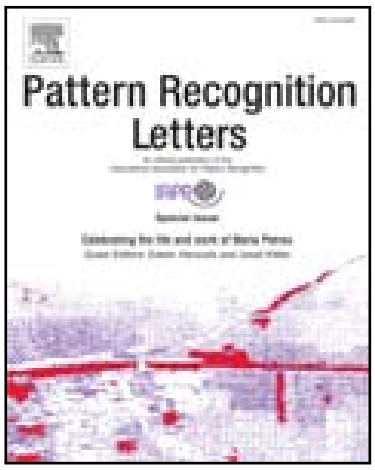
Accepted Manuscript



A hybrid decision tree algorithm for mixed numeric and categorical data in regression analysis

Kyoungok Kim, Jung-sik Hong

PII: S0167-8655(17)30267-2
DOI: 10.1016/j.patrec.2017.08.011
Reference: PATREC 6892

To appear in: *Pattern Recognition Letters*

Received date: 30 August 2016
Revised date: 18 April 2017
Accepted date: 9 August 2017

Please cite this article as: Kyoungok Kim, Jung-sik Hong, A hybrid decision tree algorithm for mixed numeric and categorical data in regression analysis, *Pattern Recognition Letters* (2017), doi: 10.1016/j.patrec.2017.08.011

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.

ACCEPTED MANUSCRIPT

Research Highlights (Required)

To create your highlights, please type the highlights against each `\item` command.

It should be short collection of bullet points that convey the core findings of the article. It should include 3 to 5 bullet points (maximum 85 characters, including spaces, per bullet point.)

- We propose a simple but efficient hybrid regression algorithm using decision tree.
- The proposed algorithm significantly improve combined regression algorithms.
- The proposed algorithm can consider the nonlinearity for categorical variables.
- The proposed hybrid algorithm does not increase computation cost.
-

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/4969998

Download Persian Version:

https://daneshyari.com/article/4969998

Daneshyari.com