

Dr. Majid Rezaei

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RESEARCH INTERESTS	Reliability , Competing risk , Statistical Inference , Order Statistics, Time Series Analysis	
ACADEMIC APPOINTMENTS	Associated Professor , University of Birjand Shahid Beheshti University , Tehran, Iran	August 1993 to present
	Ph.D., Statistics, November 2006 <ul style="list-style-type: none">• Thesis Topic: <i>Analysis of progressively Type-II censored competing risks data</i>• Adviser: Dr Khdadadi A. Professor mishkani M.R.• Area of Study: Reliability , Competing risk Tarbiat Modares University , Tehran , Iran	
	M.S., Mathematical Statistics, August 1983 <ul style="list-style-type: none">• Thesis Topic: <i>Estimation of mean for slected population</i>• Adviser: Professor Parsinan A. Professor Pasha• Area of Study: Statistical Inference Ferdowsi University , Mashhad , Iran	
	B.S., Statistics, June 1989 <ul style="list-style-type: none">• Adviser: Professor Bozorgnyan• Area of Study: Time Series Analysis	
TEACHING EXPERIENCE	University of Birjand <i>Statistical Inference, linear model , Reliability</i> <i>Statistics and Probability, Principles of Probability, Nonparametric Methods, Mathematical Statistics, Simulation</i>	
COMPUTER PROGRAMMING	<i>C, C++, Fortran 4, Fortran 77, PL/I</i> <i>Maple, Matlab, Matematica, S-plus, Spss, R and RStudio</i>	
BOOK PUBLICATIONS	[1] Rezaei M. , Gholizadeh B. Statistical Computing with R	
RESEARCH PROJECT	[2] Rezaei. M. , Memarian. H. Application of Rainfall Time Series and Statistical Climatic Indices for Drought Prediction using Co-Active Neurofuzzy Inference System In: <i>The University of Birjand</i> , November , 2015.	

- [3] Akbari. M. , Rezaei. M., Jomhoori. S. and Fakoor. V.
Nonparametric estimators for quantile density function under length-biased sampling
Communication in Statistics- Theory and Methods,
<https://doi.org/10.1080/03610926.2018.1549245>
- [4] Kahrari. F. , Arellano-Valle. R. B. and Rezaei. M.
Bias prevention of maximum likelihood estimates for Skew-Normal-Cauchy Distribution.
Communications in Statistics Simulation and Computation,
<https://doi.org/10.1080/03610918.2018.1489055>
- [5] Ahmadi.K, Rezaei. M. and Yousefzadeh. F.
Progressively Type-II censored competing risks for exponential distribution based on sequential order statistics. *Communications in Statistics Simulation and Computation* Vol. 47 , NO.5, 1276-1296, 2018
- [6] Zendeheidel. J. , Rezaei. M. , Akbari. M. G. , Alizahad and zarhe
Testing exponentiality for imprecise data and its application
Soft Computing ,Vol. 22 3301-3312 (2018)
- [7] Agahi. M. , Waghei. Y. and Rezaei. M.
Parameters Estimation in the Regular Two-Stage Linear Models. *Journal of Statistical Sciences*, Vol. 12, No.1 , 1-19 , 2018.
- [8] Ameli. S. , Rezaei. M. and Ahmadi.J.
Prediction of Times to Failure of Censored Units in Progressive Hybrid Censored Samples for the proportional Hazards Family. *Journal of Statistical Research of Iran*, Vol. 14, No.2 1 , 2017.
- [9] Ahmadi.K, Rezaei. M. and Yousefzadeh. F.
Statistical analysis of middle censored competing risks data with exponential distribution *Journal of Statistical Computation and Simulation* Vol. 87 , No. 16, 3082-3110, 2017
- [10] Ahmadi.K, Yousefzadeh. F. and Rezaei. M.
Progressively Type-I interval censored competing risks data for the proportional hazards family *Communications in Statistics Simulation and Computation* Vol. 46 , NO. 8, 5924-5950, 2017
- [11] Zendeheidel. J. , Rezaei. M. , Akbari. M. G. , Alizahad and zarhe
Testing exponentiality for imprecise data and its application
Soft Computing ,Vol. 22 3301-3312 (2018)
- [12] Kahrari. F. , Arellano-Valle. R. B. , Rezaei. M. and Yousefzadeh. F.
Scale Mixtures of Skew-Normal-Cauchy Distributions
Statistics & Probability Letters, Vol. 126 , 1-6, 2017
- [13] Bitaraf, M, M.Rezaei , Yousefzadeh F.
Goodness of Fit Test Based on Verma Kullback-Leibler Information
Communication in Statistics, Theory and Methods, Vol. 46 , No. 24, 12152-12164, 2017
- [14] Mirjalili, A., Khanjari S. M. and Rezaei M.
A Note on the Mean Residual Life of a Coherent System with a Cold Standby Component
Communications in Statistics Simulation and Computation Vol. 46 , No. 20, 10348-10358, 2017

- [15] Bitaraf, M, Rezaei M. , Yousefzadeh F.
Test for Normality Based on two New Estimators of Entropy
Journal of Statistical Computation and Simulation Vol. 87, 280 - 294 , 2017.
- [16] Samadi. P. , Rezaei. M. and Chahkandi. M.
On the residual lifetime of coherent systems with heterogeneous components.
Metrika, Vol. 80, 69-82 (2017)
- [17] Kahrari. F. , Rezaei. M. , Yousefzadeh. F. and Arellano-Valle. R. B.
On the multivariate skew-normal-Cauchy distribution
Statistics & Probability Letters, Vol. 111 , 80-88, 2016
- [18] Hadi Memarian, Mohsen Pourreza Bilondi, Majid Rezaei
Drought prediction using co-active neuro-fuzzy inference system, validation, and uncertainty analysis (case study: Birjand, Iran)
Theoretical and Applied Climatology, Vol. 125, 541 - 554 , 2016.
- [19] Ahmadi.K, Yousefzadeh. F. and Rezaei. M.
Analysis of progressively type-I interval censored competing risks data for a class of an exponential distribution
Journal of Statistical Computation and Simulation , Vol. 86, 1563 - 1582 , 2016.
- [20] Ahmadi.K, Yousefzadeh. F. and Rezaei. M.
Progressively Type-I interval censored competing risks data for the proportional hazards family.
Communications in Statistics Simulation and Computation Accepted. (2016)
- [21] Rezaei. M. , Memarian. H.
Application of Rainfall Time Series and Statistical Climatic Indices for Drought Prediction using Co-Active Neurofuzzy Inference System
Arid Biome Scientific and Research Journal, Vol. 5, No.2, 51-67, 2016
- [22] Ahmadi.K, Rezaei. M. and Yousefzadeh. F.
Point Predictors of the latent Failure times of Censored Units in progressively Type-II censoring Competing risks data from the exponential distributions
Journal of Statistical Computation and Simulation , Vol. 86, No. 8, 1620-1634, 2016
- [23] Rezaei.
M On Proportional Mean Past Lifetime Model
Communication in Statistics, Theory and Methods., Vol 45, Issue 14 , 4035-4047 , 2016
- [24] Ahmadi.K, Rezaei. M. and Yousefzadeh. F.
Estimation for the generalized half-normal distribution based on progressive Type-II censoring
Journal of Statistical Computation and Simulation , Vol. 85, 1128 - 1150 , 2015.
- [25] Rezaei. M., Golezadh.B.
On the Mixture Proportional Mean Residual Life Model
Communication in Statistics, Theory and Methods. Vol. 44, Issue 3 , 4263-4277 , 2015
- [26] Rezaei. M., Golezadh.B., Iezadkhah S.
On Relative Reversed Hazard Rate Order
Communication in Statistics, Theory and Methods., Vol. 44, Issue 1, 300-308 , 2015.
- [27] Rezaei. M., Ahrari. V.
On Reversed Average Intensity Order
Journal of Statistical Research of Iran, Vol. 11, 115 - 141 , 2014.

CONFERENCE
PUBLICATIONS

- [28] Alizad, Akbari M.Gh and Rezaei, M
Bootstrap statistical inference about the regression coefficients based on fuzzy data
International Journal of Fuzzy Systems, Vol. 14, No. 4, 2014.
- [29] Ahmadi. K, Rezaei. M.
on new ageing classes based on the reversed mean residual life order
Control and Cybernetics Systems, Vol. 42, No. 2, 2013
- [30] Ahmadi. K, Ahrari. V, and Rezaei. M.
Estimation for the Type-II Extreme Value Distribution Based on Progressive Type-II Censoring
Journal of Statistical Research of Iran, Vol. 9, 115 - 141, 2012.
- [31] Rezaei. M., Khdadadi. A.
Modified Progressive Type-II Censoring Procedure in Life-Testing under the Weibull Model
Journal of Sciences, Islamic Republic of Iran, 18(4), 347-354, 2007.
- [32] Rezaei. M., Khdadadi. A.
Analysis of Competing risks data for Log normal model under Progressive Type-II Censoring.
Appear in Communication in Statistics, Theory and Methods. Accepted.
- [33] Ahmadi. K, Ahrari. V and Rezaei M.
Stochastic Comparisons in the Class of Kumaraswamy-Generalized Distributions
Submitted in Control and Cybernetics Systems, (2015)
- [34] Khalghpana. A., Rezaei. M. and chakandi. M.
Comparison of coherent systems using reverse mean residual order In:
The 3th Seminar on Reliability Theory and its Applications, 14-15 May, 2016.
- [35] Zendehdel, Alizadeh, Akbari and Rezaei.
Some tests for exponentiality based on imprecise data In:
The 7th Seminar on Fuzzy Statistics and Probability, May, 2017.
- [36] Zendehdel, Zarei, Akbari and Rezaei.
Ageing concepts for exponential lifetime random variable in fuzzy environment In:
The 7th Seminar on Fuzzy Statistics and Probability, May, 2017.
- [37] Ahmadi, K, Rezaei. M and Yousefzadeh. F.
Estimation for the parameters of competing risks model with middle censored exponential data. In:
The 47th Annual Iranian Mathematics Conference, August, 2016.
- [38] Ahmadi, K, Rezaei. M and Yousefzadeh. F.
Bayesian Estimation and Prediction with Progressively Type-I Interval Censored Competing Risks Data For Proportional Hazards Family In:
The 13th Iranian Statistical Conference, August, 2016.
- [39] Rezaei. M. Akbari. M. and Jomhoori. S.
Stochastic Orders based on Quantile Function in Reversed Time In:
The 2th Seminar on Reliability Theory and its Applications, 14-15 May, 2016.
- [40] Karami, M., Rezaei, M.
The poisson Process Models in Analysis of Reliability of Repairable Systems In:
international Conference on Management Economics and Industrial Engineering, Tehran, Iran, June, 2015.

- [41] Akbari. M. , Jomhoori. S. , Rezaei. M.
On the Nonparametric Estimation of Hazard Quantile Function in Length-Biased Sampling. In:
The 10th Seminar on Probability and Stochastic Processes, 19-20 August , 2015.
- [42] Rezaei. M. , Karami. M.
The Poison Process Models in Analysis of Reliability of Repairable Systems. In:
International Conference on Management Economic and Industrial Engineering, 25-26 June , 2015.
- [43] Ameli. S. , Rezaei. M. , Ahmadi. J.
Prediction of Times to Failure of Censored Units in Progressive Hybrid Censored Samples from Exponential Distribution. In:
The First Seminar on Reliability Theory and its Applications, 27-28 May , 2015.
- [44] Bitaraf. M. , Rezaei. M. , Yousefzadeh. F.
Goodness-of-Fit Test Based on Kulback-Leibler Information for Progressively First - Failure Censored Data. In:
The First Seminar on Reliability Theory and its Applications, 27-28 May , 2015.
- [45] Rezaei. M. , Memarian. H.
Application of Rainfall Time Series and Statistical Climatic Indices for Drought prediction using Co-Active Neuro-fuzzy Inference System (case study: Birjand, Iran). In:
The 10th National Conference on Watershed Management Sciences and Engineering, 18-16 February , 2015.
- [46] Ahmadi.K, Yousefzadeh. F. and Rezaei. M.
Estimation for the parameters of generalized half-normal based on Progressively first-failure Censoring. In:
The 12th Iranian Statistical Conference, august , 2013.
- [47] Ahmadi.K, Rezaei. M.
Inference for the weighted exponential distribution based on Progressively Censored data. In:
The 11th Iranian Statistical Conference, Tehran , Iran, august , 2011.
- [48] Karami, M. , Rezaei, M.
Estimation of system Reliability In:
The 11th Iranian Statistical Conference, Tehran, Iran, august , 2011.
- [49] Zerand. M. , Rezaei. M.
Determination of Optimized Censor within Confidence Interval of Quantiles Non-parametric In:
The 10th Iranian Statistical Conference, Tabriz , Iran, august , 2010.
- [50] Jallali. A. , Rezaei. M.
Statistical inference Generalized Exponential Distribution for EM algorithm based on the Progressive Type-II censored Data. In:
The 10th Iranian Statistical Conference, Tabriz ,Iran, august , 2010.
- [51] Alizadeh, R. , Akbari, G. and Rezaei, M.
Estimating the parameters of linear regression with fuzzy data In:
The 10th Iranian Statistical Conference, Tabriz , Iran, august , 2010.
- [52] Alizadeh, R. , Akbari, G. and Rezaei, M.
Bootstrap statistical inference about the regression coefficients based on fuzzy data. IN:
The 41th Annual Iranian Mathematics Conference, Urmia , Iran , September , 2010.

- [53] Ahrari, V. , Rezaei, M.
counting processes and Intensity function . In:
The 8th Seminar on Probability and Stochastic Processes, Guilan, Iran, Mar , 2009.
- [54] Asadi. A. S. , Rezaei. M.
Analysis of Progressively Type-II Censored Competing Risk for Weibull Distribution
In:
The 9th Iranian Statistical Conference, Isfahan, Iran, July , 2008.
- [55] Khodadadi. A. , Rezaei. M.
Optimal Progressive Self Relocating Censoring Plans for Weibull Distribution In:
The 7th Seminar on Probability and Stochastic Processes, July , 2008.
- [56] Zerand. M. , Rezaei. M.
Determination of Optimized Censor Design in life experimental In:
The 7th Seminar on Probability and Stochastic Processes, Isfahan, Iran, July , 2008.
- [57] Asadi. A. S. , Rezaei. M.
Investigation of independence in Competing Risk In:
The 7th Seminar on Probability and Stochastic Processes, Isfahan, Iran, July , 2008.
- [58] Marviyan. L. , Rezaei. M.
Point Estimation for Normal Distribution, Based on Progressively Type II Censored Samples. In:
The 7th Seminar on Probability and Stochastic Processes, Isfahan, Iran, July , 2008.
- [59] Khodadadi. A. , Rezaei. M.
Analysis of competing risk data exponential model under Type-II progressively hybrid censoring. In:
The 6th Seminar on Probability and Stochastic Processes, Babolsar, Iran, July , 2007.
- THESES LIST PH. D. [60] Prediction of time to failures of progressively censored samples in some extended models.
Second supervisor : J.Ahmadi. Author : *S. Ameli* , March 2019
- [61] Inference in reliability based on quantiles.
Second supervisor : S. Jomhoori. Author : *M. Akbari* , January 2019
- [62] Topics in Reliability and Recognition of Distribution in Fuzzy Environment.
Second supervisor : M. G. Akbari Author : *Javad Zendehdel* , October 2016
- [63] A Study of the multivariate Skew-symmetric distribution.
Second supervisor : Fateme Yousefzadeh Author : *Fereshte Kahrari* , September 2017
- [64] Goodness of Fit Tests Based on Entropy under Censored Data
Advisor : Fateme Yousefzadeh Author : *Majid Bitaraf* , October 2016
- [65] Statistical inference based on the censored risks data
Second supervisor Dr. Fatemeh Yousefzadeh Author : *Kambiz Ahmadi*, November 2017
- THESES LIST M. SC. [66] On the mean residual life and mean inactivity time orders
Advisor : Majid Chakandi Author : *Mahnaz Mohammadi* , January 2019
- [67] On the signature of coherent system with heterogeneous components
Advisor : Majid Chakandi Author : *Paniz Samadi* , September 2015
- [68] Statistical inference on a new class of lifetime distributions
Advisor : Majid Chakandi Author : *Fereshte Hadiniya* , December 2015

- [69] Mixture proportional mean residual life model
Advisor : Mohammad Khorashadizadeh Author : *Solmaz Rostami* , September 2014
- [70] Review the reliability of repairable systems
Advisor : Ali Reza Solamani Author : *Mhboobeh Karami Farmad* , September 2014
- [71] Statistical inference based on the progressive type-II right censored data
Advisor : Sara Jomhouri Author : *Kambiz Ahmadi* , September 2012
- [72] Competing risk analysis of survivability for censored data
Advisor : Fateme Yousefzadeh Author : *Ali Reza Shahmoradi* , September 2012
- [73] Non parametric estimation of survival function under censored data
Advisor : Sara Jomhouri Author : *Vahideh Ahrari Khalaf* , September 2011
- [74] Fisher information in censoring plans
Advisor : Fateme Yousefzadeh Author : *Mandana Rahimi* , September 2010
- [75] statistical inference for fuzzy linear regression
Advisor : M. GH. Akbari Author : *Rouhollah Mohammadalizadeh* , September 2010
- [76] Determine the optimal Type-II progressive censoring scheme for generalized exponential distribution
Advisor : M. B. Moghaddaszade Author : *A. Jalali Mojahed* , October 2010
- [77] Inference under joint Type-II censored data
Advisor : M. Ebrahimpour Author : *H. Kamkar* , July 2010
- [78] Optimal progressive censoring plans for lifetime distributions
Advisor : Mohammad Khanjari Sadegh Author : *Mashed Zerand* , January 2010
- [79] Analysis of censored and incomplete data in competing risks
Advisor : Mohammad Khanjari Sadegh Author : *Saadat Allah Asadi* , October 2008
- [80] Linear models in view of perpendicular projection operator
Advisor : Mohammad Khanjari Sadegh Author : *Masoud Tavakoli* , October 2008
- [81] Statistical inference under progressive type-I interval censoring
Supervisor : Fateme Yousefzadeh Author : *Afsaneh Gholipour* , September 2012
- [82] Statistical inference for the Pareto distribution based on record values and times and Statistical inference Fuzzy parameters
Supervisor : M. Gh. Akbari Author : *Ali Reza Saeidi* , September 2011
- [83] The evaluation of recreational facilities in Golestan province
Supervisor : Jafar Khoshbakhti Author : *Evaz Emami* , February 2011
- [84] Comparison of the residual Renyi entropy of order statistic and record values
Supervisor : Fateme Yousefzadeh Author : *Maryam Salavati Hesari* , September 2011
- [85] Analysis of multivariate linear models using SAS
Supervisor : Yadollah Waghei Author : *Mahdiye Habibi* , September 2011
- [86] Bound in reliability analysis of systems
Supervisor : Mohammad Khanjari Sadegh Author : *Mahdieh Askaripour* , September 2010
- [87] Study of solar evolution CESAM simulation code other similar code Supervisor : Kazem Nafisy Author : *M. T. Shirzad* , September 2009

- [88] Some aging properties of a consecutive k-out- of- n system
Spervisor : Mohammad Khanjari Sadegh Author : *Neda Daneshgar* , September 2009
- [89] Comparisons of lifetimes among coherent system
Spervisor : Mohammad Khanjari Sadegh Author : *Hassan Golinari* , September 2009