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تحصلات

دکتری آمار - گرایش استنباط	١٣٨٧	دانشگاه شیراز
کارشناسی ارشد - گرایش آمار ریاضی	۱۳۸۰	دانشگاه شیراز
کارشناسی آمار	۱۳۷۸	دانشگاه شهید چمران اهواز (رتبه اول)

تدريس

- استنباط آماری
- شبیهسازی آماری
- محاسبات بیزی
- نرمافزارهای آماری
- روشهای آماری، آمار حیاتی

سخنراني

- حبیبی، م.، راسخی، ع. (۱۳۹۹)، مدل خطی عمومی ناهمواریانس و کاربرد آن در دادههای تصویربرداری عصبی، اولین کنفرانس ملی محاسبات نرم و علوم شناختی، گنبدکاووس.
- حسینیان قمصری، ف.، راسخی، ع. (۱۳۹۹)، کاربرد مدلهای سلسله مراتبی بیزی مکانی بر دادههای fMRI، اولین
 کنفرانس ملی محاسبات نرم و علوم شناختی، گنبدکاووس.
- ۳. راسخی، ع. (۱۳۹۸)، توزیع مجانبی آماره آزمون توزیع لاپلاس در برابر کوشی و تقریب آن، دوازدهمین سمینار احتمال و فرآیندهای تصادفی، سمنان.
- ۴. راسخی، ع. (۱۳۹۷)، خانواده توزیعهای تبدیل کروی و کاربرد آن در مدلهای بقا، دومین کنفرانس منطقه ای علوم
 ریاضی و کاربردها، بهبهان.

- ۵. راسخی، ع. (۱۳۹۷)، کاربرد اسپلاین ها در مدل بندی آماری دادهها، دومین کنفرانس منطقه ای علوم ریاضی و کاربردها، بهبهان.
- ۶. حسینی، ف.، راسخی، ع. (۱۳۹۷)، مدل رگرسیون دو حالتی بیزی با تابع ربط توان نمایی و کاربرد آن در داده های پزشکی، نخستین کنفرانس ملی دانشجویی آمار ایران، تهران.
 - ۷. ناصریان، ج، حاجیزاده، ا.، راسخی، ع.، آهنگر، ح. (۱۳۹۴)،

بیش همواری در هموارسازی تابع شدت خطر بیماران قلبی ، نهمین همایش ملی تخصصی آمار، ارومیه.

۸. راسخی، ع. (۱۳۹۴)، آزمون خطی یا ثابت بودن تابع خطر، دهمین سمینار احتمال و فرآیندهای تصادفی، یزد.

مقالات

- [1] Hamedi-Shahraki, Soudabeh, Rasekhi, Aliakbar, Yekaninejad, Mir Saeed, Eshraghian, Mohammad Reza, and Pakpour, Amir H. Kumaraswamy regression modeling for bounded outcome scores. *Pakistan Journal of Statistics and Operation Research*, pp. 79–88, 2021.
- [2] Amini, Maedeh, Kazemnejad, Anoshirvan, Zayeri, Farid, Montazeri, Ali, Rasekhi, Aliakbar, Amirian, Azam, and Kariman, Nourossadat. 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] Rasekhi, A and Sadooghi-Alvandi, SM. 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] Ghasemi, Fahimeh, Olfatbakhsh, Asiyeh, Rasekhi, Aliakbar, and Haghighat, Sh. 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] Ghaffarifar, Fatemeh, KarimiPourSaryazdi, Amir, Ghaffari, Ali Dalir, Tavakoli, Pooya, Barati, Mohammad, Rasekhi, Aliakbar, KarimiPourSaryazdi, Yeganeh, and Siahkohy, Bahareh. Anti-toxoplasma effects of artemisia aucheri extract in vitro. *Paramedical Sciences and Military Health*, 15(1):26–34, 2020.
- [6] Beiranvand, Behrouz, Hajizadeh, Ebrahim, Rasekhi, Aliakbar, Amirfarhangi, Abdollah, and Nasseryan, Javad. Recurrent event analysis of coronary artery stenosis in patients undergoing angioplasty. *Iranian Red Crescent Medical Journal*, 22(5), 2020.

- [7] Osmani, Freshteh, Rasekhi, Aliakbar, Hajizadeh, Ebrahim, and Akbari, Mohammad Esmaeil. Simultaneous modeling of multiple recurrences in breast cancer patients. *Koomesh*, 22(2):359–364, 2020.
- [8] Amini, Maedeh, Kazemnejad, Anoshirvan, Rasekhi, Aliakbar, Zayeri, Farid, Hajifathali, Abbas, and Tavakoli, Farzaneh. Application of latent class analysis in diagnosis of graft-versushost disease by serum markers after allogeneic haematopoietic stem cell transplantation. *Scientific reports*, 10(1):1–10, 2020.
- [9] Osmani, Freshteh, Hajizadeh, Ebrahim, Rasekhi, Ali Akbar, and Akbari, Mohammad Esmaeel. Determination of effective factors on recurrences in patients with breast cancer by joint modeling of recurrences and death. PAJOUHESH DAR PEZESHKI, 2020.
- [10] Osmani, Freshteh, Hajizadeh, Ebrahim, Rasekhi, Aliakbar, and Akbari, Mohammad Esmaeil. 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] Hosseini, Fatemeh, Rasekhi, Aliakbar, and Lamyian, Minoor. 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] Hamedi-Shahraki, Soudabeh, Eshraghian, Mohammad Reza, Yekaninejad, Mir Saeed, Amirkhizi, Farshad, Rasekhi, Aliakbar, and Pakpour, Amir. 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] Kamali, Mahsa, Ahmadi, Fazlollah, and Rasekhi, Aliakbar. The effect of continuous care model on the sleep quality of the elderly. *Evidence Based Care*, 9(3):15–23, 2019.
- [14] Osmani, F, Hajizadeh, E, Rasekhi, AA, and Akbari, ME. 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.
- [15] Alinejad, Vahid, Hajizadeh, Ebrahim, Rasekhi, Aliakbar, and Khalkhali, Hamid Reza. Evaluation of the factors affecting growth impairment of children aged below 6 years by using marginal models. *Iranian journal of pediatrics*, 29(4):e90520, 2019.
- [16] Hosseini, Fatemeh, Rasekhi, Aliakbar, and Lamyian, Minoor. Factors associated with exclusive breastfeeding among primiparous women. *Journal of Nursing Education (JNE)*, 8(2):51–57, 2019.

- [17] Rasekhi, A, Rasekhi, M, and Hamedani, G. Incomplete gamma distribution: a new two parameter lifetime distribution with survival regression model. *UPB Scientific Bulletin, Series A:*Applied Mathematics and Physics, pp. 177–184, 2019.
- [18] Rasekhi, A and Sadooghi-Alvandi, SM. A note on the most powerful invariant test of rayleigh against exponential distribution. *Communications in Statistics-Theory and Methods*, pp. 1–9, 2019.
- [19] Mohammadzadeh, F, Hajizadeh, E, Rasekhi, A, and Azimzadeh Jamalkandi, S. Identification of a novel genetic signature in staging of colorectal cancer: A bayesian approach. *Iranian Red Crescent Medical Journal*, 2019.
- [20] Piadehkouhsar, M, Ahmadi, F, Fallahi Khoshknab, M, and Rasekhi, AA. The effect of orientation program based on activities of daily living on depression, anxiety, and stress in the elderly. *International journal of community based nursing and midwifery*, 2019.
- [21] Hamedi-Shahraki, S, Eshraghian, MR, Yekaninejad, MS, Nikoobakht, M, Rasekhi, A, Chen, H, and Pakpour, A. Health-related quality of life and medication adherence in elderly patients with epilepsy. *Neurologia i neurochirurgia polska*, 2019.
- [22] Alvandi, Rezvaneh, Rasekhi, Aliakbar, and Ariana, Mehdi. 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] Rasekhi, A. Adding new mathematical functions and statistical distributions in winbugs. *Andishe_ye Amari*, 23(2), 2019. [*Persian*].
- [24] Talebi, Seyedeh Solmaz, Mohammad, Kazem, Rasekhi, Aliakbar, and Mansournia, Mohammad Ali. Risk ratio estimation in longitudinal studies. *Archives of Iranian Medicine (AIM)*, 22(1), 2019.
- [25] Hoseini, F, Rasekhi, A, and Lamyian, M. Investigating the relationship between exclusive breast-feeding and health literacy in primiparous women. *Daneshvar Medicine*, 26(137):31–36, 2019. [*Persian*].
- [26] Osmani, F and Rasekhi, A. Inverse-probability weighting and multiple imputation methods for analyzing missing in the response. *Journal of Statistical Sciences*, 12(2):469–483, 2019. [*Persian*].
- [27] Osmani, F, Hajizadeh, E, and Rasekhi, A. Association between multiple recurrent events with multivariate modeling: A retrospective cohort study. *Journal of research in health sciences*, 18(4), 2018.

- [28] Nademi, M, Rasekhi, A, and Moini, A. Cumulative logit model in endometriosis risks analysis and its severity. *Med Sci*, 25(9):37–45, 2018. [*Persian*].
- [29] Osmani, F, Hajizadeh, E, Rasekhi, A, and Akbari, ME. Analyzing relationship between local and metastasis relapses with survival of patients with breast cancer: A study using joint frailty model. *International Journal of Cancer Management*, 2018.
- [30] Osmani, F, Hajizadeh, E, and Rasekhi, A. Bayesian multivariate joint modeling for multiple events time data and survival. *Available at SSRN 3255840*, 2018.
- [31] Osmani, F, Hajizadeh, E, and Rasekhi, A. Joint frailty modeling for multiple recurrent events and its application in patients with breast cancer. *Journal of Obstetrics, Gynecology and Cancer Research (JOGCR)*, 3(2):0–0, 2018.
- [32] Ghaheri, A, Rasekhi, A, Samani, R, and Hajizadeh, E. Modeling in vitro fertilization data considering multiple outcomes observed among iranian infertile women. *International journal of fertility & sterility*, 12(1):27, 2018.
- [33] Osmani, F, Hajizadeh, E, Rasekhi, A, and Akbari, ME. Analysis of association between multiple recurrences with survival in breast cancer patients with joint frailty models. *Available at SSRN* 3255841, 2018.
- [34] Ghasemi, F, Rasekhi, A, and Haghighat, s. Analyzing the survival of breast cancer patients using weibull and poisson beta-weibull non-mixture cure models. *Research in Medicine*, 42(4):236–242, 2018. [*Persian*].
- [35] Jafari, A, Yarmohammadi, M, and Rasekhi, A. Bayesian analysis of change point detection in autoregressive time series model with markov process states. *International Journal of Applied Mathematics and Statistics*TM, 56(5):118–129, 2017.
- [36] Jafari, A, Yarmohammadi, M, and Rasekhi, A. Change point detection in autoregressive time series model with trend. *International Journal of Applied Mathematics and Statistics*TM, 56(4):70–80, 2017.
- [37] Jafari, A, Yarmohammadi, M, and Rasekhi, A. Bayesian analysis to detect change-point in two-phase laplace model. *Scientific Research and Essays*, 11(18):187–193, 2016.
- [38] Nasseryan, Javad, Hajizadeh, Ebrahim, Rasekhi, Aliakbar, and Ahangar, Hassan. Investigation factors affecting the first recurrence of coronary artery disease in patients undergone angioplasty using cox survival model. *Medical Journal of The Islamic Republic of Iran (MJIRI)*, 30(1):1019–1025, 2016.

- [39] Nasseryan, J, Hajizadeh, E, Rasekhi, A, and Ahangar, H. The association of demographic and clinical factors with the frequency of restenosis in patients undergoing angioplasty using negative binomial regression. *Iranian Journal of Epidemiology*, 12(2):9–17, 2016. [*Persian*].
- [40] Babadi, B, Rasekh, A, Zare, K, and Rasekhi, A. A variance shift model for detection of outliers in the linear mixed measurement error models. *Communications in Statistics-Theory and Methods*, 45(24):7350–7366, 2016.
- [41] Nasseryan, J, Hajizadeh, E, Rasekhi, A, and Ahangar, H. Assessment of the clinical factors related to the prevalence of restenosis in patients undergone angioplasty using logistic regression. *Journal Of Health Promotion Management (JHPM)*, 5(2):1–9, 2016. [*Persian*].
- [42] Babadi, Babak, Rasekh, Abdolrahman, Rasekhi, Ali Akbar, Zare, Karim, and Zadkarami, Mohammad Reza. A variance shift model for detection of outliers in the linear measurement error model. in *Abstract and Applied Analysis*, vol. 2014. Hindawi Publishing Corporation, 2014.
- [43] Zare, Karim, Rasekh, Abdolrahman, and Rasekhi, Aliakbar. Estimation of variance components in linear mixed measurement error models. *Statistical Papers*, 53(4):849–863, 2012.
- [44] Fazlara, Ali, Zolgharnain, Hossein, Rasekhi, Ali Akbar, and Zeinipour, Tayebeh. Comparative survey on contamination into salmonella in hamur fish (epinepheelus coioides) in khouzestan coastal regions in south west of iran. in 2nd International ISEKI_FOOD Conference, 2011.
- [45] Bazyari, Abouzar, Chinipardaz, Rahim, and Rasekhi, Aliakbar. Likelihood ratio test for order restrictions against all alternatives in multivariate normal distribution. *International Journal of Statistics & Systems*, 6(1), 2011.
- [46] Bazyari, A, Chinipardaz, R., and Rasekhi, A. Testing homogeneity of mean vectors against ordered restriction on multivariate normal distribution. *Journal of Advanced Mathematical Modelling*, 1(1):99–118, 2011. [*Persian*].
- [47] Sadooghi-Alvandi, S. M. and Rasekhi, A. Testing normality against the logistic distribution using saddlepoint approximation. *Communications in Statistics Simulation and Computation*, 38(7):1426–1434, 2009.
- [48] Rasekhi, A. and Sadooghi-Alvandi, S.M. General saddlepoint approximation for testing separate location-scale families of hypotheses. *Communications in Statistics Simulation and Computation*, 37(5):863–880, 2008.