[21] P. Wang, X. H. Xu, J. Q. Wang, and C. G. Cai, "Interval-valued intuitionistic linguistic multi-criteria group decision-making method based on the interval 2-tuple linguistic information", *Journal of Intelligent & Fuzzy Systems,* vol. 33, no. 2, pp. 985-994, 2017.

[22] F. T. Bahari, and M. S. Elayidom, "An Enhanced Analytic CRM Framework Using Symbolic Fuzzy Approach in Decision Making Applications", *Journal of Advanced Research in Dynamical & Control Systems,* vol. 10, 15-Special Issue, 2018.

[23] F. Chiclana, F. Mata, L. G. Perez, and E. H. Viedma, "Type-1 OWA Unbalanced Fuzzy Linguistic Aggregation Methodology: Application to Eurobonds Credit Risk Evaluation," *International Journal of Intelligent Systems,* vol.33, pp.1071-1088, 2018.

[24] A. Peña, I. Bonet, C. Lochmuller, F. Chiclana, and M. Góngora, "An integrated inverse adaptive neural fuzzy system with Monte-Carlo sampling method for operational risk management," *Expert Systems with Applications*, vol. 98, pp.11-26, 2018.

[25] G. Yazgı Tütüncu, and Necla Kayaalp, "An aggregated fuzzy naive bayes data classifier," *Journal of Computational and Applied Mathematics*, vol. 286, pp. 17–27, 2015.

[26] H. P. Störr, "A compact fuzzy extension of the naive bayesian classification algorithm," *Proceedings of the Third International Conference on Intelligent Technologies and Vietnam-Japan Symposium on Fuzzy Systems and Applications*, pp.172-177, 2002.

[27] Y. Z. Xi, W. T. Xue, and S. L. Joon, "Fuzzy naive bayesian for constructing regulated network with weights," *Bio-Medical Materials and Engineering, v*ol. 26, pp. S1757–S1762, 2015.

[28] Y. Tang, W. Pan, H. Li, and Y. Xu, "Fuzzy naive bayes classifier based on fuzzy clustering", *Proceedings of 2002 IEEE International Conference on System, Man and Cybernetics*, 2002.

[29] Y. Tang, and Y. Xu, "Application of fuzzy naive bayes and a real-valued genetic algorithm in identification of fuzzy model, *Information Sciences*, v.169, p.205-225, 2005.

[30] S. Palaniappan, and R. Awang, "Intelligent heart disease prediction system using data mining techniques," *IEEE/ACS International Conference on Computer Systems and Applications*, 2008.

[31] S. B. Patil, and Y. S. Kumaraswamy, "Extraction of significant patterns from heart disease warehouses for heart attack prediction," *International Journal of Computer Science and Network Security*, vol. 9, pp. 228–235, 2009.

[32] Jan Bohacik, and Michal Zabovsky, "Naive bayes for statlog heart database with consideration of data specifics," *IEEE 14th International Scientific Conference on Informatics*, 2017.

[33] O. W. Samuel, G. M. Asogbon, A. K. Sangaiah, P. Fang, and G. Li, "An integrated decision support system based on ANN and Fuzzy AHP for heart failure risk prediction," *Expert Systems with Applications*, vol. 68, pp.163–172, 2017.

[34] K. Uyar, A. Ilhan, "Diagnosis of heart disease using genetic algorithm based trained recurrent fuzzy neural networks," *Procedia Computer Science,* vol. 120, pp.588-593, 2017.

[35] G. T. Reddy, N. Khare, "An Efficient System for Heart Disease Prediction using Hybrid OFBAT with Rule-Based Fuzzy Logic Model," *Journal of Circuits, Systems, and Computers*, vol.26, 2017

[36] L. Martinez, D. Ruan, F. Herrera, E. Herrera-Viedma, and P.P. Wang, "Linguistic decision making: tools and applications," *Information Sciences*, vol.179, pp. 2297–2298, 2009.

[37] L. Martinez, "Computing with words in linguistic decision making: Analysis of linguistic computing models," *IEEE International Conference on Intelligent Systems and Knowledge Engineering,* 2010.

[38] I. H. Witten, E. Frank, and M. A. Hall, "Practical *Machine Learning Tools and Techniques,*" 3rd Edition. Burlington, MA, USA: Morgan Kaufman Publishers, 2011.

[39] UCI Repository of Machine Learning Databases, http://archive.ics.uci.edu/ml/datasets/Statlog+%28Heart %29.