



## Editorial: Journal of Classification Vol. 37-3

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The third and final issue of 2020 contains a total of fourteen articles. The first, by Kim and Kim, contains an interesting discussion of a Bayesian network model. The second paper, by Dangel and Leisch, studies the accuracy of certain cluster validation indices using resampling techniques. In the next paper, Fernández and Gómez introduce a hierarchical clustering approach based on versatile linkage. The fourth paper, by van Meegen, Schnackenberg, and Ligges, presents an interesting study on the problem of unequal priors in discriminant analysis. The next paper, by Wu, Xiao, Guo, and Nie, sees the combination of linear discriminant analysis and  $k$ -means clustering for dimensionality reduction in classification. The sixth paper, by Gregory, considers measurement error in food security in the USA.

In the seventh paper, Lu and Mei develop a learning approach for a single hidden layer feedforward network. In the eighth paper, Csenki, Neagu, Torgunov, and Micic develop and illustrate a potential-based clustering approach. The next paper, by Muschelli, considers the important case where a receiver operator characteristic curve is used with a binary predictor. In the tenth paper, Gao, Wang, Cai, and Tu consider cognitive diagnostic computerized adaptive testing for polytomously scored items or data. The eleventh paper, by Sies and Van Mechelen, introduces a framework to try to gain insights from forests that are somewhat analogous to those that may be obtained from a single tree.

In the twelfth paper, Giudici and Raffinetti develop novel measures for model selection based on Lorenz zonoids, which are related to the Gini coefficient. The thirteenth paper, by Greco, Lucadamo, and Amenta, uses trimming to develop a robust approach for reduced and factorial  $k$ -means clustering. The final paper in this issue, by Melnykov and Melnykov, considers the interesting problem of incorporating hard constraints into an algorithm for  $k$ -means semi-supervised clustering.

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