

Wavelets Contribution on Textual Data Analysis

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Abstract : The emergence of giant set of textual data was the push that has encouraged researchers to invest in this field. The purpose of textual data analysis methods is to facilitate access to such type of data by providing various graphic visualizations. Applying these methods requires a corpus pretreatment step, whose standards are set according to the objective of the problem studied. This step determines the forms list contained in contingency table by keeping only those information carriers. This step may, however, lead to noisy contingency tables, so the use of wavelet denoising function. The validity of the proposed approach is tested on a text database that offers economic and political events in Tunisia for a well definite period.

Keywords : textual data, wavelet, denoising, contingency table

Conference Title : ICMLDA 2017 : International Conference on Machine Learning and Data Analysis

Conference Location : Barcelona, Spain

Conference Dates : May 26-27, 2017