

## **Fatemeh Yousefzadeh**

**Associate Professor,  
Department of Statistics,  
School of Mathematical Sciences and Statistics,  
University of Birjand,  
Birjand, Iran.**

**Phone:+98-56-32502301 Ext. 284**

**Fax:+98-56-32502041.**

**E-mail: [fyousefzadeh@birjand.ac.ir](mailto:fyousefzadeh@birjand.ac.ir)**

### **Education**

2009, Ph.D. (Statistics) Ferdowsi University of Mashhad, Iran

2005, M.Sc. (Mathematical Statistics) Ferdowsi University of Mashhad, Iran

2003, B.Sc. (Statistics) Ferdowsi University of Mashhad, Iran Title of Ph.D. Thesis: Population of distribution function estimator and its application to estimate entropy and goodness of fit tests  
Supervisor: Prof. N.R. Arghami

### **Research Interests:**

Statistical Inferences  
Computer Intensive methods  
Multivariate Analysis  
Records

### **Teaching Experiences**

- **Undergraduate Courses:** Statistics and probability 1 and 2, Sampling methods 1 and 2, Nonparametric methods, Differential equations, Regression, Simulation, Statistics 1 and 2, Probability 1, Statistical calculations, Statistics and mathematics in sport science, Descriptive statistics.
- **Master Courses:** Statistical inference 1 and 2, Advanced nonparametric methods, Special statistics of sports activities, Statistical analysis and statistical software usage in sport.
- **PHD Courses:** Advanced Statistical inference, Advanced topics in nonparametric theory, Statistics and advanced research methodology in sport physiology, Statistical analysis of results.

### **Societies Membership**

Iranian Statistical Society (ISC)

## Papers in Journals

1. Pakgozar, A. Habibirad, A, Yousefzadeh, F. (2018) Goodness of fit test using Lin-Wong divergence based on Type-I censored data, to print in Communications in Statistics-Simulation and Computation.
2. Pakgozar, A. Habibirad, A, Yousefzadeh, F. (2018) Lin Wong Divergence and Relations on Type I Censored Data, To print in Communications in Statistics-Theory and Methods.
3. Sadeghi,F. Yousefzadeh, F. Chahkandi, M. (2018) Some new stochastic orders based on quantile function, To print in Communications in Statistics-Theory and Methods.
4. Khalili, M. Habibirad, A. Yousefzadeh, F. (2018) Some properties of Lin–Wong divergence on the past lifetime data, Communications in Statistics-Theory and Methods,47:14, 3464-3476.
5. Ahmadi, K. Rezaei, M. Yousefzadeh, F. (2018) Progressively Type-II censored competing risks data for exponential distributions based on sequential order statistics, Communications in Statistics-Simulation and Computation, 47:5, 1276-1296.
6. Yousefzadeh, F. (2017) E-Bayesian and hierarchical Bayesian estimations for the system reliability parameter based on asymmetric loss function, Communications in Statistics - Theory and Methods, 46:1, 1-8,
7. Ghafouri, S. Habibi Rad, A. Yousefzadeh, F. (2017) Two-sample prediction for progressively Type-II censored Weibull lifetimes. Communications in Statistics - Simulation and Computation 46:2, 1381-1400.
8. Bitaraf, M Rezaei M, Yousefzadeh F (2017) Goodness-of-fit tests based on Verma Kullback–Leibler information, Communications in Statistics-Theory and Methods, 46:24, 12152-12164.
9. Kahrari, F. Arellano-Valle, RB. Rezaei, M. Yousefzadeh, F. (2017) Scale mixtures of skew-normal-Cauchy distributions Statistics & Probability Letters, 126,1-6.
10. Bitaraf, M, Rezaei, M., Yousefzadeh, F. (2017) Test for normality based on two new estimators of entropy, Journal of Statistical Computation and Simulation,87:2 280-294.
11. Ahmadi, K. Yousefzadeh, F.Rezaei, M. (2017) Progressively Type-I interval censored competing risks data for the proportional hazards family, Communications in Statistics - Simulation and Computation, 46:8, 5924-5950.
12. Ahmadi, K Rezaei, M. Yousefzadeh F,(2017) Statistical analysis of middle censored competing risks data with exponential distribution, Journal of Statistical Computation and Simulation,87:16,3082-3110.
13. Ahmadi, K., Yousefzadeh, F. Rezaei, M. (2016) Analysis of progressively type-I interval censored competing risks data for a class of an exponential distribution, Journal of Statistical Computation and Simulation,86:18, 3629-3652.
14. Ahmadi, K, Rezaei, M. Yousefzadeh, F. (2016) Point predictors of the latent failure times of censored units in progressively Type-II censored competing risks data from the exponential distributions, Journal of Statistical Computation and Simulation,86:8, 1620-1634.

15. Kahrari, F. Rezaei, M. Yousefzadeh, F. Arellano-Valle RB. (2016) On the multivariate skew-normal-Cauchy distribution *Statistics & Probability Letters* 117,80-87.
16. Ahmadi, K. Yousefzadeh, F. Rezaei, M. (2015) M. Estimation for the generalized half-normal distribution based on progressive Type II censoring. *Journal of Statistical Computation and Simulation*,85:6, 1128-1150.
17. Ahmadi, K. Yousefzadeh, F. (2015). Estimation for the parameters of generalized half-normal distribution based on progressive Type-I interval censoring. *Communications in Statistics—Simulation and Computation*. 44:10, 2671-2695.
18. Ghafuri,s. Habibi Rad, A. Yousefzadeh, F. (2015) Two-Sample Prediction for Progressively Type-II Censored Weibull Lifetimes. *Communications in Statistics—Simulation and Computation*. Online.
19. Dauxois, JY. Jomhoori,S. Yousefzadeh, F. (2014), Testing an " Exponential Delay Time model"against a" Random Sign Censoring model"in *Reliability, Journal de la Société Française de Statistiqu*, 155:3,104-119.
20. Jomhoori, S. Yousefzadeh, F. (2014) On estimating the residual renyi entropy under progressive censoring. *Communications in Statistics — Theory and Methods*. . 43, 2395-2405.
21. Bageri, M., Yousefzadeh, F. (2012) Interval Estimation for the Exponential Distribution under Progressive Type-II Censored Step-Stress Accelerated Life-Testing Model Based on Fisher Information. *J. Statist. Res. Iran* 9: 1–11.
22. Habibi Rad, A. Yousefzadeh, F. and Balakrishnan, N. (2011) Goodness-of-fit Test Based on Kullback-Leibler Information for Progressively Type-II Censored Data, *IEEE Transactions on Reliability*. 60(3)570-578.
23. Mokhtari E.B. Rad A.H Yousefzadeh F. (2011) Inference for Weibull distribution based on progressively type-II hybrid censored data, *Journal of Statistical Planning and Inference*. 141, 2824–2838.
24. Yousefzadeh, F. and Arghami, N.R (2011). A piece-wise linear cdf estimator and some applications *Pak.J.Statist* 27(1)1-11.
25. Habibi Rad, A. Yousefzadeh, F. (2010) Analysis of Hybrid Censored Data From the Log-normal Distribution *J. Statist. Res. Iran* 7 34-46.
26. Yousefzadeh, F. and Arghami, N.R. (2008), Testing Exponentiality based on type II censored data and a new cdf estimator. *Communications in Statistics—Simulation and Computation*, 37, 1479–1499.

27. Habibi Rad, A. Yousefzadeh, F. Amini, M. and Arghami, N.R. (2007), Testing Exponentiality based on record values. JIRSS, 6(1) 77-87.
28. Yousefzadeh, F. and Arghami, N.R. (2007), Computer-Intensive nonparametric confidence intervals for the population mean with high accuracy and efficiency. Pak.J.Statist. 23(2) 133-199.

## Papers in Conferences

1. Rezaei, A. Yousefzadeh, F. The characteristic function of the multivariate skewed generalized pearson type II distribution, Proceedings of 14th Iranian Statistical Conference. 2018-9-25.
2. Pakgozar A., Habibirad A., Yousefzadeh F. On a Goodness of fit test for Normality Based on Lin-Wong divergence on type I censored data, Fourth Seminar on Reliability Theory and Applications 2018-4-25.
3. Khalili M., Habibirad A., Yousefzadeh F. Testing exponentiality based on the residual Lin-Wong divergence. Fourth Seminar on Reliability Theory and Applications 2018-4-25.
4. Ahmadi, K Rezaei, M Yousefzadeh F. Estimation for the parameters of competing risks model with middle censored exponential data, 47<sup>th</sup> Iranian Mathematical Conference, 2016-09-28.
5. Jalili Shahri, Z. Yousefzadeh, F. Comparison of estimate for the class of exponential distribution based on record value Proceedings of 13th Iranian Statistical Conference. 2016-09-24.
6. Ahmadi, K Rezaei, M Yousefzadeh F. Bayesian estimation and prediction with progressively type I interval censored competing risks data for proportional hazards family Proceedings of 13th Iranian Statistical Conference. 2016-09-24.
7. Bitaraf, M Rezaei M, Yousefzadeh F, Goodness of fit test based on kullback liebler information for progressively first failure censored data. First seminar on reliability theory and applications 2015-5-27.
8. Ahmadi, K. Yousefzadeh, F. and Rezaei, M. Estimation for the parameters of generalized half-normal based on progressive first-failure censoring Proceedings of 12th Iranian Statistical Conference. 2014-09-25.
9. Ghafari, S. Habibi Rad, A., Yousefzadeh, F. Non-Bayesian two-Sample Prediction for Progressively Type-II Censored Weibull Lifetimes Proceedings of 12th Iranian Statistical Conference. 2014-09-25.
10. Jalili Shahri, Z. Yousefzadeh, F. Moments for class of exponential distribution based on record values Proceedings of 12th Iranian Statistical Conference. 2014-09-25.
11. Gholipour, A. and Yousefzadeh, F. Parameter estimations for the Gompertz distribution under progressive type-I interval censoring. Proceedings of 12th Iranian Statistical Conference. 2014-09-25.

12. Habibi Rad, A. and Yousefzadeh, F. Goodness-of-Fit Test with Adaptive Type-II Progressively Censored Data. Proceedings of 12th Iranian Statistical Conference. 2014-09-25.
13. Habibi Rad, A., Yousefzadeh, F. Using Approximate MLE for testing normality based on kullback liebler information with progressively typed II censored data. Proceedings of 10th Iranian Statistical Conference, 2010-08-03.
14. Habibi Rad, A., Yousefzadeh, F. Inference based on Unified Hybrid Censored Data from a Weibull Distribution Essays on Mathematics and Statistics , Athens Institute for Education & Research (ATINER) ,2014-07-1.
15. Habibi Rad, A., Yousefzadeh, F. Goodness of fit test based on kullback liebler information for progressively type II censored data. Proceedings of 11th Iranian Statistical Conference, 2012-08-28.
16. Yousefzadeh, F. Baghery, M. Maximum likelihood estimations for weibull progressive type II censored step stress accelerated life testing. Proceedings of 11th Iranian Statistical Conference. 2012-08-28.
17. Yousefzadeh, F. Gholipur, A. Approximate mle for the generalized exponential distribution under progressive type I interval censoring. Proceedings of 11th Iranian Statistical Conference. 2012-08-28.
18. Yousefzadeh, F. and Arghami, N.R. New Tests for Equality of Two Continuous distributions", Proceedings of 11th Iranian Statistical Conference. 2012-08-28.
19. Jomhoori, S. Yousefzadeh, F. Results on Residual Renyi Entropy under Progressive Censoring. Proceedings of International Conference on Advances in Probability and Statistics Theory and Applications. 2011-12-28.
20. Yousefzadeh, F. and Arghami, N.R. Sample Entropy of continuous distributions. Proceedings of 10th Iranian Statistical Conference, 2010-08-03.