isfahan in 2012: CAPACITY Study. *Iran Heart J*, **2020**; 21(1): 75-81.
- 10- Moghadasi J, Shafie D, Hosseini SM, **Jafari-Koshki Tohid**, et al. The Relationship between Air Pollution and Hospitalization due to Heart Failure. *J Isfahan Med School*, **2019**, 37 (546): 1143-1148.  
<https://doi.org/10.22122/jims.v37i546.11095>
- 9- Ansari H, Farajzadegan Z, Al-Dirani S, Heidari K, Omidi R, Amini Z, **Jafari-Koshki Tohid**. Attitude of Isfahan high school students towards addictive substance use and its association with social determinants of health. *J Isfahan Med School*, **2018**, 36(479): 494-501.  
<http://doi.org/10.22122/jims.v36i479.9895>
- 8- Asmarian N, **Jafari-Koshki Tohid**, Soleimani A, Ayatollahi SMT. Area-to-Area Poisson Kriging and Spatial Bayesian Analysis in Mapping of Gastric Cancer Incidence in Iran. *Asian Pac J Cancer Prev*, **2016**, 17 (10), 4587-4590.  
<http://doi.org/10.7314/APJCP.2016.17.10.4587>
- 7- Rohani H, Eslami AA, Ghaderi A, **Jafari-Koshki Tohid**, Sadeghi E, Bidkhorji M, Raei M. Validation and psychometric evaluation of physical activity belief scale among patients with type 2 diabetes mellitus: an application of health action process approach. *Health Promot Perspect*, **2016**, 6(2): 71-79.  
<http://doi.org/10.15171/hpp.2016.13>
- 6- Abbasian M, Chaman R, Amiri M, Ajami ME, **Jafari-Koshki Tohid**, Rohani H, Taghavi-Shahri SM, Sadeghi E, Raei M. Vitamin D Deficiency in Pregnant Women and their Neonates. *Glob J Health Sci*, **2015**, 8(9): 83-90.  
<http://doi.org/10.5539/gjhs.v8n9p83>
- 5- Irajli F, Farhadi S, Faghihi G, Mokhtari F, Basiri A, **Jafari-Koshki Tohid**, Nilforoushzadeh MA. Efficacy of topical azathioprine and betamethasone versus betamethasone-only emollient cream in 2-18 years old patients with moderate-to-severe atopic dermatitis: A randomized controlled trial. *Adv Biomed Res*, **2015**, (4): 228.  
<http://doi.org/10.4103/2277-9175.166651>
- 4- Rastaghi S, **Jafari-Koshki Tohid**, Mahaki B. Application of Bayesian Multilevel Space-Time Models to Study Relative Risk of Esophageal Cancer in Iran 2005-2007 at a County Level. *Asian Pac J Cancer Prev*, **2015**, 16 (14): 5787-5792.  
<http://doi.org/10.7314/APJCP.2015.16.14.5787>
- 3- Haddad-Khoshkar A, **Jafari-Koshki Tohid**, Mahaki B. Investigating the incidence of prostate cancer in Iran 2005 -2008 using Bayesian spatial ecological regression models. *Asian Pac J Cancer Prev*, **2015**, 16 (14): 5917-5921.  
<http://doi.org/10.7314/APJCP.2015.16.14.5917>

- 2- Haddad-Khoshkar A, **Jafari-Koshki Tohid**, Mahaki B. Comparison of Bayesian Spatial Ecological Regression Models for Investigating the Incidence of Breast Cancer in Iran, 2005-2008. *Asian Pac J Cancer Prev*, **2015**, 16 (14): 5669-5673.  
<http://doi.org/10.7314/APJCP.2015.16.14.5669>
- 1- **Jafari-Koshki Tohid**, Hajizadeh E, Karimi M. A Comparison of Selective Classification Methods in DNA Microarray Data of Cancer: Some Recommendations for Application in Health Promotion. *Health Promot Perspect*, **2013**, 3(1): 129-134.  
<http://doi.org/10.5681/hpp.2013.015>

#### OTHER INDEXING SOURCES

---

- 15- Karimi M, **Jafari-Koshki Tohid**. Anomie and Peace: A Cross-National Study. *World Sociopolitical Stud*. 2020,4(4):707-731.  
<https://doi.org/10.22059/WSPS.2021.326411.1229>
- 14- Ranjbar M, Janati A, Bahrami MA, **Jafari-Koshki Tohid**, Chegini Z, Asbaghi F. Psychometric Properties of Persian Version of 'Patient Willingness to Ask Safety Questions Survey' in Iranian Hospitals. *Depict Health*. **2020**, 11(2): 137-148.
- 13- **Jafari-Koshki Tohid** (Corr. Author), Arsang-Jang S, Hosseini SM. Bayesian Joint Modeling of Positively-Skewed Longitudinal-Survival Data Using Birnbaum-Saunders Distribution. *J Biostat Epidemiol*. **2020**, 6(1): 30-39.
- 12- Arsang-Jang S, **Jafari-Koshki Tohid**, Afshari A, Arsang-Jang M. Prevalence of disability and related factors in elderly of Qom City. *J Geriatr Nurs*. **2018**; 4 (3).
- 11- Firooznia R, Dargahi H, **Jafari-Koshki Tohid**, Khaledian Z. Challenges of Iranian Maternal Health Program from the Midwives Perspective: A Qualitative Study. *Jundishapur J Health Sci*, **2019**, 11(3): e92354.  
<https://doi.org/10.5812/jjhs.92354>
- 10- Firooznia R, Dargahi H, **Jafari-Koshki Tohid**, Khaledian Z. Developing Improvement Solutions for Evaluation System of the Iranian Maternal Health Program: A Qualitative Study. *Depiction of Health*, **2018**, 9(3): 159-171.
- 9- Firooznia R, Dargahi H, **Jafari-Koshki Tohid**, Khaledian Z. Strategic Analysis of Maternal Health Program Evaluation System for Providing Improvement Strategies using Internal-External Environment Assessment Technique in Iran. *Manage Strat Health Syst*, **2018**, 3(3): 168-183.
- 8- Firooznia R, Dargahi H, Khaledian Z, **Jafari-Koshki Tohid**. Strengths and weaknesses of maternal health program evaluation tools in Iranian primary health care system. *Payesh*, **2018**, 17(5): 521-530.
- 7- Irvani SH, Naimi A, **Jafari-Koshki Tohid**, Azimzadeh P, Nejati-Koshki K, Solali S. Association of Helicobacter pylori infection with the ABO and Rh blood groups in military students and soldiers. *Iran South Med J*. **2017**, 20 (3): 308-316.
- 6- Arsang-Jang S, Amani F, **Jafari-Koshki Tohid**, Mozafariyanpour E, Kaffash KJ, et al. The Level of Availability and Use of Oral and Dental Health Services in 6-7 Years Old Children, Qom, Iran. *Qom Univer Med Sci J*, **2015**, 9 (4): 55-63.
- 5- Rohani H, Eslami AA, **Jafari-Koshki Tohid**, Raei M, Abrishamkarzadeh M. The factors affecting the burden of care of informal caregivers of the elderly in Tehran. *J Kermanshah Univ Med Sci*, **2015**, 18 (12): 726-733.
- 4- Rastaghi S, **Jafari-Koshki Tohid**, Mahaki B, Bashiri Y. The Study of Relative Incidence Risk of Esophageal Cancer in Iranian Counties by the Use of the Bayesian Space-Time Multilevel Model. *J Health Syst Res*, **2015**, 11(4): 769-774.
- 3- Haddad Khoshkar A, **Jafari-Koshki Tohid**, Mahaki B. A Comparative Study on Ecological Regression Models in Breast Cancer Risk in Iran, 2005- 2008. *J Health Syst Res*, **2015**, 11 (3): 641-654.

- 2- Rohani H, Eslami AA, Raei M, **Jafari-Koshki Tohid**, Ghaderi A. Evaluation of Health Action Process Approach in Explaining Healthy Diet among the Patients with Type 2 Diabetes. *Qom Univer Med Sci J*. **2015**, 9 (7), 55-64.
- 1- Hosseini SM, **Jafari-Koshki Tohid** (Corr. Author), Amini M, Faghihimani E. The assessment of downward Trend in Diabetic Nephropathy prevalence among Diabetic mellitus patients using Piecewise regression during 1992-2010 in Isfahan, Iran. *Quarterly J Sabzevar Univer Med Sci*. **2015**, 22 (3), 368-376.

#### ABSTRACTS (ORAL PRESENTATIONS / POSTERS)

---

- 13- Yaghubi S, Somi MH, Ostadrahimi A, Faramarzi E, **Jafari-Koshki Tohid**. Applying Cox proportional hazards method in the analysis of Azar cohort data. The 2<sup>nd</sup> international and 4<sup>th</sup> national conference on biomathematics. **2023**.
- 12- Alizade-Harakiyan M, Ghasemi Jangjoo A, **Jafari-Koshki Tohid**, Mesbahi A. Univariate binary logistic regression method for prediction of acute esophagitis following Radiation therapy. The 4<sup>th</sup> International Clinical Oncology Congress. **2019**.
- 11- Alizade-Harakiyan M, Ghasemi Jangjoo A, **Jafari-Koshki Tohid**, Mesbahi A. Evaluation of normal tissue complication probability of esophagus following radiation therapy of tumors basis Ikb model. The 4<sup>th</sup> International Clinical Oncology Congress. **2019**.
- 10- Alizade-Harakiyan M, Ghasemi Jangjoo A, **Jafari-Koshki Tohid**, Mesbahi A. Predict of acute esophagitis using survival analysis method following radiation therapy of head/neck and thorax tumors. The 4<sup>th</sup> International Clinical Oncology Congress. **2019**.
- 9- Alizade-Harakiyan M, Ghasemi Jangjoo A, **Jafari-Koshki Tohid**, Mesbahi A. Parameter estimation of normal tissue complication probability models for acute Esophagitis following radiation therapy. The 4<sup>th</sup> International Clinical Oncology Congress. **2019**.
- 8- Iraj Z, **Jafari-Koshki Tohid**, Dolatkah R, Asghari Jafarabadi M. Assessing prognosis factors in classifying rate of breast cancer patients using decision tree. 7<sup>th</sup> regional student congress of Ilam University of Medical Sciences. **2018**.
- 7- Iraj Z, **Jafari-Koshki Tohid**, Dolatkah R, Asghari Jafarabadi M. Assessing factors affecting survival of breast cancer patients using generalized additive models. 7<sup>th</sup> regional student congress of Ilam University of Medical Sciences. **2018**.
- 6- Rastaghi S, **Jafari-Koshki Tohid**, Mahaki B, Bashiri Y, Mehrabani K, Soleimani A. Gastric cancer in Iran 2005-2010: trends and risk factors. *Arch Iran Med*. **2017**, 20(1): S90. (Abstract presented at International Congress on Cancer Prevention & Early Detection Integration of Research & Action, Tehran, 2017).
- 5- **Jafari-Koshki Tohid**. Cancer type; could it be identified correctly to an acceptable degree? International Breast Cancer Congress, Vol. 8. **2013**
- 4- **Jafari-Koshki Tohid**, Hajizadeh E, Mota A, Shahdoost M. Combining Classification and Clustering Methods to Select the Most Appropriate Features: An Application to DNA Microarray Experiments. 11<sup>th</sup> Annual Research Congress of Iranian Medical students. **2010**.
- 3- **Jafari-Koshki Tohid**, Hajizadeh E, Shahdoost M, Eslami M. Analysis of Prostate Cancer by Using Microarray Experiments. The 3<sup>rd</sup> International and the 8<sup>th</sup> National Congress on Quality Improving in Clinical Laboratories. **2011**.

- 2- **Jafari-Koshki Tohid**, Hajizadeh E, Rahbarizadeh F, Ghasemi H. Classification and Feature Selection Methods in Microarray Analysis. 10<sup>th</sup> Iranian Statistical Conference. **2010**.
- 1- Ghasemi H, Rezakhah S, **Jafari-Koshki Tohid**. Estimation of Periodic Parameters by Fourier Series. 10<sup>th</sup> Iranian Statistical Conference. **2010**.