Rahim Chinipardaz
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Birth of day:
23 July 1958

Ms.C:
Graduate in 1988
Tarbiat Moddares University
Title of thesis:
Lindley Paradox in Exponential Family (in persian)

Ph.D:
Graduate in 1996
Newcastle upon Tyne University
Title of thesis:
Discriminant Analysis of Time Series Data

Published paper in English:
1- Chan, H. T., Chinipardaz, R. and Cox, T. F. (1996)," Discrimination of AR, MA
 and ARMA time series models," *Comm. Stat.- Theory and Method,* 25(**6**), 1247-1260. (**ISI**)

2- Ghafourian Boroujerdnia, M. and Chinipardaz, R. (1998), "Early pregnancy decidua as a source of TGF &," *Iranian Journal of Medical Sciences,* **3** & **4,** 99-104.

3- Ghafourian Boroujerdnia, M. and Chinipardaz, R. (1999), "Immunosupression in human uterine tissues throughout the reproductive cycle," *Medical Journal of the Islamic Republic of Iran*, **13(3):** 225-230.

4- Ghafourian Boroujerdnia, M. and Chinipardaz, R. (1998), "Prostaglandin E2 in soluble factor-mediated immune suppression by first trimaster decidual cells," *Iranian Biomedical Journal,* **3(1,2)**, 41-45.

5- Chinipardaz, R. (2000), "Discriminant analysis in AR(1) plus noise processes " *Iranian Journal of Science Technology,* **24(2**): 165-172 (**ISI**)

6- Chinipardaz, R. (2001), "A CUSUM approach to discrimination of gaussian time series models," *Journal of Science of the University of Tehran*, **2(1),** 65-82.

7- Chinipardaz, R. (2002), "Diagonalisation of the ARMA stationary Autocovariance Matrices, " *Scientia Iranica*, 9(**2),** 133-138.

8- Ghafourian Boroujerdnia, M. and Chinipardaz, R. (2002), "Immunopathological Aspects of Decidual Tissues in Women with First-Trimester Recurrent Spontaneous Abortion," *Iranian Journal of Medical Sciences,* 26(**3 & 4)**, 120-126.

9- Ghafourian Boroujerdnia, M. and Chinipardaz, R. (2002), "Endometrial Granulated Lymphocytes in Women Suffering Spontaneous Early Pregnancy Loss," *Iranian Biomedical Journal,* 6(2 & 3), 88-90.

10- Chinipardaz, R. and Noorbaloochi, S. (2003), "The reconcilability of P-values and posterior probability in nonregular distributions, *Far East Journal of Theoretical Statistics,* 10(2), 111-122.

11- Chinipardaz, R. (2003), "The Discrepancy of P-values and Posterior Probability in Poisson Distribution," *Pakistan Journal of Statistics,* 19(3), 301-313.

12- Chinipardaz, R. and Cox, T. F. (2004), Nonparametric Discrimination of Time series, *Metrika*, 59, 13-20, (**ISI**).

13- Chinipardaz, R. (2004), Discrimination in seismology based on autocovariances, *Far East Journal of Theoretical Statistics,* 12(1), 101-115.

14- Chinipardaz, R. and Cox, Trevor (2004), The Inverse of Covariance matrices for the ARMA(p.q) class of Processes, *Iranian Journal of Science and Technology,* Trans. A, Vol.28, No. A2, 1-8, (**ISI**).

15- Chinipardaz, R. and Latifi, S. M. (2006), Time series discriminant analysis of AR(p) plus noise processes: a time domain approach, Advances and Application in Statistics, 6(2), 129-144

16- Mehri Ghafourian Boroujerdnia, Fathemah Ghalambor Dezfuly, Nepton Emad Mosthophy and Rahim Chinipardaz (2006), Expression of VLA1, VLA2 and VLA3 Integrin Molecules in Uterine Endometrium of Infertile Women with Unexplained Aetiology in Ahwaz_Iran, *Iranian Journal of Immunolog*, 3(4),157-162.

17- Zahra Hosseinzadeh, Ahmad Ali Moazedi and Rahim Chinipardaz (2007), The Effect of Palmitic Acid on Spatial Learning and Extinction in Adult Male Rate, Pakistan Journal of Biological Science, 1-6 (**ISI**).

18- Alavi, S. M. R. and Chinipardaz, R. (2007), The Dependence Structure in Bivariate Weighted Distributions, *Far East Journal of Theoretical Statistics,* 23, 1, 19-29

19- A. A. Moazedi, Z. Hosseinzadeh and R. Chinipardaz (2007), The Effect of Coadministration Palmitic Acid and Oleic Acid (Omega 9) on Spatial Learning and Motor Activity in Adult Male Rate, Pakistan Journal of Biological Science, 10 (20): 3650-3655 (**ISI**).

20- A. A. Moazedi, S. Ehsani Vostacolaee and R. Chinipardaz (2008), Effect of Oral Aluminum Chloride Adminstration During Lactation on Shprt and Long-Term Memory of Their Offspring, Journal of Biological Science, 767-772 (**ISI**)

21- Chinipardaz, R. and Abtahi, A. (2008), "Testing a Point Null Hypothesis: The Comparison of P-values and Bayesian Evidence in Multivariate Normal Distribution," *Pakistan Journal of Statistics,* 24(2), 123-133.

22- Haghigahat Jou, P., Akhooond-Ali, A. M., Behnia, A. and Chinipardaz, R. (2008), Parametric and Nonparametric frequency Analysis of Monthly Precipitation in Iran, Research Journal of Environmental Sciences, 8(18), 3242-3248. (ISI) , (**ISI**).

23- Haghigahat Jou, P., Akhooond-Ali, A. M., Behnia, A. and Chinipardaz, R. (2009), A Comparison of Parametric and Nonparametric Density Functions for Estimating Annual Precipitation in Iran, Research Journal of Environmental Sciences, 3(1): 62-70 (**ISI**).

24 - Alavi, S. M. R. and Chinipardaz, R. (2009), Form-invariant under weighted sampling, Statistics, 43(1): 81-90 (**ISI**),

25- Chinipardaz, R. (2008), Discriminant Analysis in Bilinear Processes using State Space Methology, Journal of Mathematical Extension, 2(1,2), 25-44.

26- Alavi, S. M. R., Chinipardaz, R. and Rasekh, R. (2009), Hypothesis Testing in Weighted Distributions, Journal of Mathematical Extension, 3, 1, 55-70.

27- Bazyari, A., Chinipardaz, R. and Rasekhi, A. A. (2011), Likelihood Ratio Test for Order Restrictions against all Alternative in Multivariate Normal Distribution, 6 (1), 41-56

28- Alavi, S. M. R., Chinipardaz, R (2011), A Useful distribution for Symmetric and Biomodal Data, Pioneer Journal of Theoretical and Applied Statistics 1,1, 25-41.

29- Mansouri, B., Chinipardaz, R. and Parham, G. A. (2010), Discriminant Anaysis in AR(p) Plus Different noises Processes, Iranian Journal of Science & Technology, Transaction A, Vol. 34, No. A2, 139-150. (**ISI**).

30- Bazyari, A., Chinipardaz, R. (2012), A Test for Order Restriction of Several Multivariate Normal Mean Vectors against all Alternatives when the Covariance Matrices are Unknown but Common, JSTA, (accepted).

31- Bazyari, A., Chinipardaz, R. (2012), A Test for Order Restriction of Several Multivariate Normal Mean Vectors Against All Alternatives when Covariance Matrices Are Unknown But Common, Journal of Statistical Theory and Applications, 11, 23-45.

32- Bazyari, A., Chinipardaz, R. (2013), Upper Bound for p-value of the Test for multivariate Normal ordered Mean Vectors against all Alternatives, *Comm. Stat.- Theory and Method,* (ISI), 42: 1748-1758.

33- Sadegi Nasab, SM, Nabavi, SM., Savari, A, Yavari, SM, Chinipardaz, R. (2011), Secondary production of Pisidia sp, in Salakh Region, Qeshm Islan, Iran, World Journal of Fish and Marine Sciences, 3(3): 201-205

34- Ghaforian, M., Keikhaei, B., Mohseni, A.R. and Chinipardaz, R. (2014), The Effect of Hydroxyurea on the Expression of White Blood Cell Adhesion , Molecules in Patients with Sickle Cell Disease, Research Journal of Pharmaceutical, Biological and Chemical Sciences, 5(5), 75-80

35- Mohammadi Basatini, F. and Chinipardaz, R. (2014), Softmax Model as Generalization upon Logistic Discrimination Suffers from Overfitting, *Journal of Data Science*, vol. 12 (4), 563-574.

36- Yeganegi, MR, Mansouri, B. and Chinipardaz, R. (2015), Discrimination and Clustering of earthquakes and explosion based on NDWT, Communication in Statistics, Case Studies, Data Analysis and Applications,1(1), 1:8.

37- Rekabdar, G, Chinipardaz, R. and Mansouri, B. (2016), Estimation Misclassification Probabilities for the Quadratic Discriminant Funaction by Saddlepoint Approximation, International Journal of Applied Mathematics and Statistics, 54 (1):---(online)

38- Chinipardaz, R. and Mehri, K. (2016), Comparison between Significance and Bayesian Tests for two-sided hypotheses: Pareto distribution with presence of nuisance parameter, Communications in Statistics, Theory and Metods, 45(8), 2438-2449.

39- Mansouri, B. and Chinipardaz, R. (2017), Asymptotic Information Measures Discrimination of Non-Stationary Time Series based on Wavelet Domain, Revista Colombia de Estadistica, 39 (1), 81-95

40 - Kamranfar, H., Chinipardaz, R. and Mansouri, B. (2016), Detecting outliers in GARCH(p,q) models,*Communications in Statistics, Simulations and Conputation, -----*
In press

41- Rekabdar,G., Chinipardaz, R. and Mansouri, B. (2015), On approximating distribution of the quadratic discriminant function, Communication in Statistics, Simulation and Computation, 46(5), 3614-3626

42 Rasekhi, M.m Chinipardaz, R. and Alavi, S.M.R. (2016), A flexible generalization of the skew normal distribution based on a weighted normal distribution**,** *Statistical Method and Applications*, **25(3)**, 375-394.

43- Chinipardaz, R., Fallahifard, B. and Akhoond, MR. (2016), The Discrepancy of P-values and Posterior Probability: Two-sided Hypothesis of Variance of Normal Distribution with Unknown Mean, Communications in Statistics, Theory and Method, 46(11):5545-5555.

44- Gharibzadeh, S, Gharibzadeh, S, Alavi, SM, Chinipardaz, R. and Ghafourian, M. (2016), Mapping Tuberculosis Incident Using Mixture Distribution in Khuzestan Province, Iran, Research Journal of Pharmaceutical, Biological and Chemical Science, 7(4), 1129:1135.

45- Karimzadeh, R., Asghari, A, Chinipardaz, R., Soflian, O. and Ghaffari, A. (2016), Determining yield Statbility and Model Selection by AMMI Method in Rain-Fed Duram Wheat Genotypes, Turkish Journal of Field Crops, 21(2), 174-183

46- Yeganegi, M,R. and Chinipardaz, R. (2016), On the Ergodicity of General of Linear Autoregressive Time Series, Iranian Journal of Science and Technology (A), 41(2), 293-299.

47- Karimzadeh, R. Asghari, A., Chinipardaz, R. Sofalian, O. and Ghaffari, A. (2016), Applications of GGE biplot analysis to evaluate gain yield stability of rainfed spring durum wheat genotypes and locaions by climatic factors in Iran, *Crop Breeding Journal* , **4 and 5(6)**,

48- Rasekhi, A., Hamedani, G., and Chinipardaz, R. (2017) A Flexible Extension of Skew Generalized Normal Distribution, *Metron*, 87(1), 87:107

49-Chatrabgoun, O, Parham, G. and Chinipardaz, R. (2017), A Legendre multivariates approach to copula density, Statistical Papers, 58: 673-690.

50- Ghorbanpour, S., Chinipardaz, R. and Alavi, SMR (2018), Fisher information in exponential-weighted location-scale distributions, *Communications in Statistics- Theory and Methods*, 47(9), 2213-2226.

52- Alimouri, P., Moradi, S. and Chinipardaz, R. (2017), Updating finite element model using frequency domain decomposition method and bees algorithm, *Journal of Computational Applied Mechanics,* 48(1), 75-88.

53- Ghafourian, M., Ashtary-Larky, D., Chinipardaz, R. Eskandary, N. and Mehavaran, M. (2016), Inflammatory Biomarkers' Response to Two Different Intensities of a Single Bout Exercise Among Soccer Players, *Iranian Red Crescent Medical Journal,* 18(2), DOI: 10.5812/ircmj.21498

54- Rekabdar, G. and Chinipardaz, R. (2017), Approximating the Distribution of Indefinite Quadratic Forms in Normal Variables by Maximum Entropy Density Estimation. Journal of Modern Applied Statistical Methods, 16(2), 359-377.

55- Alimouri, P., Moradi, S. and Chinipardaz, R. (2017), Updating finite element model using stochastic Subspace Identification method and Bees Optimization Algorithm, Latin American journal of Solid and Structures,

56- Ghorbanpour, S. and Chinipardaz, R. and Alavi, SMR. (2018), Form –Invariance of the Non-Regula Expoenential Family of Distributions, Revista Colombiana de Estadistica, 41(2), 157-172.

57- Karimzadeh, R., Asghari, A., Chinipardaz, R., Sofalian, O., Ghaffari, A., Shahbazi, K., Hosseinpour, T., Ghojog, H. and Armion, M. (2019), Use of principal coordinate analysis for measuring GE interactions in rain-fed durum wheat Genotypes, *Journal of Agricultural Sciences*, 25(2), in press

57-Mohammadinia, F. and Chinipardaz, R. (2018), combining Bayesian method and Kalman smoother for detection additive outlier patches in autoregressive time series, Communications in Statistics-Simulation and Computation, in press, http;//doi.org/10.1080/03670918.2018.1438618.

Also 51 papers in Persian

Projects:

Students:
Graduate Ph.D:
1. Alavi, S.M.R. (2008)
2. Mansouri, B. (2010)
3. Bazyari, A. (2011)
4. Yeganegi, M.R. (2015)

5. Rekabdar, G.(2015)
6. Rasekhi, M. (2015)
7. Karimzadeh, R.(2016)
8. Gorbanpour, S. (2017)
9. Mohammadinia, F. (2018)

Ms.C:
1. Yagoubi, R. (1397),
2. Maniei, R. (1398),
3. Pordel, A.R. (2000),
4. Khanzadeh, F. (2001),
5. Abtahi, A. (2012),
6. Rekabdar, G. (2004),
7. Shafiei Babaei, S. (2004),
8. Zolgegari, P. (2005),
9. Delazimi, F. (2005),
10. Pejman, M. (2005),
11. Gasemi, AH. (2006),
12. Mohamadi Basatini, F. (2005),
13. Seidkhani, H. (2006),
14. Babadi, M. (2007),
15. Mirabdelazimi, S.H. (2008),
16. Yeganegi, M.R. (2009),
17. Mokhtari, E. (2010),
18. Sadathosseini, Z. (2010),
19. Kamranfar, H. (2011),
20. Rasta, R. (2010),
21. Samiei (2010),
22. Saeidi, L. (2011),
23. Doumani, M. (2011),
24. Dehganian, R. (2012),
25. Kooravand, N. (2012),
26. Mehri, K. (2012),
27. Zabihi, R. (2013) ,
28. Salehi, L. (2013),
29. Azadi, M. (2013),
30. Bandanisoosan, E. (2015),
31. Habibollahi, S. (2015),
32. Falahifard, B. (2015),
33. Zahmatkesh, S. (2015),
34. Azizian, A. (2015),
35. Farhadi, E. (2016),
36. Farahi, Z. (2016),
37. Keshvarian Azad, G. (2017),
38. Paybast, A. (2017),
39. Darakhshanimehr, S. (2017),
40. Mergan (2019)

Current Ph.D Students:
1. Sharifipanah, joint with Parham, G.H.
2. Shalbaf, M. joint with Parham, G.H.
3. Shasanaei, F.
4. Farokhinia

Teaching Experience

Undergraduate level:
* Elementary Statistics
* Probability and Statistics (1)
* Elementary Statistical Methods
* Design of Experiments I
* Probability I & II
* Mathematical Statistics I & II
* Time Series I
* Statistics in Biology
* English Language for Statistics
* The History of Statistics
*

Postgraduate level:
* Statistical Inference II
* Advanced Statistical Inference II
* Time Series II
* Advanced Time Series
* Theory of Probability

Books:
* The Elementary Probability (2003)
* The Advanced Probability (2011)
* The Advanced Probability, 2th Edition (2016)
* The History of Probability and Statistics (2011)
* Statistical Analysis with SPSS Software (2005) with Mehralizadeh, Y.