Abstract

In fuzzy clustering, the fuzzy c-means (FCM) clustering algorithm is the best known and used method. An interesting extension of FCM is the fuzzy ISODATA (FISODATA) algorithm; it updates cluster number during the algorithm. That's why we can have more or less clusters than the initialization step. It's the power of the fuzzy ISODATA algorithm comparing to FCM. The aim of this paper is to compare FCM and FISODATA results.
Comparison of FCM and FISODATA


Index Terms

Computer Science Artificial Intelligence

Keywords
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