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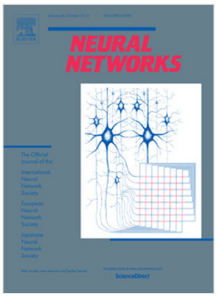

Banzhaf random forests: Cooperative game theory based random forests with consistency

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PII: S0893-6080(18)30188-6
DOI: https://doi.org/10.1016/j.neunet.2018.06.006
Reference: NN 3972

To appear in: *Neural Networks*

Received date : 29 August 2017
Revised date : 14 April 2018
Accepted date : 8 June 2018

Please cite this article as: Sun, J., Zhong, G., Huang, K., Dong, J., Banzhaf random forests: Cooperative game theory based random forests with consistency. *Neural Networks* (2018), https://doi.org/10.1016/j.neunet.2018.06.006

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- A novel random classification forests algorithm, called Banzhaf random forests (BRFs), is proposed.
- The Banzhaf power index is employed to evaluate the power of each feature by traversing possible feature coalitions.
- The consistency of BRFs is proved.

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