

Curriculum Vitae

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Aliakbar Rasekhi

Department of Biostatistics, Faculty of Medical Sciences, Tarbiat
Modares University, Tehran, Iran,
rasekhi@modares.ac.ir, gmalir@gmail.com



Education

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

Teaching

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

Presentation

1. Rasekhi, A. (2019), Asymptotic Distribution of test statistic for Testing Laplace against Cauchy, *The 12th Seminar on Probability and Stochastic Processes*, Semnan, Iran.
2. Rasekhi, A. (2015), Testing Linear against Constant Hazard Function, *The 10th Seminar on Probability and Stochastic Processes*, Yazd, Iran.

Publications

- [1] Soudabeh Hamedi-Shahraki, Aliakbar Rasekhi, Mir Saeed Yekaninejad, Mohammad Reza Eshraghian, and Amir H Pakpour. Kumaraswamy regression modeling

- for bounded outcome scores. *Pakistan Journal of Statistics and Operation Research*, pages 79–88, 2021.
- [2] Maedeh Amini, Anoshirvan Kazemnejad, Farid Zayeri, Ali Montazeri, Aliakbar Rasekhi, Azam Amirian, and Nourossadat Kariman. Diagnostic accuracy of maternal serum multiple marker screening for early detection of gestational diabetes mellitus in the absence of a gold standard test. *BMC Pregnancy and Childbirth*, 20(1):1–9, 2020.
- [3] A Rasekhi and SM Sadooghi-Alvandi. A note on the most powerful invariant test of rayleigh against exponential distribution. *Communications in Statistics-Theory and Methods*, 49(19):4762–4770, 2020.
- [4] 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.
- [5] Fatemeh Ghaffarifar, Amir KarimiPourSaryazdi, Ali Dalir Ghaffari, Pooya Tavakoli, Mohammad Barati, Aliakbar Rasekhi, Yeganeh KarimiPourSaryazdi, and Bahareh Siahkohy. Anti-toxoplasma effects of artemisia aucheri extract in vitro. *Paramedical Sciences and Military Health*, 15(1):26–34, 2020.
- [6] Behrouz Beiranvand, Ebrahim Hajizadeh, Aliakbar Rasekhi, Abdollah Amirfarhangi, and Javad Nasseryan. Recurrent event analysis of coronary artery stenosis in patients undergoing angioplasty. *Iranian Red Crescent Medical Journal*, 22(5), 2020.
- [7] Freshteh Osmani, Aliakbar Rasekhi, Ebrahim Hajizadeh, and Mohammad Esmaeil Akbari. Simultaneous modeling of multiple recurrences in breast cancer patients. *Koomesh*, 22(2):359–364, 2020.
- [8] Maedeh Amini, Anoshirvan Kazemnejad, Aliakbar Rasekhi, Farid Zayeri, Abbas Hajifathali, and Farzaneh Tavakoli. Application of latent class analysis in diagnosis of graft-versus-host disease by serum markers after allogeneic haematopoietic stem cell transplantation. *Scientific reports*, 10(1):1–10, 2020.
- [9] Freshteh Osmani, Ebrahim Hajizadeh, Ali Akbar Rasekhi, and Mohammad Esmaeel Akbari. Determination of effective factors on recurrences in patients with breast cancer by joint modeling of recurrences and death. *PAJOUHESH DAR PEZESHKI*, 2020.

- [10] Freshteh Osmani, Ebrahim Hajizadeh, Aliakbar Rasekhi, and Mohammad Esmaeil Akbari. Prognostic factors associated with locoronal relapses, metastatic relapses, and death among women with breast cancer. population-based cohort study. *The Breast*, 48:82–88, 2019.
- [11] Fatemeh Hosseini, Aliakbar Rasekhi, and Minoor Lamyian. Investigating the relationship between breastfeeding duration and health literacy in primiparous women referring to tehran health centers: An application of bayesian poisson regression model. *Journal of Biostatistics and Epidemiology*, 5(1):12–17, 2019.
- [12] Soudabeh Hamed-Shahraki, Mohammad Reza Eshraghian, Mir Saeed Yekaninejad, Farshad Amirkhizi, Aliakbar Rasekhi, and Amir Pakpour. Kumaraswamy distribution in analyzing the health-related quality of life and effective factors in elderly patients with epilepsy. *Archives of Neuroscience*, 6(4), 2019.
- [13] Mahsa Kamali, Fazlollah Ahmadi, and Aliakbar Rasekhi. The effect of continuous care model on the sleep quality of the elderly. *Evidence Based Care*, 9(3):15–23, 2019.
- [14] F Osmani, E Hajizadeh, AA Rasekhi, and ME Akbari. Multivariate frailty modeling in joint analyzing of recurrent events with terminal event and its application in medical data. *Iranian Journal of Epidemiology*, 15(2):162–171, 2019.
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- [16] Fatemeh Hosseini, Aliakbar Rasekhi, and Minoor Lamyian. Factors associated with exclusive breastfeeding among primiparous women. *Journal of Nursing Education (JNE)*, 8(2):51–57, 2019.
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- [19] F Mohammadzadeh, E Hajizadeh, A Rasekhi, and S Azimzadeh Jamalkandi. Identification of a novel genetic signature in staging of colorectal cancer: A bayesian approach. *Iranian Red Crescent Medical Journal*, 2019.

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- [22] Rezvaneh Alvandi, Aliakbar Rasekhi, and Mehdi Ariana. Identifying survival predictive factors in patients with breast cancer: A 16-year cohort study using cox maximum penalized likelihood method. *Iranian Red Crescent Medical Journal*, 2019.
- [23] A Rasekhi. Adding new mathematical functions and statistical distributions in winbugs. *Andishe_ye Amari*, 23(2), 2019. [Persian].
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