

Accepted Manuscript

Process Variant Comparison: Using Event Logs to Detect Differences in Behavior and Business Rules

Alfredo Bolt, Massimiliano de Leoni, Wil M.P. van der Aalst

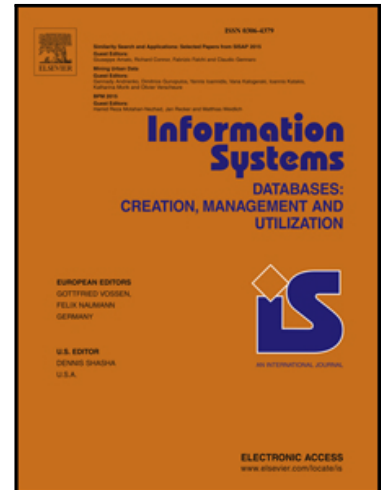
PII: S0306-4379(16)30525-7
DOI: [10.1016/j.is.2017.12.006](https://doi.org/10.1016/j.is.2017.12.006)
Reference: IS 1271

To appear in: *Information Systems*

Received date: 1 November 2016
Revised date: 7 September 2017
Accepted date: 19 December 2017

Please cite this article as: Alfredo Bolt, Massimiliano de Leoni, Wil M.P. van der Aalst, Process Variant Comparison: Using Event Logs to Detect Differences in Behavior and Business Rules, *Information Systems* (2017), doi: [10.1016/j.is.2017.12.006](https://doi.org/10.1016/j.is.2017.12.006)

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

- The problem of comparing process variants is highly relevant.
- Our technique detects statistically significant differences between process variants in terms of any measurement annotations.
- Our technique also detects differences in the business rules of process variants using decision trees.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6858615>

Download Persian Version:

<https://daneshyari.com/article/6858615>

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