Accepted Manuscript

An Improved K-medoids Algorithm Based on Step Increasing and Optimizing Medoids

Donghua Yu, Guojun Liu, Maozu Guo, Xiaoyan Liu

PII:S0957-4174(17)30658-9DOI:10.1016/j.eswa.2017.09.052Reference:ESWA 11573

To appear in:

Expert Systems With Applications

Received date:3 May 2017Revised date:23 September 2017Accepted date:24 September 2017

Please cite this article as: Donghua Yu, Guojun Liu, Maozu Guo, Xiaoyan Liu, An Improved Kmedoids Algorithm Based on Step Increasing and Optimizing Medoids, *Expert Systems With Applications* (2017), doi: 10.1016/j.eswa.2017.09.052

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



AN IMPROVED K-MEDOIDS ALGORITHM

Highlights

- The proposed clustering algorithm improves performance and preserves efficiency.
- We propose a candidate medoids subset to optimize the clustering medoids.
- We propose increasing the medoid methods in a step-wise fashion.
- Results report better performances than classical methods.

Download English Version:

https://daneshyari.com/en/article/4943027

Download Persian Version:

https://daneshyari.com/article/4943027

Daneshyari.com