## Accepted Manuscript

Demonstrating Non-Inferiority of Easy Interpretable Methods for Insolvency Prediction

Lennart Obermann, Stephan Waack

PII:S0957-4174(15)00548-5DOI:10.1016/j.eswa.2015.08.009Reference:ESWA 10223

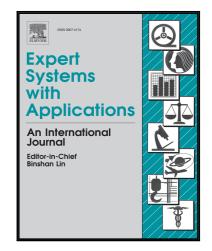
To appear in:

Expert Systems With Applications

Received date:10 October 2014Revised date:5 August 2015Accepted date:5 August 2015

Please cite this article as: Lennart Obermann, Stephan Waack, Demonstrating Non-Inferiority of Easy Interpretable Methods for Insolvency Prediction, *Expert Systems With Applications* (2015), doi: 10.1016/j.eswa.2015.08.009

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.



such as the second seco

## Highlights

- Insolvency prediction using a database with about 5,000 enterprises.
- Comparison of white-box models with gray- and black-box models.
- Comparison of interpretability of disjunctive normal forms and decision trees.
- Use of asymmetric bagging to deal with imbalanced data.
- Interpretable models are not inferior to black-box models in insolvency prediction.

Download English Version:

## https://daneshyari.com/en/article/10322150

Download Persian Version:

https://daneshyari.com/article/10322150

Daneshyari.com