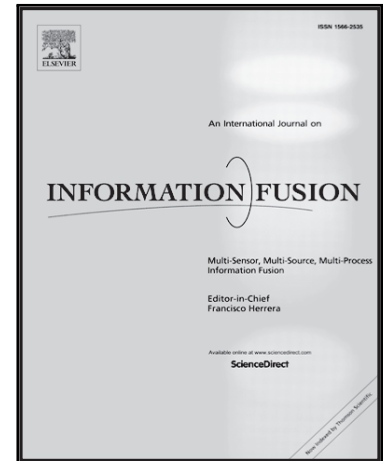


Accepted Manuscript

Combining Univariate Approaches for Ensemble Change Detection in Multivariate Data

William J. Faithfull, Juan J. Rodríguez, Ludmila I. Kuncheva

PII: S1566-2535(17)30123-9
DOI: [10.1016/j.inffus.2018.02.003](https://doi.org/10.1016/j.inffus.2018.02.003)
Reference: INFFUS 958



To appear in: *Information Fusion*

Received date: 28 February 2017
Revised date: 17 January 2018
Accepted date: 10 February 2018

Please cite this article as: William J. Faithfull, Juan J. Rodríguez, Ludmila I. Kuncheva, Combining Univariate Approaches for Ensemble Change Detection in Multivariate Data, *Information Fusion* (2018), doi: [10.1016/j.inffus.2018.02.003](https://doi.org/10.1016/j.inffus.2018.02.003)

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 create and evaluate feature-wise ensembles of univariate change detectors.
- We test 84 ensembles and 3 multivariate detectors on 96 datasets and a case study.
- Ensembles of univariate detectors outperformed established multivariate detectors.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6937894>

Download Persian Version:

<https://daneshyari.com/article/6937894>

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