

CURRICULUM VITAE

2024-06-29

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Education

Ph.D in Statistics	2008	Shiraz University
MSc in Statistics	2001	Shiraz University
BSc in Statistics	1999	Shahid Chamran University

Teaching

- Statistical Inference
 - Statistical Simulation
 - Bayesian Computations
 - Statistical Softwares
 - Statistical Methods, Biostatistics
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Skills

Software R | BUGS | SPSS | \TeX

Language Persian (*native*) | English

Presentation

1. Rasekhi, A. (2022), Cure models in survival analysis using power series distributions, *The 8th Seminar on Reliability Theory and its Applications*, Ferdowsi University, Mashhad, Iran.
 2. Rasekhi, A. (2019), Asymptotic distribution of test statistic for Testing Laplace against Cauchy, *The 12th Seminar on Probability and Stochastic Processes*, Semnan, Iran.
 3. Rasekhi, A. (2015), Testing linear against Constant Hazard Function, *The 10th Seminar on Probability and Stochastic Processes*, Yazd, Iran.
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Publications

- [1] Tayebe Shahbazi, Bita Bakhshi, Aliakbar Rasekhi, Mohammad Sadegh Fazeli, and Fatemeh Fallah. Significant presence of *clostridioides difficile* in colorectal cancer patients by taqman real-time pcr. *Iranian Journal of Medical Microbiology*, 18(2):5–5, 2024.
- [2] Azar Jafari-Koulaee, Eesa Mohammadi, Mary T Fox, Aliakbar Rasekhi, and Ozra Akha. Predictors of basic and instrumental activities of daily living among older adults with multiple chronic conditions. *BMC geriatrics*, 24(1):383, 2024.
- [3] Parviz Shahmirzalou, Aliakbar Rasekhi, Majid Jafari Khaledi, and Maryam Khayamzadeh. Comparison performance of the bayesian approach with the weibull and birnbaum-saunders distributions in imputation of time-to-event censors. *Plos one*, 19(1):e0295977, 2024.
- [4] Maedeh Rezaie, Fereshteh Sadat Hosseinian Ghamsari, Aliakbar Rasekhi, and Abbas Hajifathali. Factors affecting survival in bone marrow transplantation using mixture cure model. *Health Science Monitor*, 3(1):19–28, 2024.
- [5] Z Dehghani, A Rasekhi, V Marsoosi, and S Mohammadi. Comparison of twin-to-twin transfusion syndrome and without selective fetal growth restriction before fetoscopic laser photocoagulation in iran. *Health Education and Health Promotion*, 11(4):675–679, 2023.
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- [7] Parviz Shahmirzalou, Majid Jafari Khaledi, Maryam Khayamzadeh, and Aliakbar Rasekhi. Survival analysis of recurrent breast cancer patients using mix bayesian network. *Heliyon*, 9(10), 2023.
- [8] Maryam Mousavi, Ebrahim Hajizadeh, Aliakbar Rasekhi, and Shahpar Haghghat. Evaluation factors affecting on recurrence, metastasis, and survival of breast cancer in iranian women by multi-state model approach. *Iranian Journal of Public Health*, 52(10):2186–2195, 2023.
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- [10] Fazlollah Ahmadi, Aliakbar Rasekhi, and Mohaddeseh Mokhtarian Deluei. The relationship between the management of basic medication uses and stress, anxiety, and depression in patients with coronary artery disorders. *Iranian Journal of Nursing Research*, 18(1):59–66, 2023.
- [11] Afsaneh Fendereski, Ebrahim Hajizadeh, Shahpar Haghghat, and Aliakbar Rasekhi. Long-term outcomes of non-metastatic breast cancer patients by molecular subtypes. *BMC Women's Health*, 22(1):1–12, 2022.
- [12] Maryam Rahmati, Parisa Rezanejad Asl, Javad Mikaeli, Hojjat Zeraati, and Aliakbar Rasekhi. Compound poisson frailty model with a gamma process prior for the baseline hazard: accounting for a cured fraction. *Journal of Applied Statistics*, 49(13):3377–3391, 2022.
- [13] Nasrin Sadeghi, Fazlollah Ahmadi, and Aliakbar Rasekhi. The effect of continuous care model on blood pressure and quality of life in patients with hypertension: A randomized clinical trial. *Journal of Caring Sciences*, 11(4):210, 2022.
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- [18] Fahimeh Ghasemi, Asiyeh Olfatbakhsh, Aliakbar Rasekhi, and Sh Haghghat. Determining the factors correlated with breast cancer recurrence using the poisson beta-weibull non-mixture cure model. *Iranian Quarterly Journal of Breast Disease*, 2020.

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