

Accepted Manuscript

Building Forests of Local Trees

Giuliano Armano, Emanuele Tamponi

PII: S0031-3203(17)30472-7
DOI: [10.1016/j.patcog.2017.11.017](https://doi.org/10.1016/j.patcog.2017.11.017)
Reference: PR 6370

To appear in: *Pattern Recognition*

Received date: 19 January 2017
Revised date: 27 October 2017
Accepted date: 16 November 2017

Please cite this article as: Giuliano Armano, Emanuele Tamponi, Building Forests of Local Trees, *Pattern Recognition* (2017), doi: [10.1016/j.patcog.2017.11.017](https://doi.org/10.1016/j.patcog.2017.11.017)



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

- A novel approach in the field of classifier ensembles is proposed.
- The approach uses an ensemble of random decision trees.
- Each decision tree is trained on a different area of the input space.
- Areas can overlap and a good coverage of the input space is ensured.
- Experimental results confirm the validity of the approach.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6939479>

Download Persian Version:

<https://daneshyari.com/article/6939479>

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