# RESUME

## NAHID SANJARI-FARSIPOUR,AlZAHRA UNIVERSITY

### PERSONAL DATA

**Name:** Nahid

**Family Name:** Sanjari-Farsipour

**Date Of Birth:** 20 ,10, 1959

**Place Of Birth:** Ahwaz, IRAN

**Citizenship:** Iranian

**Marital Status:** Single

#### **ADDRESS & TELEPHONE**

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**DEGREES:**

Ph.D (Statistics), 1994, Shiraz University; Shiraz Iran.

M. Sc. (Statistics), 1986, Shiraz University; Shiraz Iran.

B. Sc. (Statistics), 1984, Shiraz University; Shiraz Iran.

**POSITION:**

Professor,2008-Department of Mathematics, Alzahra University, Tehran, IRAN

Professor, 2006- Department of Statistics, Shiraz University, Shiraz, IRAN.

Associate Prof. 1994-2005

Assistant Prof.1990-1994

Instructor 1986-1990

Head of the Statistics Department at Shiraz University, 1997-2000

Spending Sabatical live at McGill University of CANADA at 2001-2002.

**TEACHING EXPERIENCES:**

Teaching various courses, Probability and Statistics, Sampling Techniques, Regression Theory, Multivariate Statistical Analysis, Linear Models, Biometry, Mathematical Statistics, Discrete Multivariate Analysis, Statistical Inference, Data Analysis, Bayesian Statistics.

**PUBLICATION:**

1. Optimum Test for Comparison of two Inverse Gaussian Shape Parameters. *Calcutta Statistical Association Bulletin,* 37, Sep. & Dec., 1998, Nos. 147-148, pp 233-236. (with A. Parsian)
2. 2. On the Minimaxity of Pitman Type Estimator Under a Linex Loss Fuction. *Communication in Statistics- Theory Meth.,* 1993, 22(1), 97-113. (with A. Parsian)

3-On the Admissibility and Inadmissibility of Estimators of Scale Parameters Using an Asymmetric Loss Function. *Communication in Statistics- Theory and Methods,* 1993, **22**(10) , 2877-2901.(with A. Parsian)

1. 4-Estimation of Parameters of Exponential Destribution in the Truncated Space Using Asymmetric Loss Function. *Statistical Papers,* 1997, 38,423-443. (with A. Parsian)

5-Estimating the Mean of Inverse Gaussian Distribution with Known Coefficient of Variation Under Entropy Loss. *Journal of Sciences,* IROI, 1997,8(1), 61-65.

1. 6-Ridge Estimation of Independent Normal Mean Under Linex Loss. *Pakistan Jounal of Statistics,* 1997, 13(3), pp 219-222.
2. 7-Estimating the Normal Despersion Matrix and the Precision Matrix Under Asymmetric Loss Function. *Proceeding of 28th AIMC, Tabriz University,* 1997, March 2831, pp 489-493.
3. 8-Estimation of the Parameters in the Fisher Nile’s Problem Under Entropy Loss Function. *Calcutta Statistical Association Bulletin,* 1996, 46, March & June, Nos. 181-182, pp 29-33.
4. 9-Estimation of the Parameters in the Fisher Nile’s Problem Under Entropy Loss Function. *Proceeding of 26th AIMC, Kerman University*, 1995, March 28-31, pp 369-371.
5. 10-Risk Unbiased Equivariant Estimation of a Common Normal Mean Vector Under Linex Loss Function. *Iranian Journal of Science & Technology,* 23, 2, 1999, pp 1-6.
6. 11-Equivariant Estimation of the Percentiles Under a Linex Loss Function. *Calcutta Stat. Assoc. Bulletin,* 48, 1998, pp 139-143.
7. 12-Some Aspects on Evaluating the Chosen Population. *Pakistan Journal of Statistics,* 14(3), 1998, pp 217-221.
8. 13-Estimation of the Mean of the Selected Population Using Asymmetric Loss Function. Metrika (1999), 50, 89-107. (with A. Parsian)
9. 14-Estimating *tr*( Σ ) and *det*( Σ ) Under Linex Loss Function. *Pak. J. Statist.* 1999, 15(2), 101-107. (with N. Abbasi)
10. 15-Estimation of the Pareto Parameter Under Entropy Loss. *Calcutta Statistical Association Bulletin,* 47, 1997, 153-166. (with A. Parsian)
11. 16-Admissible Estimates of Parameters in Truncated Space Under Linex Loss. Proceeding of the 30th Iranian International Conference on Mathematics, 1-4 July 1999, Ardabil.
12. 17-Bayes Estimation of the Parameters of a Douly Truncated Normal Distribution. *Jour. Inst. Maths. & Comp. Sciences,* 11(2), 2000, 149-157. (with A. Jahedi)
13. 18-Multiparameter Estimation in Truncated Power Series Distribution Under Weighted Square Error Loss. *ISTATISTIK/JTSA,* 2000, 3.(with A. Jahedi)
14. 19-Improving Upon Inadmissible Estimators in the Inverse Gaussian Distribution. Proc. *ICCS-VI,* *Lahore Pakistan.* August 27-31, 1999, 11, 201-205.
15. 20-On Improved Estimators of the Generalized Variance. Proc. of 53th Session of the *ISI, Seoul, Korea,* August 22-29, 2001, 1, 59-60.
16. 21-Improved Estimator of the Variance in the Linear Model. Proc. of *Caesar, Rome* 7-June-2001.
17. 22-Admissibility of Estimators in the Non-regular Family Under Entropy Loss Function. Statistical Papers, 44, 249-256, 2003.
18. 23-The Best Invariant Estimation in Multivariate Distributions. Pak. J. Statist., 19(2), 227-230, 2003.
19. 24-Improved Estimator of the Variance in the Linear Model. Journal of Science, IROI,13(3),267-269, 2002.
20. 25-Estimation of the Parameter of a Bernulli Distribution using a Balanced Loss Function. The Korean Communications in Statistics, 9(3), 889-899, 2002.(with A. Asgharzadeh)
21. 26-Bayesian Multivariate Normal Analysis under Balanced Loss Function. Pak. J. Statist. 19(2), 231-240, 2003.(with A. Asgharzadeh)
22. 27-On The Admissibility of Estimators of the Common Mean of Two Normal Populations Under Symmetric and Asymmetric Loss Function. South African Statisti. J. 36,39-54, 2002.(with A. Asgharzadeh)
23. 28-On the Estimation of the Pareto Parameter Under Entropy Loss Function. Journal of Applied Statistical Science, 11(1), 91-99, 2002.
24. 29-Pitman Nearness Comparison of Estimators of Parameters of Exponential Distribution in the Truncated Space. Journal of Applied Statistical Science. 11(3), 187-194, 2002.
25. 30-Admissibility of The Minimum Risk Scale Equivariant Estimator in The Problem of Nile. Calcutta Statistical Association Bulletin. 53, 253-259, 2002.
26. 31-Estimation of Scale Parameter in Continuos Population. Proc. Of the

6th International Statistics Conf. August 23-25, 2002, Tarbiat Modaress Univ.

1. 32-Consistency and Modeling Covariates in Multipath Change-Point Problems.Proc. of 7th Iranian Statistical Conf. Allameh Tabatabaie Univ.
2. 33-A Note on the U-Statistics. Pak. Journal of Statistics. Vol.20(2), 241-243, 2004.(with N. Abbasi)
3. 34-A Sample Coverage approach for estimating the size of the Population with application to death undercount. Koomesh, Journal of Semnan Univ. of Medical Science. Autumn 2003&winter 2004, Vol 5, No. 1&2, 37-44.(with E. Taghados, A. Kazemnejad, S. Faghihzadeh, A. Abadi)
4. 35-Admissible Estimation of a one parameter nonregular family of absolutely continuous distributions. Proc. 6th International Statistics conf. August 23-25, 2002. Tarbiat Modaress Univ.
5. 36-Estimation of a normal mean relative to balanced loss function. Statistical Papers , 2004, 45,279-286.(with A. Asgharzadeh)
6. 37-Minimax Estimation of a bounded binomial parameter. Pak. J. Statist., 2004, 20(3), 329-334.(with D. Ghazvininejad)
7. 38-Admissible Estimation in an one Parameter family of absolutely continuous distribution. Statistical Papers.
8. 39-Estimation of a Gamma Scale Parameter under Asymmetric Squared Log Error Loss. Comm. In Statist. 2005. (with H. Zakerzadeh)
9. 40-Sequential Point Estimation of a Function of the Scale Parameter in a New Family of Distributions. J. Prob. and Stat. Science, 4(2), 1-14, 2006.(with E. Mahmoodi)
10. 41-Estimation of the Exponential mean time to failure under a weighted balanced loss function. Statistical Papers, 2008, 49, 121-132.(with A. Asgharzadeh)
11. 42-Estimation of Generalized Variance under an asymetric Loss Function. Squared Log Error Loss. Communication in Statistics, Theory-Method, 35,571-581,2006.(with H. Zakerzadeh)
12. 43-On the Bayes Estimation of General Half Normal Distribution. Calcutta Statistical Association. 58,37-51, 2006. (with A. Rasouli)
13. 44-Minimax Estimation of Scale Parameter in a Family of Transformed Chi-Square Distribution under Asymetric Squaed Log Error and Mlinex losses. Journal of Science (IROI), 17(3), 253-258. 2008. (with E. Mahmoodi)
14. 45-Exact likelihood inference based on an unified hybrid cencored sample from the exponential distribution. Journal of Statistical Computation and Simulation,2008.78,475-488.

(With A. Rasouli and Balakrishna)

46. Estimation of the multivariate normal mean under the extended balanced loss function. International Journal of Statistics and Systems.3,(2),2008.(with A. Asgharzadeh).

47.

روش گرافیکی برای انتخاب بهینه کسر نمونه.اندیشه آماری –سال سیزدهم-شماره اول-68-75.(با اکرم فخاری

48-تجزیه تابع چگالی متقارن دو بعدی. اندیشه آماری-سال سوم-شماره دوم-52-55.(با هدیه جعفر پور)

49-ایجاد روشهای مقدماتی در استنباط توزیع گاما. اندیشه آماری-سال سوم شماره دوم-21-30.

50-Admissible estimates of parameters in truncated space under linex loss.Proc. of 30th Iranian International conference of mathematics. 1-4 july 1999.Ardabil.

51-Properties of Skew t-Normal distributionand modeling of shadegan wetland pollution data. Proceedings of the 10th Iranian statistical conference . Tabriz, iran, 164-174.2010.(with Kheradmandi and Mohammadzadeh)

52- Generalization of the skew t-normal distribution and their properties. Journal of science, IROI, 22(2),355-368(2010). (with Kheradmandi and Mohammadzadeh)

53-Properties of skew t-normal distribution and modeling of pollution dataof shadegan wetland. Journal of statistical sciences. 3(1),47-58, 2009.(with kheradmandi)

54-Conditional Maximum Likelihood and Interval Estimation for Tow Weibull Populations under Joint Type –II Progressive Censoring. Communications in Statistics- Theory and Methods, 40,2117-2135,(2011).

55-تعمیمی از توزیع چوله تی نرمال و مدل بندی میزان آلودگی به نیکل در تالاب شادگان. نشریه علوم دانشگاه تربیت معلم. . (با محسن محمد زاده و آمنه خردمندی) و1391و2011

56-.مقایسه میانگین مربعات خطا در میان برآوردگرهای واریانس با ضریب تغییرات معلوم در توزیع چوله – نرمال. (2015) مجله گستره آماری ,سال اول ,شماره اول ,پاییز 94,44-48.(با نجمه رشیدی و آرش پیشدست)

57-Bayesian Estimation of P(X>Y) based on Record data.(2013) Submitted (با هاجر ریاحی)

58-برآورد پارامترهای توزیع کاپا به روش بیز و ماکسیمم درستنمایی با استفاده از تقریب لیندلی تحت تابع زیان های متقارن و نامتقارن .(2013)submitted(با زینب روحی)

59-Best Equivariant Estimator of Extream Quantiles in the Multivariate Lomax Distribution. (2015) Open Journal of Statistics, 5,350-354.

60-Estimation of Scale Parameter under a Bounded Loss Function. (2016) Journal of Sciences IROI.

61-Bayes and Invariant Estimation of Parameters under a Bounded Asymmetric Loss Function.(2016) International Journal of Applied Mathematics & Statistical Sciences.

62-Estimating the Common Mean of k Normal populations with Known Variance. (2017) International Journal of Statistics and Probability, 4(8). 1-6.

##### PROFESSIONAL SOCIETIES & HONORARIES

1. Iranian Mathematical Society
2. Iranian Statistical Society
3. American Statistical Society

##### DESSERTATION DIRECTED

###### Directed of 8 Ph.D. Thesis & 25 M.S. Thesis

Books

1-مقدمه ای بر بررسی های نمونه ای-نویسندگان شیفر-مندنهال-آت. مترجمان ارقامی-سنجری-بزرگ نیا

2-روش های چند متغیره پیوسته. عباسی- سنجری-یار محمدی

Activities

پنج دوره عضو هیئت مدیره انجمن آمار ایران-1 دوره سردبیر مجله اندیشه آماری-1 دوره عضو هیئت تحریریه مجله ندا-1 دوره عضو کمیته علمی مسابقات دانشجوئی-4 دوره پزوهشگر برگزیده دانشگاه های شیراز و الزهرا.