Accepted Manuscript

High-dimensional hybrid feature selection using interaction information-guided search

Songyot Nakariyakul

 PII:
 S0950-7051(18)30001-7

 DOI:
 10.1016/j.knosys.2018.01.002

 Reference:
 KNOSYS 4175

To appear in: Knowledge-Based Systems

Received date:11 May 2017Revised date:28 December 2017Accepted date:1 January 2018

Please cite this article as: Songyot Nakariyakul, High-dimensional hybrid feature selection using interaction information-guided search, *Knowledge-Based Systems* (2018), doi: 10.1016/j.knosys.2018.01.002

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.



Highlights

- A new high-dimensional hybrid feature selection algorithm called IGIS is proposed.
- Interaction information is employed to guide the search.
- Our method is dynamic and selects only relevant and irredundant features.
- The experimental results show that IGIS outperforms prior wrapper methods.

MAND

Download English Version:

https://daneshyari.com/en/article/6861635

Download Persian Version:

https://daneshyari.com/article/6861635

Daneshyari.com