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Curriculum Vitae

1. Study and Work Experience

1984,2-1988,6 B.Sc., Dept. of Statistics, School of Sciences, Ferdowsi University, Mashhad, Iran

1988,9-1991,5 M.Sc., The same above

Title of M.Sc. Thesis: “Applications of Fuzzy Set Theory in Probability and Statistics”.

1991,9-1992,2 Lecturer, Dept. of Mathematics, Sabzevar University, Sabzevar, Iran

1992,2-1993,6 Lecturer, Dept. of Statistics, School of Sciences, Ferdowsi University, Mashhad, Iran

1993,9-1995,9 Lecturer, School of Mathematical Sciences, Isfahan University of Technology, Isfahan, Iran

1995,9-2000,1 Ph.D., Dept. of Statistics, School of Sciences, Shiraz University, Shiraz, Iran

Title of Ph.D. Thesis: “Testing Fuzzy Hypotheses”.

2000.2 - 2005.11 Assistant Professor, School of Mathematical Sciences, Isfahan University of Technology, Isfahan, Iran

2005.11 - 2010.9 Associate Professor, The same above

2010.9 - 2012.9 Associate Professor, Department of Statistics, School of Mathematical Sciences, Ferdowsi University of Mashhad, Mashhad, Iran (Guest Researcher)

2012.9 – 2016.9 Associate Professor, School of Engineering Science, College of Engineering, University of Tehran, Tehran, Iran

2016.9 - Present Professor, School of Engineering Science, College of Engineering, University of Tehran, Tehran, Iran

Also:

1999.5-2000.1 Visiting Scholar, Dept. of Statistics, University of British Columbia, Vancouver, Canada

2002.7-2002.8 Research Scholar, International Centre for Theoretical Physics (ICTP), Trieste, Italy

2004.7-2004.8 Research Scholar, ICTP, Trieste, Italy

2009.9-2010.7 Sabbatical, Institute of Probability and Statistics, Wien University of Technology, Wien, Austria

2. Teaching Subjects

2.1 Undergraduate Level:

Statistical Methods
Probability and Its Applications
Mathematical Statistics (I, II)
Sampling Techniques (I, II)
Stochastic Processes
Bayesian Statistics
Engineering Probability and Statistics
Discrete Statistical Methods
Operational Research (I)
History of Mathematics
Fuzzy Set Theory
Fuzzy Logic
Philosophy of Science
Elementary Decision Theory

2.2 Graduate Level:

Statistical Inference (Estimation)
Statistical Inference (Testing Hypothesis)
Fuzzy Sets and Fuzzy Logic
Topics in Fuzzy Statistics
Topics in Statistical Decision Theory
Advanced Topics in Bayesian Statistics
Applied Engineering Statistics
Applied Statistics (for Management)
Advanced Probability
Soft Computing
Research Methods
Statistics for Engineering Education

3. Awards

- 1) Award as one of the 22 top selective universities students during the educational year 97-98, Ministry of Sciences and High-Educations, Iran.
- 2) Award as one of the 10 top selective Shiraz University students during the educational year 98-99, Shiraz, Iran.
- 3) Award for writhing the book "An Introduction to Fuzzy Set Theory", as one of the selective universities books in year 1997, Tehran, Iran.
- 4) Award as one of the 6 top selective researchers at Isfahan University of Technology in year 2005, Isfahan, Iran.
- 5) Award as one of the 10 top selective researchers in Isfahan Province, Iran, in year 2005.
- 6) Award as one of the 11 top selective researchers at Isfahan University of Technology in year 2008, Isfahan, Iran.

4. Research Interests

Statistical Inference, Statistical Analysis for Fuzzy Data, Bayesian Statistics, Modeling in Non-Precise Environments, Philosophy of Science, Evidential Statistics.

5. Research Projects

[1] Research on some hydrological characteristics of the south west of Iran, Isfahan University of Technology (Jehad-e Daneshgahi), 1987,2 - 1987,9.

[2] Research on the educational situation of Ferdowsi University students, Ferdowsi University, 1992,9 - 1993,2.

[3] Research on c-fuzzy numbers, Isfahan University of Technology, 1994,9 - 1995,8.

[4] Research on fuzzy hypothesis testing (joint, with J. Behboodian), Isfahan University of Technology, 2001,9 - 2002,8.

[5] Research on sequential approach on hypothesis testing with fuzzy data, Isfahan University of Technology, 2002,9 - 2003,8.

[6] Research on the consumption of energy in Iranian households (joint with a group of 5 researchers), Isfahan University of Technology and Ministry of Energy, 2002,9 - 2003,5.

[7] Research on extending pedotransfer functions by applying some fuzzy regression models (joint with J. Mohammadi), University of Shahrekord, 2003,9 - 2004,8.

[8] Research on estimating the prevalence of a disease, subject to misclassification (joint with A. Zeinal), Isfahan University of Technology, 2004,12 - 2005,6.

[9] Evaluation of cloud seeding projects (as a member of a group in *Water Institute, University of Tehran*), University of Tehran, 2015,6 - 2016,5.

6. Publications (In English)

6.1 Journal Papers:

[1] Taheri, S.M., Behboodian, J. (1999), Neyman-Pearson Lemma for fuzzy hypotheses testing, *Metrika*, **49**: 3-17.

[2] Taheri, S.M., Behboodian, J. (2001), A Bayesian approach to fuzzy hypotheses testing, *Fuzzy Sets and Systems*, **123**: 39-48.

[3] Taheri, S.M., Behboodian, J. (2002), Fuzzy hypotheses testing with fuzzy data: a Bayesian approach, *Advances in Soft Computing* (Lecture Notes in Artificial Intelligence, No. 2275, Springer), pp. 527-533.

[4] Taheri, S.M. (2003), Trends in fuzzy statistics, *Austrian J. Statistics*, **32**: 239-257.

[5] Zeinal, A., Taheri, S.M. (2003), Sample size determination for estimation ratio, subject to misclassification, *Journal of Science Teacher Training University*, **3**: 99-108.

[6] Mohammadi, J., Taheri, S.M. (2004), Pedomodels fitting with fuzzy least squares regression, *Iranian Journal of Fuzzy Systems*, **1**: 45-61.

- [7] Tavanai, H., Taheri, S.M., Nasiri, M. (2005), Modeling of colour yield in polyethylene terephthalate dyeing with statistical and fuzzy regression, *Iranian Polymer Journal*, **14**: 954-967.
- [8] Torabi, H., Behboodan, J., Taheri, S.M. (2006), Neyman-Pearson Lemma for fuzzy hypotheses testing with vague data, *Metrika*, **64**: 289-304.
- [9] Taheri, S.M., Azizi, R. (2007), On information energy of the image fuzzy sets, *Information Sciences*, **177**: 3871-3881.
- [10] Taheri, S.M. (2008), C-fuzzy numbers and a dual of extension principle, *Information Sciences*, **178**: 827-835.
- [11] Falsafain, A., Taheri, S.M., Mashinchi, M. (2008), Fuzzy estimation of parameters in statistical models, *International J. of Computational and Mathematical Sciences*, **2**: 79-85.
- [12] Taheri, S.M., Arefi, M. (2009), Testing fuzzy hypotheses based on fuzzy test statistic, *Soft Computing*, **13**: 617-625.
- [13] Parchami, A., Taheri, S.M., Mashinchi, M. (2010), Fuzzy p-value in testing fuzzy hypotheses with crisp data, *Statistical Papers*, **51**: 209-226.
- [14] Najafi, Z., Taheri, S.M., Mashinchi, M. (2010), Likelihood ratio test based on fuzzy data, *International J. Intelligent Technologies and Applied Statistics*, **3**: 285-301.
- [15] Fattahi, S., Hoseini, S.A., Taheri, S.M. (2010), Cotton yarn engineering using robust regression and criteria of Mallow's C_p , *Fibers and Polymers*, **11**: 1075-1082.
- [16] Taheri, S.M., Zarei, R. (2011), Extension principle for vague sets and its applications, *Advances in Fuzzy Mathematics*, **6**: 17-26.
- [17] Pourahmad, S., Ayatollahi, S.M.T., Taheri, S.M. (2011), Fuzzy logistic regression: a new possibilistic model and its application in clinical vague status, *Iranian J. Fuzzy Systems*, **8**: 1-17.
- [18] Arefi, M., Taheri, S.M. (2011), Testing fuzzy hypotheses using fuzzy data based on fuzzy test statistic, *Journal of Uncertain Systems*, **5**: 45-61.
- [19] Taheri, S.M., Zarei, R. (2011), Bayesian system reliability assessment under the vague environment, *Applied Soft Computing*, **11**: 1614-1622.

- [20] Arefi, M., Taheri, S.M. (2011), A fuzzy-based approach to testing statistical hypotheses, *International J. Intelligent Technologies and Applied Statistics*, **4**: 1-23.
- [21] Chachi, J., Taheri, S.M. (2011), Fuzzy confidence intervals for mean of Gaussian fuzzy random variables, *Expert Systems with Applications*, **38**: 5240-5244.
- [22] Taheri, S.M., Hesamian, G. (2011), Goodman-Kruskal measure of association for fuzzy-categorized variables, *Kybernetika*, **47**: 110-122.
- [23] Falsafain, A., Taheri, S.M. (2011) , On Buckley's approach to fuzzy estimation, *Soft Computing*, **15**: 345-349.
- [24] Fattahi, S., Hoseini, S.A., Taheri, S.M. (2011), Two-way prediction of cotton yarn properties and fiber properties using multivariate multiple regression, *Journal of the Textile Institute*, **102**: 849-856.
- [25] Pourahmad, S., Ayatollahi, S.M.T., Taheri, S.M., Z. Habib Agahi (2011), Fuzzy Logistic Regression based on the least squares approach with application in clinical studies, *Computers and Mathematics with Applications*, **62**: 3353-3365.
- [26] Fattahi, S., Taheri, S.M., Hoseini, S.A. (2012), Cotton yarn engineering via fuzzy least squares regression, *Fibers and Polymers*, **13**: 390-396.
- [27] Arefi, M., Viertl, R., Taheri, S.M. (2012), Fuzzy density estimation, *Metrika*, **75**: 5-22.
- [28] Taheri, S.M., Kelkinnama, M. (2012), Fuzzy linear regression based on least absolute deviations, *Iranian J. Fuzzy Systems*, **9**: 121-140.
- [29] Parchami, A., Taheri, S.M., Mashinchi, M. (2012), Testing fuzzy hypotheses based on vague observations: a p-value approach, *Statistical Papers*, **53**: 469-484.
- [30] Chachi, J. Taheri, S.M., Viertl, R. (2012), Testing statistical hypotheses based on fuzzy confidence intervals, *Austrian Journal of Statistics*, **41**: 267-286.
- [31] Kelkinnama, M., Taheri, S.M. (2012), Fuzzy least-absolute regression using shape preserving operations, *Information Sciences*, **214**: 105-120.
- [32] Arefi, M., Taheri, S.M. (2013), A new approach for testing fuzzy hypotheses based on fuzzy data, *International Journal of Computational Intelligence Systems*, **6**: 318-327.

- [33] Hesamian, G., Taheri, S.M. (2013), Linear rank tests for two-sample fuzzy data: A p-value approach, *Journal of Uncertain Systems*, **7**: 129-137.
- [34] Azizi, M.A., Malaek, S.M.B., Ashrafizadeh, M., Taheri, S.M. (2013), Aircraft design cycle time reduction using artificial intelligence, *Aerospace Science and Technology*, **26**: 244-258.
- [35] Chachi, J. Taheri, S.M. (2013), A unified approach to similarity measure between intuitionistic fuzzy sets, *International Journal of Intelligent Systems*, **28**: 669-685.
- [36] Chachi, J. Taheri, S.M. (2013), A least-absolute regression model for imprecise response based on the generalized Hausdorff-metric, *Journal of Uncertain Systems*, **7**: 265-276.
- [37] Hesamian, G., Taheri, S.M. (2013), Fuzzy empirical distribution function: Properties and applications, *Kybernetika*, **49**: 962-982.
- [38] Taheri, S.M., Hesamian, G. (2013), A generalization of the Wilcoxon signed-rank test and its applications, *Statistical Papers*, **54**: 457-470.
- [39] Namdari, M., Abadi, A., Taheri, S.M., Rezaei, M., Kalantari, N., Omidvar, N. (2014), Effect of folic acid on appetite in children: Ordinal logistic and fuzzy logistic regressions, *Nutrition*, **30**: 274-278.
- [40] Ahmadzade, H., Amini, M., Taheri, S.M., Bozorgnia, A. (2014), Some moment inequalities for fuzzy martingales and their applications, *Journal of Uncertainty Analysis and Applications*, **2**: 1-14 (DOI:10.1186/2195-5468-2-7).
- [41] Rabiei, M.R., Arghami, N.R., Taheri, S.M., Sadeghpour Gildeh, B. (2014), Least-squares approach to regression modeling in full interval-valued fuzzy environment, *Soft Computing*, **18**: 2043-2059.
- [42] Chachi, J. Taheri, S.M., Arghami, N.R. (2014), A hybrid fuzzy regression model and its application in hydrology engineering, *Applied Soft Computing*, **25**: 149-158.
- [43] Arefi, M., Taheri, S.M. (2014), Weighted similarity measure on interval-valued fuzzy sets and its application to pattern recognition, *Iranian Journal of Fuzzy Systems*, **11**: 67-79.
- [44] Ahmadzade, H., Amini, M., Taheri, S.M., Bozorgnia, A. (2014), Some limit theorems for independent fuzzy random variables, *Thai Journal of Mathematics*, **12**: 537-548.

- [45] Wang, Z., Taheri, S.M., Zheng, M., Zhang, P. (2014), Efficient solutions for uncertain random multiobjective programming problem, *Journal of Uncertain Systems*, **8**: 309-316.
- [46] Namdari, M., Yoon, J.H., Abadi, A., Taheri, S.M., Choi, S.H. (2015), Fuzzy logistic regression with least absolute deviations estimators, *Soft Computing*, **19**: 909-917.
- [47] Rabiei, M.R., Taheri, S.M., Arghami, N.R. (2015), A linear-programming approach to interval-valued fuzzy regression analysis, *International J. Intelligent Technologies and Applied Statistics*, **8**: 171-203.
- [48] Eftekharian, A., Taheri, S.M. (2015), On the GLR and UMP tests in the family with support dependent on the parameter, *Statistics, Optimization and Information Computing*, **3**: 221-228.
- [49] Arefi, M., Taheri, S.M. (2015), Least-squares regression based on Atanassov's intuitionistic fuzzy inputs and outputs and Atanassov's intuitionistic fuzzy parameters, *IEEE Trans. on Fuzzy Systems*, **23**: 1142-1154.
- [50] Parchami, A., Taheri, S.M., Sadeghpor Gildeh, B., Mashinchi, M. (2016), A simple but efficient approach for testing fuzzy hypotheses, *Journal of Uncertainty Analysis and Applications*, **4(2)**: 1-16 (DOI 10.1186/s 40467-015-0042-8).
- [51] Taheri, S.M., Salmani, F., Abadi, A., Alavi Majd, H. (2016), A transition model for fuzzy correlated longitudinal responses, *J. Intelligent and Fuzzy Systems*, **30**: 1265-1273, (DOI 10.3233/IFS-152040).
- [52] Chachi, J., Taheri, S.M., Rezaee Pazhand, H. (2016), Suspended load estimation using L₁-Fuzzy regression, L₂-Fuzzy regression and MARS-Fuzzy regression models, *Hydrological Sciences Journal*, **61**: 1489-1502 (DOI 10.1080/02626667.2015.1016946).
- [53] Taheri, S.M., Abadi, A., Namdari, M., Esmailzadeh, A., Sarbakhsh, P. (2016), Using fuzzy logistic regression for modeling vague status situations: Application to a dietary pattern study, *Intelligent Decision Technologies*, **10**: 183-192 (DOI 10.3233/IDT 150247).
- [54] Arefi, M., Taheri, S.M. (2016), Sufficiency, completeness, and unbiasedness based on fuzzy sample space, Chapter in *"Fuzzy Statistical Decision-Making (Studies in Fuzziness and Soft Computing)"*, **343**: 101-118, Springer, DOI: 10.1007/978-3-319-839014-7_7.

- [55] Parchami, A., Taheri, S.M., Sadeghpour, B., Mashinchi, M. (2016), Testing fuzzy hypotheses: A new p-value-based approach, Chapter in *"Fuzzy Statistical Decision-Making (Studies in Fuzziness and Soft Computing)"*, **343**: 155-173, Springer, DOI: 10.1007/978-3-319-39014-7_10.
- [56] Chachi. J., Taheri, S.M. (2016), Multiple fuzzy regression model for fuzzy input-output data, *Iranian Journal of Fuzzy Systems*, **13**: 63-78.
- [57] Ahmadzade, H., Amini, M., Taheri, S.M., Bozorgnia, A. (2016), Maximal inequalities and some convergence theorems for fuzzy random variables, *Kybernetika*, **52**: 307-328.
- [58] Arefi, M., Taheri, S.M. (2016), Possibilistic Bayesian inference based on fuzzy data, *International Journal of Machine Learning and Cybernetics*, **7**: 753-763 (DOI 10.1007/s13042-014-0291-8).
- [59] Ahmadzade, H., Amini, M., Taheri, S.M., Bozorgnia, A. (2016), Negative dependence for fuzzy random variables: basic definitions and some limit theorems, *Filomat*, **30**: 2535-2549 (DOI: 10.2298/FIL1609535A).
- [60] Taheri, S.M., Hesamian, G., Viertl, R. (2016), Contingency tables with fuzzy information, *Communications in Statistics – Theory and Methods*, **45**: 5906-5917, (DOI 10.1080/03610926.2014.953688).
- [61] Kadkhoda, M., Akbarzadeh-T, M.R., Taheri, S.M. (2016), Mining fuzzy temporal itemsets within various time intervals in quantitative datasets, *Iranian Journal of Fuzzy Systems*, **13**: 67-89.
- [62] Salmani, F., Abadi, A., Taheri, S.M., Alavi Majd, H., Nayeri, F., The effects of risk factors on the improvement of hypothermia neonatal using fuzzy transition, *Social Determinations of Health*, **2**: 15-20.
- [63] Chachi. J., Taheri, S.M., Fattahi, S., Hosseini Ravandi, A. (2016), Two robust fuzzy regression models and their applications in predicting imperfections of cotton yarn, *Journal of Textiles and Polymers*, **4**: 60-68.
- [64] Parchami, A., Sadeghpour, B., Taheri, S.M., Mashinchi, M. (2017), A general p-value-based approach for testing quality by considering fuzzy hypotheses, *J. Intelligent and Fuzzy Systems*, **32**: 1649-1658.
- [65] Salmani, F., Taheri, S.M., Yoon, J.H., Abadi, A., Alavi Majd, H., Abbaszadeh, A. (2017), Logistic regression for fuzzy covariates: modeling, inference, and applications, *International J. of Fuzzy Systems*, **19**: 1635-1644. (DOI 10.1007/s40815-016- 0258-x).

- [66] Taheri, S.M., Hesamian, G. (2017), Non-parametric statistical tests for fuzzy observations: fuzzy test statistic approach, *Int. J. of Fuzzy Logic and Intelligent Systems*, **17**: 145-153 (DOI 10.5391/IJFIS.2017.17.3.145).
- [67] Ahmadzade, H., Amini, M., Taheri, S.M., Bozorgnia, A. (2017), Some probabilistic inequalities for fuzzy random variables, *Iranian J. Fuzzy Systems*, **14**: 119-134 (DOI 10.22111/IJFS.2017.3319).
- [68] Abdzaid Atiyah, I., Mohammadpour, A., Taheri, S.M. (2018), KC-Means: A fast fuzzy clustering, *Advances in Fuzzy Systems*, Article ID 2634861, (DOI 10.1155/2018/2634861).
- [69] Parchami, A., Taheri, S.M., Viertl, R., Mashinchi, M. (2018), Minimax test for fuzzy hypotheses, *Statistical Papers*, **59**: 1623-1648 (DOI 10.1007/s00362-017-0926-4)
- [70] Chachi, J., Taheri, S.M. (2018), Optimal statistical tests based on fuzzy random variables, *Iranian J. Fuzzy Systems*, **15**: 27-45 (DOI 10.22111/IJFS.2018.4157).
- [71] Ashoori, M., Taheri, S.M. (2019), Toward the applicability of statistics: A representational view, *International Principia: An International Journal of Epistemology*, **23**: 113-129.
- [72] Salmani, F., Taheri, S.M., Abadi, A. (2019), A forward variable selection method for fuzzy logistic regression, *International J. of Fuzzy Systems*, **21**: 1259-1269.
- [73] Abdzaid Atiyah, I., Taheri, S.M. (2020), Statistical and fuzzy clustering methods and their application to clustering provinces of Iraq based on agricultural products, *AUT Journal of Mathematics and Computing*, **1**: 101-112 (DOI: 10.22060/ajmc.2019.14873.1013).
- [74] Abdzaid Atiyah, I., Mohammadpour, A., Ahmadzadehgoli, N., Taheri, S.M. (2020), Fuzzy c-means clustering using asymmetric loss function, *Journal of Statistical Theory and Applications*, **19**: 91-101 (DOI: 10.2991/jsta.d.200302.002).
- [75] Chachi, J., Taheri, S.M. (2020), Outlier detection in fuzzy regressions, *Studies in Fuzziness and Soft Computing*, **393**: 299-307.
- [76] Taheri, S.M., Chachi, J. (2020), A robust variable-spread fuzzy regression, *Studies in Fuzziness and Soft₁₀Computing*, **393**: 309-320.

- [77] Taheri, S.M., Asadi, M. Shiralipour, A. (2021), Fuzzy regression in predicting math achievement, based on philosophic-mindedness, creativity, mathematics self-efficacy, and mathematics selfconcept, *Fuzzy Information and Engineering*, (DOI: 10.1080/16168658.2021.1880142).
- [78] Arefi, M., Viertl, R., Taheri, S.M. (2022), A possibilistic analogue to Bayes estimation with fuzzy data and its application in machine learning, *Soft Computing*, **26**: 5497-5510.
- [79] Parchami, A., Taheri, S.M., Falsafain, A., Mashinchi, M. (2022), A fuzzy confidence interval construction and its application in recovery time for COVID-19 patients, *SCIENTIA IRANICA*, **29**: 1904-1913.
- [80] Chachi, J., Taheri, S.M., D'Urso, P. (2022), Fuzzy regression analysis based on M-estimates, *Expert Systems with Applications*, **187**: 115891.
- [81] Moradkhani, G., Karimpour, M., Taheri, S.M. (2022), The Effect of Pore Size in 3D-Printed Porous Titanium Implant on Osseo-Integration, *Iranian J. Orthopaedic Surgery*, **20 (No. 1)**: 35-40.

6.2 Conference Papers:

- [1] Taheri, S.M., Haghghi-Nezhad, I. (2003), Bayesian estimator with fuzzy data under fuzzy loss function, *Proc. of International Conference on Advances in Statistical Inferential Methods*, KIMEP, Almaty (Kazakhstan), pp. 454-459.
- [2] Taheri, S.M. (2004), Statistics with non-precise data: a main approach in the future, *Proc. of the International Conference: Statistics- Investment in the Future*, Prague (Czech Republic), In: Metadata Section, pp. 52-62.
- [3] Taheri, S.M., Mohammadi, J. (2004), Application of fuzzy regression in soil science, *Proc. of the 8th World Multi-Conference on Systemics, Cybernetics and Informatics*, Florida (U.S.A.), 6: 311-316.
- [4] Mohammadi, J., Taheri, S.M. (2004), Imprecise modeling of some physical and chemical soil characteristics, *Proc. of the 5th Iran Conference on Fuzzy Systems*, Tehran (Iran), pp. 215-222.
- [5] Taheri, S.M. (2004), C-fuzzy numbers, *Proc. of the Third World Conference on Intelligent Systems for Industrial Automation*, Tashkent (Uzbekistan), pp. 75-79.
- [6] Taheri, S.M., Azizi, R. (2005), Information energy of the image fuzzy sets, *Proc. of the 11th IFSA Congress*, Beijing (China), pp. 61-65.

- [7] Nasiri, M., Taheri, S.M., Tarkesh, H. (2007), Applying genetic-fuzzy approach to model polyester dyeing, *Proc. of the 12th IFSA Congress*, Cancun (Mexico), PS20.
- [8] Taheri, S.M., Zarei, R. (2007), Bayesian reliability in vague environment, *ISI Bulletin, Vol. LXII, Proc. 56th ISI Conf.*, Lisboa (Portugal), pp. 2080-2083.
- [9] Arefi, M., Taheri, S.M. (2007), Testing statistical hypothesis using fuzzy critical region in model with nuisance parameter, *ISI Bulletin, Vol. LXII, Proc. 56th Conf.*, Lisboa (Portugal), pp. 4537-4540.
- [10] Azizi, M.A., Malaek, B., Ashrafizadeh, M., Taheri, S.M. (2008), Application of fuzzy system theory to conceptual airplane design cycle, *Proc. of the 16th International Conference on Mechanical Engineering– ISME2008*, Kerman (Iran), pp. 131-138.
- [11] Taheri, S.M., Kelkinnama, M. (2008), Fuzzy least absolute regression, *Proc. of the 4th International IEEE Conference on Intelligent Systems*, Varna (Bulgaria), 11, pp. 55-58.
- [12] Taheri, S.M., Mirzaei Yeganeh, S. (2009), Logistic regression with non-precise response, *Proc. of the 57th ISI Conf.*, Durban (South Africa), pp. 98-101.
- [13] Mirzaei Yeganeh, S., Taheri, S.M. (2009), Possibilistic logistic regression by linear programming approach, *Proc. of the 7th Seminar on Probability and Stochastic Processes*, Isfahan (Iran), pp. 139-143.
- [14] Chachi, J., Taheri, S.M. (2010), Two general classes of similarity measures on intuitionistic fuzzy sets, *Proc. of the 11th International Conference on Intelligent Technologies*, Bangkok (Thailand), pp. 88-92.
- [15] Taheri, S.M., Hesamian, G., Viertl, R. (2010), Contingency table with fuzzy categories, *Proc. of the 11th International Conference on Intelligent Technologies*, Bangkok (Thailand), pp. 100-104.
- [16] Chachi, J., Taheri, S.M. (2011), Fuzzy statistical tests based on fuzzy confidence intervals, *Proc. of the 14th IFSA Congress*, Surabaya-Bali (Indonesia), pp. FS:1-6.
- [17] Pourahmad, S., Taheri, S.M., Ayatollahi, S.M.T. (2011), Least squares fuzzy logistic regression, a new model in clinical diagnosis, *Proc. of the 14th IFSA Congress*, Surabaya-Bali (Indonesia), pp. RW-203:1-4.

- [18] Chachi, J., Taheri, S.M., Rezaei Pazhand, H. (2011), An interval-based approach to fuzzy regression for fuzzy input-output data, *Proc. of 2011 IEEE International Conference on Fuzzy Systems*, Taipei (Taiwan), pp. 2859-2863.
- [19] Chachi, J., Taheri, S.M. (2011), A least-absolute approach to multiple fuzzy regression, *Proc. of the 58th World Statistics Congress of the ISI (International Statistical Institute)*, Dublin (Ireland), CPS077-01.
- [20] Namdari, M., Abadi, A., Taheri, S.M., Esmailzadeh, A., Sarbakhsh, P. (2012), Application of fuzzy logistic regression in modeling food patterns, *Proc. of the 11th Iranian Statistical Conference*, Iran Univ. of Science and Technology, Tehran (Iran), pp. 413-420.
- [21] Poostchi, H., Akbarzadeh-T, M.R., Taheri, S.M. (2012), Distributed adaptive spanning tree for data gathering in wireless sensor networks, *Proc. of the 2nd IEEE International Conference on Parallel, Distributed and Grid Computing*, India, pp. 485-490.
- [22] Hesamian, G., and Taheri, S.M. (2013), Credibility theory oriented sign test for imprecise observations and imprecise hypotheses, In: *R. Kruse et al. (Eds.), Advances in Intelligent Systems and Computing (No. 190: Synergies of Soft Computing and Statistics for Intelligent Data Analysis)*, Springer, pp. 153-164, (Selected papers of the 6th Inter. Conf. on Soft Methods in Probability and Statistics (SMPS)), Konstanz (Germany).
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