

# Accepted Manuscript

Vote-boosting ensembles

Maryam Sabzevari, Gonzalo Martínez-Muñoz, Alberto Suárez

PII: S0031-3203(18)30196-1  
DOI: [10.1016/j.patcog.2018.05.022](https://doi.org/10.1016/j.patcog.2018.05.022)  
Reference: PR 6566

To appear in: *Pattern Recognition*

Received date: 5 August 2017  
Revised date: 4 May 2018  
Accepted date: 20 May 2018

Please cite this article as: Maryam Sabzevari, Gonzalo Martínez-Muñoz, Alberto Suárez, Vote-boosting ensembles, *Pattern Recognition* (2018), doi: [10.1016/j.patcog.2018.05.022](https://doi.org/10.1016/j.patcog.2018.05.022)



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**Highlights**

- A boosting algorithm with a new emphasis function is proposed.
- The instance weights are determined in terms of the degree of agreement or disagreement among the individual ensemble predictions.
- The optimal type of emphasis (either on instances for which there is agreement or disagreement) can be empirically determined using cross validation.
- Vote-boosting can be used to build ensembles that are both accurate and robust to class-label noise.

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