

Accepted Manuscript

The Bayesian adaptive lasso regression

Rahim Alhamzawi, Haithem Taha Mohammad Ali

PII: S0025-5564(18)30006-3
DOI: [10.1016/j.mbs.2018.06.004](https://doi.org/10.1016/j.mbs.2018.06.004)
Reference: MBS 8089



To appear in: *Mathematical Biosciences*

Received date: 7 January 2018
Revised date: 7 June 2018
Accepted date: 14 June 2018

Please cite this article as: Rahim Alhamzawi, Haithem Taha Mohammad Ali, The Bayesian adaptive lasso regression, *Mathematical Biosciences* (2018), doi: [10.1016/j.mbs.2018.06.004](https://doi.org/10.1016/j.mbs.2018.06.004)

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

- In this paper, We consider a fully Bayesian treatment for the adaptive lasso that leads to a new Gibbs sampler with tractable full conditional posteriors. Through simulations and real data analyses, we compare the performance of the new Gibbs sampler with some of the existing Bayesian and non-Bayesian methods. Results show that the new approach performs well in comparison to the existing Bayesian and non-Bayesian approaches.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/8876954>

Download Persian Version:

<https://daneshyari.com/article/8876954>

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