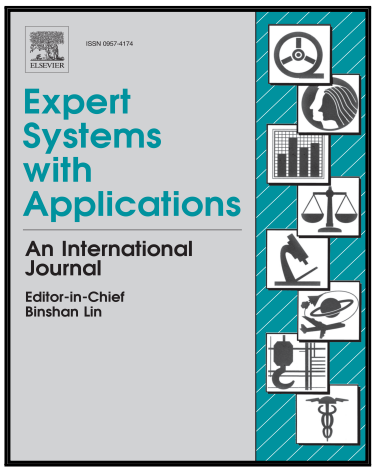
Accepted Manuscript



Identifying Risk Factors for Adverse Diseases using Dynamic Rare Association Rule Mining

Anindita Borah, Bhabesh Nath

PII: S0957-4174(18)30425-1
DOI: 10.1016/j.eswa.2018.07.010
Reference: ESWA 12059

To appear in: *Expert Systems With Applications*

Received date: 4 February 2018
Revised date: 12 June 2018
Accepted date: 2 July 2018

Please cite this article as: Anindita Borah, Bhabesh Nath, Identifying Risk Factors for Adverse Diseases using Dynamic Rare Association Rule Mining, *Expert Systems With Applications* (2018), doi: 10.1016/j.eswa.2018.07.010

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

- Devising a tree structure for efficient generation of complete set of patterns.
- Development of a single pass dynamic rare association rule mining algorithm.
- Evaluation of the algorithm based on transaction modification and threshold update.
- Analysis of risk factors for three clinical diseases using proposed approach.
- Comparison with existing approaches using synthetic and real-life datasets.

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/6854707

Download Persian Version:

https://daneshyari.com/article/6854707

Daneshyari.com