Curriculum Vitae

MAJID CHAHKANDI

PERSONAL INFORMATION

Birth Date: 2 June 1984
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Address: University of Birjand, Birjand, Iran.

EDUCATION:

(2009-2013)   Ph. D: **Ferdowsi University of Mashhad - Iran.**
                           Thesis

On the Reliability of Coherent Systems.

*Advisor***:** Prof. Jafar Ahmadi.

(2006- 2008)   MSc: **Shahid Beheshti University of Tehran- Iran.**

Thesis

EM Algorithm and its Application in Survival Analysis.

*Advisor***:** Prof. Mojtaba Ganjali.

(2002- 2006)   BSc: **University of Birjand- Iran.**

Under graduate Project: Regression

RESEARCH INTEREST:

- **Reliability**

- **Nonparametric Statistics**

- **Order Statistics**

- **Information Theory**

TEACHING EXPERIENCE:

- **Statistics for Engineering and Science Students.**

- **Statistics for Management Students.**

- **Undergraduate Courses for Statistics students.**

HONORS AND Research Funds:

- **Ranked 1th** at the BSc Mathematical Statistisc, 2006, Department of Statistics, Birjand University, Iran.

- **Ranked 3th** at the MSc Mathematical Statistisc, 2008, Department of Statistics, Shahid Beheshti University of Tehran, Iran.

- **Ranked 2th** at the Ph. D Mathematical Statistisc, 2013, Department of Statistics, Ferdowsi University of Mashhad, Iran.

- **Ranked 10th** at national entrance exam for graduate study (M.Sc. Concours) in Mathematical Statistics, 2006, Iran.

- **Ranked 11th** at 11th national student Olympiad, 2006.

- **Ranked 7th** at 8th statistical student competition in Iran.

- **Ranked 1th** Student In Ph.D Qualify Exam, 2011, Faculty Of Mathematical Science, Ferdowsi University of Mashhad, Iran.

- **Ranked 2th** at entrance exam for Ph. D study in Ferdowsi University, 2009.

- **Sabbatical leave in Italy, Milan, 2013.**

Reviewed paper for:

1- **Reliability engineering and System safety**

2- **Statistical Papers**

3- **Applied Stochastic Models in Business and Industry**

4- **Communication in Statistics, Theory and Methods**

5- **Communications for Statistical Applications and Methods**

6- **International journal of general systems**

7- **Journal of Statistics Application and Probability**

8- **Hacettepe Journal of Mathematics and Statistics**

PUBLICATIONS:

1- **Chahkandi, M.** and Ganjali, M., (2009)**.** On some lifetime distributions with decreasing failure rate. _Computational Statistics and Data Analysis,_ 53, 4433-4440._(ISI)_

2- **Chahkandi, M.** and Ahmadi, J., (2013). Prediction intervals for k-records in terms of current records, _Journal of Statistical Theory and Applications_, Vol. 12, No. 1.

3- **Chahkandi, M**., Ahmadi, J. and Baratpour, S. (2014). Non-parametric prediction intervals for the lifetime of coherent systems, _Statistical Papers_, 55, 1019-1034._(ISI)_

4- **Chahkandi, M.**, Ahmadi, J. and Baratpour, S. (2014). Some results for repairable systems with minimal repairs, _Applied Stochastic Models in Business and Industry_, 30, 218-226_. (ISI)_

5- **Chahkandi, M.**, Ruggeri, F., and Suarez-Llorens A. (2016). On a generalized signature of repairable coherent systems_. IEEE Transactions on Reliability_, 65, 434-445. _(ISI)_

6- **Chahkandi, M.,** Alizadeh Noughabi, H. (2016). Testing Exponentiality of the Residual life, Based on Dynamic Cumulative Residual Entropy. _Statistics and Probability Letters_. 177, 1-11. _(ISI)_

7- Akbari, M. H. and **Chahkandi, M.** (2017). Fuzzy record values. _Soft Computing_. 21, 1013-1020. (_ISI_).

8- Samadi, p, Rezaei, M., and **Chahkandi, M.** (2017). On the residual lifetime of coherent systems with heterogeneous components. _Metrika. 80, 69-82. (ISI)._

9- **Chahkandi, M.,** Ahmadi, J. and Balakrishnan, N. (2017). Mixture representation for the residual lifetime of a repairable system. *Applied Stochastic Models in Business and Industry,*33, 382-393.*(ISI)*

10- Alizadeh Noughabi, H. and **Chahkandi, M.** (2018). Testing the validity of the exponential model for hybrid Type-I censored data*. Communications in Statistics - Theory and Methods*. 47, 5770-5778. *(ISI)*

11- Sadeghi, F., Yousefzadeh, F., and **Chahkandi, M.** (2018). Some new stochastic orders based on quantile function. *Communications in Statistics - Theory and Methods*. doi.org/10.1080/03610926.2017.1422757. *(ISI)*

Conference Papers:

1- **Chahkandi, M**. and Ganjali, M., (2008), "Some new distribution with decreasing failure rate", *9th Iranian Statistical Conference, Isfahan University-Iran.*

2- **Chahkandi, M.,** Ahmadi, J. and Baratpour, S., "Some preservation theorems for systems with minimal repairs*", 11th Iranian Statistical Conference, sep 2012, Tehran, Iran.*

3- **Chahkandi, M.** and Ahmadi, J. (2012). Prediction intervals for the lifetime of a coherent system, *The 3th Seminar on Reliability and its application. University of Mashhad, Iran.*

4- **Chahkandi, M.** and Setarehshenas, S. (2014). "On series system with repairable components*", 12th , Iranian Statistical Conference, Kermanshah, Iran.*

5- **Chahkandi, M.** and Ahmadi, J. (2014). "On the residual lifetimes of repairable systems", *12th , Iranian Statistical Conference, Kermanshah, Iran.*

6- Ahmadi, J and **Chahkandi, M.** (2014). Stochastic comparison of repairable systems, *11th International Conference on Ordered Statistical Data, Poland.*

7- **Chahkandi, M.** and Ahmadi, J. (2015). A Switch model in redundant systems. *1th Seminar of Reliability and its Applications*. Isfahan, Iran.

8- Chahkandi, M. and Toomaj, A. (2016). Measure of uncertainty in the residual lifetime of a coherent system. *2nd Seminar on Reliability Theory and its Applications.* Tehran, Iran.

9- **Chahkandi, M.** and Khorashadizadeh, M. (2016). Quantile-Based Expression of Dynamic Cumulative Residual Entropy. *13th , Iranian Statistical Conference, Kerman, Iran.*

10- Khorashadizadeh, M.   and **Chahkandi, M.** (2016). Quantile based Inaccuracy Measure. *13th , Iranian Statistical Conference, Kerman, Iran.*

11- Sadeghi, F. Yousefzadeh, F. and **Chahkandi, M.** (2016). Stochastic Orders Using Quantile-based Reversed Reliability Functions. *13th , Iranian Statistical Conference, Kerman, Iran.*

12- Setarehshenas, S. and **Chahkandi, M.** (2017). Modeling and Forecasting Mortality rate for Rasht population. *Modern Methods in Insurance Pricing and Industrial Statistics. (International conference). Bu Ali Sina University*. Hamedan. Iran. 80- 82.

13- Khaleghpanah Nooghabi, E. Rezaei, M. and **Chahkandi, M.** (2017). Comparison of coherent systems using reverse mean residual order. *The 3th seminar on reliability theory and its applications. Ferdowsi University of Mashhad*. Mashhad, Iran. 156-160.

14- **Chahkandi, M.** and Toomaj, A. (2017). Some results on the residual entropy of coherent systems. *The 3th seminar on reliability theory and its applications. Ferdowsi University of Mashhad, Mashhad, Iran.* 81-85.

15- Kamranfar, H., Etminan, J. and **Chahkandi, M.** (2018). STATISTICAL INFERENCE FOR A REPAIRABLE SYSTEM WITH WEIBULL DISTRIBUTION SUBJECT TO SHOCKS. *5th International Reliability and Safety Engineering conference, Shiraz, Iran.*

16- Kamranfar, H., Etminan, J. and **Chahkandi, M. (2018).** Statistical inference for a repairable system with Weibull distribution subject to Shocks. *The 4th seminar on reliability theory and its applications. Shiraz University. Shiraz, Iran.* 113-120.