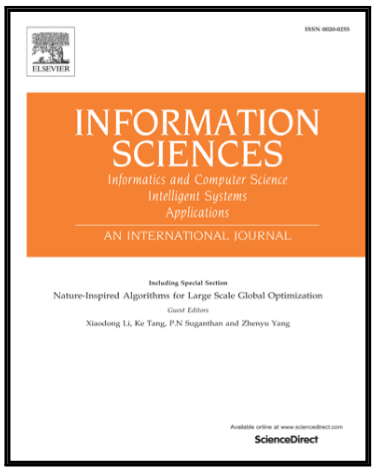
Accepted Manuscript



Feature Selection by Optimizing a Lower Bound of Conditional Mutual Information

Hanyang Peng , Yong Fan

PII: S0020-0255(17)30883-6
DOI: 10.1016/j.ins.2017.08.036
Reference: INS 13040

To appear in: *Information Sciences*

Received date: 7 August 2016
Revised date: 8 August 2017
Accepted date: 9 August 2017

Please cite this article as: Hanyang Peng , Yong Fan , Feature Selection by Optimizing a Lower Bound of Conditional Mutual Information, *Information Sciences* (2017), doi: 10.1016/j.ins.2017.08.036

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

Highlights

- A new relationship between Bayesian error and mutual information
- A unified framework for information theory based feature selection
- A novel information theory based feature selection method
- A new evaluation metric for feature selection precision

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/4944243

Download Persian Version:

https://daneshyari.com/article/4944243

Daneshyari.com