



Hamed Ahmadzade

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Education

- ✓ B.Sc, Statistics, Ferdowsi University of Mashhad - 2006
- ✓ MS, Statistics, Isfahan University of Technology - 2010
- ✓ PhD, Statistics, Ferdowsi University of Mashhad - 2014

Courses

1. Bayesian statistical

2. Probability1

Master Thesis

1. Two Parameter Generalized Entropy for Random Variables and Its Applications

حليمه شيخ [Hamed Ahmadzade]

نیمسال دوم سال تحصیلی 1401

2. Statistical approach of income inequality indices (case study: Sistan and Baluchestan)

فاطمه نارویی ایرانی [Hamed Ahmadzade, Hassan Zarei, Seyed Mahdi Amir Jahanshahi, Mehdi Jafari, Fatemeh Hassantabar Darzi]

نیمسال دوم سال تحصیلی 1401

3. Two Parameter Generalized Entropy for Random Variables and Its Applications

حليمه شيخ [Hamed Ahmadzade]

نیمسال اول سال تحصیلی 1401-1402

4. Studying Distribution of Maximum and Minimum of a Random Number of Bounded Random Variables

شفایق پورخسروی [Hamed Ahmadzade, Mehdi Jafari]

نیمسال اول سال تحصیلی 00-01

5. Likelihood Estimators of Survival Function under Right-Censor, Left-Truncation and its application in Urgency Pre-hospital Emergency

غلامرسول رجایی [Mohammad Hossein Dehghan, Hamed Ahmadzade]

نیمسال دوم سال تحصیلی 95-96

Journals Papers

2025

1. Extropy: Dual of entropy for uncertain random variables and iIts applications

Gang Shi, Yuhong Sheng, Hamed Ahmadzade, Saeid Tahmasebi

Journal of Industrial and Management Optimization Volume: (21) 4025 - 4040

2. Negative cumulative extropy of uncertain variables with applications

Saeid Tahmasebi, Hojat Ghimatgar, Hamed Ahmadzade

COMMUNICATIONS IN STATISTICS-THEORY AND METHODS Volume: (54) 3135 - 3148

3. The Impact of Knowledge Management on Business Performance with Emphasis on the role of accounting information quality (Case study: financial institutions listed on the Tehran Capital Market)

Rahleh Meshaikehi, Ahmad Pifeh, Hamed Ahmadzade

Volume: (8) 53 - 77

4. Mean-variance-skewness portfolio optimization with uncertain returns via co-skewness

Jinwu Gao, Haomiao Hu, Zezhou Zou, Hamed Ahmadzade

SOFT COMPUTING Volume: (29) 4233 - 4246

5. Exponential entropy of uncertain sets and its applications to learning curve and portfolio optimization

Chongguo Wang, Gang Shi, Yuhong Sheng, Hamed Ahmadzade

Journal of Industrial and Management Optimization Volume: (21) 1488 - 1502

2024

6. Tsallis entropy of uncertain sets and its application to portfolio allocation

Hua Zhao, Hamed Ahmadzade, Mohammad GhasemiGol

Journal of Industrial and Management Optimization Volume: (20) 2885 - 2905

7. Uncertain maximum benefit about chinese postman problem

Samira Samanifar, Hamed Ahmadzade, Hassan Mishmast Nehi

Journal of Uncertain Systems Volume: (17) 2450009 - 2450034

8. A simulated annealing algorithm for quay crane scheduling and sssignment problem under uncertain conditions

Sima Sargazi, Hamed Ahmadzade, Hassan Mishmast Nehi, Jafar Sayareh

Journal of Uncertain Systems Volume: (17) 1 - 29

9. Windy postman problem under uncertainty

Samira Samanifar, Hamed Ahmadzade, Hassan Mishmast Nehi

Journal of Uncertain Systems Volume: (17) 1 - 19

2023

10. Mean-Gini portfolio selection with uncertain returns

Feng Gao, Hamed Ahmadzade, Rong Gao, Zezhou Zou

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS Volume: (44) 7567 - 7575

11. Partial Gini Coefficient for Uncertain Random Variables with Application to Portfolio Selection

Lifeng Wang, Jinwu Gao, Hamed Ahmadzade, Zezhou Zou

Mathematics Volume: (11) 3929 - 3947

2022

12. Uncertain random portfolio optimization via semi-variance

Guangquan Cheng, Hamed Ahmadzade, Mehran Farahikia, Masoud Yarmohammadi

International Journal of Machine Learning and Cybernetics Volume: (13) 2533 - 2543

13. Semi entropy of uncertain random variables and its application to portfolio selection

Jin-wu GAO, Hamed Ahmadzade, Mehran Farahikia

Applied Mathematics-A Journal of Chinese Universities Series B Volume: (37) 383 - 395

14. Portfolio Optimization of Uncertain Random Returns based on Partial Exponential Entropy

Jin Liu, Hamed Ahmadzade, Hassan Zarei

Journal of Uncertain Systems Volume: (15) 1 - 12

15. Bootstrap approach in hypothesis testing of variance for fuzzy random variables

Azam Shahraki, Mohammad Hossein Dehghan, Hamed Ahmadzade

Journal of Fuzzy Systems and Applications Volume: (4) 187 - 204

16. Providing a model of internal control system to reduce financial violations and improve administrative health in Guilan Social Security Organization

seyed hamidreza mirbagheri, Mahdi Faghani, Hamed Ahmadzade

International Journal of Finance and Managerial Accounting Volume: (7) 173 - 185

2021

17. Portfolio selection of uncertain random returns based on value at risk

Yajuan Liu, Hamed Ahmadzade, Mehran Farahikia

SOFT COMPUTING Volume: (25) 6339 - 6346

18. Tsallis entropy of uncertain random variables and its application

Zhenhua He, Hamed Ahmadzade, Kamran Rezaei, Hassan Rezaei, Habib Naderi

SOFT COMPUTING Volume: (25) 11735 - 11743

19. A risk index to find the optimal uncertain random portfolio

Rouhollah Mehralizade, Mohammad Amini, Bahram Sadeghpouramp;nbsp;Gildeh, Hamed Ahmadzade

SOFT COMPUTING Volume: (25) 9789 - 9810

20. Convergence in Distribution for Uncertain Random Sequences with Dependent Random Variables

Rong Gao, Hamed Ahmadzade

Journal of Systems Science and Complexity Volume: (34) 483 - 501

21. A new measure of indeterminacy for uncertain variables with application to portfolio selection

Jin Liu, Jinsheng Xie, Hamed Ahmadzade, Mehran Farahikia

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS Volume: (40) 5289 - 5293

22. Estimation of Logistic Regression Model Parameters Using Generalized Maximum Entropy

Mahsa Markani, Manije Saneitabas, Habib Naderi, Hamed Ahmadzade, Javad Jamalzadeh

Volume: (26) 1 - 8

2020

23. Covariance of uncertain random variables and its application to portfolio optimization

Hamed Ahmadzade, Rong Gao

Journal of Ambient Intelligence and Humanized Computing Volume: (11) 2613 - 2624

24. On the Dispersion Measures of Complex Uncertain Random Variables

Guangquan Cheng, Yanghe Feng, Hamed Ahmadzade

IEEE Access Volume: (8) 135700 - 135705

25. Uncertain random portfolio selection based on risk curve

Rouhollah Mehralizade, Mohammad Amini, Bahram Sadeghpour Gildeh, Hamed Ahmadzade

SOFT COMPUTING Volume: (24) 13331 - 13345

26. Partial similarity measure of uncertain random variables and its application to portfolio selection

Rong Gao, Hamed Ahmadzade, Kamran Rezaei, Hassan Rezaei, Habib Naderi

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS Volume: (39) 155 - 166

27. Partial divergence measure of uncertain random variables and its application

Hamed Ahmadzade, Rong Gao, Habib Naderi, Mehran Farahikia

SOFT COMPUTING Volume: (24) 501 - 512

28. استفاده از مدل بی ثبات نرخ خطر متناسب در تحلیل داده های واقعی

Mohammad Molanouri, Habib Naderi, Hamed Ahmadzade, Salman Izadkhah

Volume: (25) 25 - 31

2019

29. A version of the Kolmogorov-Feller weak law of large numbers for maximal weighted sums of random variables

Habib Naderi, P. Matuza, M. Amini, Hamed Ahmadzade

COMMUNICATIONS IN STATISTICS-THEORY AND METHODS Volume: (48) 4514 - 4518

30. Covariance and Pseudo-Covariance of Complex Uncertain Variables

Rong Gao, Hamed Ahmadzade, Mojtaba Esfahani

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS Volume: (36) 241 - 251

2018

31. Some limit theorems on uncertain random sequences

- -, Dan Chen, Hamed Ahmadzade, Rong Gao

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS Volume: (34) 507 - 515

32. On the convergence of complex uncertain random sequences

Hamed Ahmadzade, Rong Gao, Habib Naderi

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS Volume: (35) 2459 - 2467

33. Complex uncertain random variables

Rong Gao, Zhiqiang Zhang, Hamed Ahmadzade, Dan A. Ralescu

SOFT COMPUTING Volume: (22) 5817 - 5824

34. Partial triangular entropy of uncertain random variables and its application

Hamed Ahmadzade, Rong Gao, Mohammad Hossein Dehghan, Reza Ahmadi

Journal of Ambient Intelligence and Humanized Computing Volume: (9) 1455 - 1464

35. Reversed hazard function of uncertain lifetime

Hamed Ahmadzade, Rong Gao

Fuzzy Optimization and Decision Making Volume: (17) 387 - 400

36. FURTHER RESULTS OF CONVERGENCE OF UNCERTAIN RANDOM SEQUENCES

Rong Gao, Hamed Ahmadzade

Iranian Journal of Fuzzy Systems Volume: (15) 31 - 42

37. Chance Order of Two Uncertain Random Variables

rouhollah Mehralizade, Mohammad Amini, Bahram Sadeghpour, Hamed Ahmadzade

Journal of Uncertain Systems Volume: (12) 105 - 122

2017

38. On the convergence of uncertain random sequences

Hamed Ahmadzade, Yuhong Sheng,

Fuzzy Optimization and Decision Making Volume: (16) 205 - 220

39. SOME RESULTS OF MOMENTS OF UNCERTAIN RANDOM VARIABLES

Hamed Ahmadzade, Yuhong Sheng, Fatemeh Hassantabar Darzi

Iranian Journal of Fuzzy Systems Volume: (14) 1 - 21

40. Partial entropy of uncertain random variables

Hamed Ahmadzade, - -, Mohammad Hossein Dehghan, Yuhong Sheng

JOURNAL OF INTELLIGENT and FUZZY SYSTEMS Volume: (33) 105 - 112

41. SOME PROBABILISTIC INEQUALITIES FOR FUZZY RANDOM VARIABLES

Hamed Ahmadzade, - -, ,

Iranian Journal of Fuzzy Systems Volume: (14) 119 - 134

2016

42. MAXIMAL INEQUALITIES AND SOME CONVERGENCE THEOREMS FOR FUZZY RANDOM VARIABLES

Hamed Ahmadzade, - -, ,

KYBERNETIKA Volume: (52) 307 - 328

43. Partial Quadratic Entropy of Uncertain Random Variables

Hamed Ahmadzade, - -, Hassan Zarei

Journal of Uncertain Systems Volume: (10) 292 - 301

44. Moment Analysis of Uncertain Stationary Independent Increment Processes

- -, Hamed Ahmadzade

Journal of Uncertain Systems Volume: (10) 260 - 268

2015

45. Further Results for a General Family of Bivariate Copulas

, Hamed Ahmadzade,

COMMUNICATIONS IN STATISTICS-THEORY AND METHODS Volume: (44) 3146 - 3157