

Accepted Manuscript

Comparison of a Genetic Algorithm to Grammatical Evolution for Automated Design of Genetic Programming Classification Algorithms

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PII: S0957-4174(18)30175-1
DOI: [10.1016/j.eswa.2018.03.030](https://doi.org/10.1016/j.eswa.2018.03.030)
Reference: ESWA 11877



To appear in: *Expert Systems With Applications*

Received date: 29 October 2017
Revised date: 17 March 2018
Accepted date: 18 March 2018

Please cite this article as: Tambo Nyathi, Nelishia Pillay, Comparison of a Genetic Algorithm to Grammatical Evolution for Automated Design of Genetic Programming Classification Algorithms, *Expert Systems With Applications* (2018), doi: [10.1016/j.eswa.2018.03.030](https://doi.org/10.1016/j.eswa.2018.03.030)

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Highlights

- Automated design of Genetic Programming classification algorithms is presented.
- Automated design uses a genetic algorithm and grammatical evolution.
- The approach is trained and tested using real-world binary and multi-class data.
- Grammatical evolution designed classifiers perform better for binary classification.
- Genetic algorithm designed classifiers perform better for multi-classification.

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