

Accepted Manuscript

Segmented concave least squares: a new nonparametric piecewise linear regression

Abolfazl Keshvari

PII: S0377-2217(17)30900-1
DOI: [10.1016/j.ejor.2017.10.006](https://doi.org/10.1016/j.ejor.2017.10.006)
Reference: EOR 14730



To appear in: *European Journal of Operational Research*

Received date: 6 April 2016
Revised date: 5 October 2017
Accepted date: 9 October 2017

Please cite this article as: Abolfazl Keshvari , Segmented concave least squares: a new non-parametric piecewise linear regression, *European Journal of Operational Research* (2017), doi: [10.1016/j.ejor.2017.10.006](https://doi.org/10.1016/j.ejor.2017.10.006)

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 nonparametric concave least squares estimator is proposed
- The user controls the number of linear segments of the estimated function
- This method automatically categorizes observations into groups
- It is used to estimate a hedonic pricing function of a sample of hotels in Finland
- Hotels are classified into three groups based on their pricing strategies

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6895172>

Download Persian Version:

<https://daneshyari.com/article/6895172>

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