Accepted Manuscript

Oversampling imbalanced data in the string space

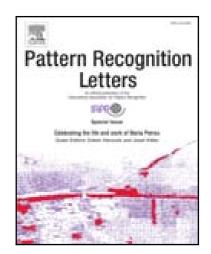
Francisco J. Castellanos, Jose J. Valero-Mas, Jorge Calvo-Zaragoza, Juan R. Rico-Juan

PII: S0167-8655(18)30003-5 DOI: 10.1016/j.patrec.2018.01.003

Reference: PATREC 7047

To appear in: Pattern Recognition Letters

Received date: 16 June 2017 Revised date: 16 October 2017 Accepted date: 4 January 2018



Please cite this article as: Francisco J. Castellanos, Jose J. Valero-Mas, Jorge Calvo-Zaragoza, Juan R. Rico-Juan, Oversampling imbalanced data in the string space, *Pattern Recognition Letters* (2018), doi: 10.1016/j.patrec.2018.01.003

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

- Oversampling in the string space for addressing imbalanced classification
- Generating new strings between pairs of instances using the Edit distance
- Experimentation with contour representations of hand-written digits and characters
- Statistical performance improvement of the classifier with respect to imbalanced case



Download English Version:

https://daneshyari.com/en/article/6940648

Download Persian Version:

https://daneshyari.com/article/6940648

<u>Daneshyari.com</u>