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### **PROFESSIONAL PROFILE:**

Assistant Professor of Statistics in Shahid Chamran University (SCU) of Ahvaz.

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### **EDUCATION BACKGROUND:**

Ph.D: Mathematical Statistics (2017), University of Birjand, Birjand, Iran

Thesis title:

A Study of Multivariate Skew-Symmetric Distributions

MSc: Mathematical Statistics (2010), Razi University, Kermanshah, Iran

Dissertation title:

Entropy of Order Statistics and Current Record Values

BS: Statistics (2005), Razi University, Kermanshah, Iran

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### **HONOURS AND AWARDS:**

Postdoctoral position (2019), university of Atacama (UDA), Copiapo, Chile.

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### **INTERESTS AND RESEACH FIELDS:**

- 1- Distribution Theory, specially, multivariate skewed and heavy tail distributions.
- 2- Measurement error models.
- 3- Linear mixed effects models.
- 4- Dimension reduction, using projection pursuit.

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### **RESEARCH ACTIVITIES:**

PUBLICATIONS:

- 1) Kahrari. F., Rezaei, M., Yousefzadeh, F., Arellano-Valle, B. R. On the multivariate skew-normal-Cauchy distribution. *Statistics & Probability Letters*. (2016), (117), 80-88.
- 2) Kahrari. F., Arellano-Valle, B. R., Rezaei, M., Yousefzadeh, F. Scale mixtures of skew-normal-Cauchy distribution. *Statistics & Probability Letters*. (2017), (126), 1-6.

- 3) Kahrari, F., Arellano-Valle, B. R., Rezaei, M. Bias prevention of maximum likelihood estimates for skew-normal-Cauchy distribution. *Communication in statistics: Simulation and Computation*. Accepted and Proof. <https://doi.org/10.1080/03610918.2018.1489055>. (2018).
- 4) Kahrari, F., Ferreira, C. S., Arellano-Valle, B. R., Skew-normal-Cauchy linear mixed models. *Sankhyā B: The Indian Journal of Statistics* <https://doi.org/10.1007/s13571-018-0173-2> (2018).
- 5) Contreras-Reyes, J. E., Kahrari, F., Cortes, D. D. On the modified skew-normal-Cauchy distribution: properties, inference and applications. *Communication in statistics: Theory and Methods*. Accepted. (2019).

**RESEARCH PROJECTS:**

Multivariate Skew Distribution.

**PROFESSIONAL MEMBERSHIPS:**

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Iranian Association

**LANGUAGES:**

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Persian (Native)

English (Medium)