

## Accepted Manuscript

Lexicographic preferences for predictive modeling of human decision making: A new machine learning method with an application in accounting

Michael Bräuning, Eyke Hüllermeier, Tobias Keller, Martin Glaum

PII: S0377-2217(16)30694-4  
DOI: [10.1016/j.ejor.2016.08.055](https://doi.org/10.1016/j.ejor.2016.08.055)  
Reference: EOR 13941



To appear in: *European Journal of Operational Research*

Received date: 23 January 2015  
Revised date: 1 August 2016  
Accepted date: 18 August 2016

Please cite this article as: Michael Bräuning, Eyke Hüllermeier, Tobias Keller, Martin Glaum, Lexicographic preferences for predictive modeling of human decision making: A new machine learning method with an application in accounting, *European Journal of Operational Research* (2016), doi: [10.1016/j.ejor.2016.08.055](https://doi.org/10.1016/j.ejor.2016.08.055)

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**

- We highlight cognitive plausibility of lexicographic preferences in human decisions.
- Novel learning algorithm for inducing generalized lexicographic preference models.
- We increase expressiveness of lexicographic orders by variable grouping.
- We present a case study of a highly complex real-world problem in accounting.

Download English Version:

<https://daneshyari.com/en/article/4959969>

Download Persian Version:

<https://daneshyari.com/article/4959969>

[Daneshyari.com](https://daneshyari.com)