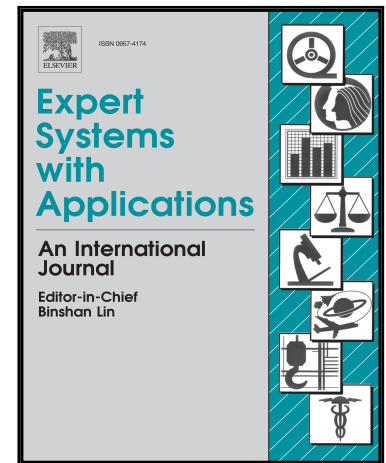


Accepted Manuscript

Deriving Thresholds of Software Metrics to Predict Faults on Open Source Software: Replicated Case Studies

Ömer Faruk Arar , Kürşat Ayan

PII: S0957-4174(16)30236-6
DOI: [10.1016/j.eswa.2016.05.018](https://doi.org/10.1016/j.eswa.2016.05.018)
Reference: ESWA 10676



To appear in: *Expert Systems With Applications*

Received date: 10 January 2016
Revised date: 9 April 2016

Please cite this article as: Ömer Faruk Arar , Kürşat Ayan , Deriving Thresholds of Software Metrics to Predict Faults on Open Source Software: Replicated Case Studies, *Expert Systems With Applications* (2016), doi: [10.1016/j.eswa.2016.05.018](https://doi.org/10.1016/j.eswa.2016.05.018)

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 empirically examined if there are effective thresholds for software metrics.
- Open-source software systems were used as benchmarking datasets.
- The learner model was created using logistic regression and the Bender method.
- Experimental results revealed that some metrics have effective threshold values.

Download English Version:

<https://daneshyari.com/en/article/6855638>

Download Persian Version:

<https://daneshyari.com/article/6855638>

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