

Accepted Manuscript

Improving Extreme Learning Machine by Competitive Swarm Optimization and its application for medical diagnosis problems

Mohammed Eshtay, Hossam Faris, Nadim Obeid

PII: S0957-4174(18)30169-6
DOI: [10.1016/j.eswa.2018.03.024](https://doi.org/10.1016/j.eswa.2018.03.024)
Reference: ESWA 11871



To appear in: *Expert Systems With Applications*

Received date: 10 October 2017
Revised date: 25 December 2017
Accepted date: 13 March 2018

Please cite this article as: Mohammed Eshtay, Hossam Faris, Nadim Obeid, Improving Extreme Learning Machine by Competitive Swarm Optimization and its application for medical diagnosis problems, *Expert Systems With Applications* (2018), doi: [10.1016/j.eswa.2018.03.024](https://doi.org/10.1016/j.eswa.2018.03.024)

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

- Improved Extreme learning machine by Competitive Swarm Optimization is proposed.
- The proposed model is applied for 15 medical classification problems.
- The model outperforms in terms of accuracy, stability, complexity and time.
- Benchmark results confirm effectiveness of proposed model.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6854996>

Download Persian Version:

<https://daneshyari.com/article/6854996>

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