

خلاصه سوابق علمی و پژوهشی

مشخصات فردی

- مهدی مهدی‌زاده
- مرتبه علمی: دانشیار
- آدرس محل کار: سبزوار، دانشگاه حکیم سبزواری، دانشکده ریاضی و علوم کامپیوتر
- تلفن تماس: 05144013690
- پست الکترونیکی: mahdizadeh.m@hsu.ac.ir

تحصیلات

- دکتری آمار (گرایش استنباط آماری)، دانشگاه فردوسی مشهد
- کارشناسی ارشد آمار (گرایش آمار ریاضی)، دانشگاه فردوسی مشهد
- کارشناسی آمار، دانشگاه فردوسی مشهد

مقالات چاپ شده در مجلات

1. Mahdizadeh, M., and Zamanzade, E. (2022). On interval estimation of the population mean in ranked set sampling. *Communications in Statistics: Simulation and Computation* 51, 2747-2768.
2. Zamanzade, E., Mahdizadeh, M., and Samawi, H. (2020). Efficient estimation of cumulative distribution function using moving extreme ranked set sampling with application to reliability. *AStA Advances in Statistical Analysis* 104, 485-502.
3. Mahdizadeh, M., and Zamanzade, E. (2019). Goodness-of-fit tests for the Cauchy distribution with application to financial modeling. *Journal of King Saud University - Science* 31, 1167-1174.
4. Tamandi, M., Jamalizadeh, A., and Mahdizadeh, M. (2019). A generalized Birnbaum-Saunders distribution with application to the air pollution data. *Electronic Journal of Applied Statistical Analysis* 12, 26-43.
5. Mahdizadeh, M., and Zamanzade, E. (2018). Stratified pair ranked set sampling. *Communications in Statistics: Theory and Methods* 47, 5904-5915.
6. Zamanzade, E., and Mahdizadeh, M. (2018). Distribution function estimation using concomitant-based ranked set sampling. *Hacettepe Journal of Mathematics and Statistics* 47, 755-761.
7. Zamanzade, E., and Mahdizadeh, M. (2018). Estimating the population proportion in pair ranked set sampling with application to air quality monitoring. *Journal of Applied Statistics* 45, 426-437.

8. Amini, M., and Mahdizadeh, M. (2017). Nonparametric estimation of the entropy using a ranked set sample. *Communications in Statistics: Simulation and Computation* 46, 6719-6737.
9. Zamanzade, E., and Mahdizadeh, M. (2017). Goodness-of-fit tests for Rayleigh distribution based on Phi-divergence. *Colombian Journal of Statistics* 40, 279-290.
10. Zamanzade, E., and Mahdizadeh, M. (2017). Entropy estimation from ranked set samples with application to test of fit. *Colombian Journal of Statistics* 40, 223-241.
11. Mahdizadeh, M. (2017). On testing uniformity using an information-theoretic measure. *Communications in Statistics: Simulation and Computation* 46, 6173-6196.
12. Zamanzade, E., and Mahdizadeh, M. (2017). A more efficient proportion estimator in ranked set sampling. *Statistics and Probability Letters* 129, 28-33.
13. MirMostafae, S.M.T.K., Mahdizadeh, M., and Lemonte, A.J. (2017). The Marshall-Olkin extended generalized Rayleigh distribution: Properties and applications. *Communications in Statistics: Theory and Methods* 46, 653-671.
14. Zamanzade, E., and Mahdizadeh, M. (2016). Entropy estimation from judgment post stratified data. *Pakistan Journal of Statistics and Operation Research* 12, 625-637.
15. MirMostafae, S.M.T.K., Mahdizadeh, M., and Aminzadeh, M. (2016). Bayesian inference for the Topp-Leone distribution based on lower k-record values. *Japan Journal of Industrial and Applied Mathematics* 33, 637-669.
16. MirMostafae, S.M.T.K., Mahdizadeh, M., and Nadarajah, S. (2015). The beta Lindley distribution. *Journal of Data Science* 13, 603-626.
17. Mahdizadeh, M., and Arghami, N.R. (2013). Improved entropy based test of uniformity using ranked set samples. *SORT* 37, 3-18.
18. Mahdizadeh, M. (2012). On the use of ranked set samples in entropy based test of fit for the Laplace distribution. *Colombian Journal of Statistics* 35, 443-455.
19. Mahdizadeh, M., and Arghami, N.R. (2012). Quantile estimation using ranked set samples from a population with known mean. *Communications in Statistics: Simulation and Computation* 41, 1872-1881.
20. Mahdizadeh, M., and Arghami, N.R. (2010). Efficiency of ranked set sampling in entropy estimation and goodness-of-fit testing for the inverse Gaussian law. *Journal of Statistical Computation and Simulation* 80, 761-774.