

FPA-FL: Incorporating Static Fault-proneness Analysis into Statistical Fault Localization

Farid Feyzi , Saeed Parsa

PII: S0164-1212(17)30258-3
DOI: [10.1016/j.jss.2017.11.002](https://doi.org/10.1016/j.jss.2017.11.002)
Reference: JSS 10064



To appear in: *The Journal of Systems & Software*

Received date: 7 December 2016
Revised date: 26 September 2017
Accepted date: 3 November 2017

Please cite this article as: Farid Feyzi , Saeed Parsa , FPA-FL: Incorporating Static Fault-proneness Analysis into Statistical Fault Localization , *The Journal of Systems & Software* (2017), doi: [10.1016/j.jss.2017.11.002](https://doi.org/10.1016/j.jss.2017.11.002)

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

- Considering the static structure and the fault-proneness associated with different portions of the code in fault localization.
- Considering the complex interactions among program elements by using an Elastic-Net regression model.
- Effective multiple-fault localization based on grouping effect of the proposed Elastic-Net model

Download English Version:

<https://daneshyari.com/en/article/6885406>

Download Persian Version:

<https://daneshyari.com/article/6885406>

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