

Special Issue

Comparison-Based Learning: Algorithms and Applications

Message from the Guest Editor

We invite you to submit your work to this *Algorithms* Special Issue on “Comparison-Based Learning”. Learning from comparisons between samples, or rankings thereof, finds applications in many domains, including econometrics, recommender systems, and sports. Collecting comparison or ranking labels has additional benefits in practice, as humans often find it easier to make relative rather than absolute judgements. From a theoretical standpoint, even though learning via comparison and/or ranking oracles often comes with statistical advantages, it also poses algorithmic challenges due to the combinatorial nature of comparisons and rankings. We seek high-quality contributions in all theoretical and practical aspects of algorithms for learning from comparisons and rankings.

Guest Editor

Dr. Stratis Ioannidis
Electrical and Computer Engineering, Northeastern University

Deadline for manuscript submissions

closed (31 January 2021)



Algorithms

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 4.5



mdpi.com/si/53571

Algorithms
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
algorithms@mdpi.com

[mdpi.com/journal/
algorithms](https://mdpi.com/journal/algorithms)





Algorithms

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 4.5



[mdpi.com/journal/
algorithms](https://mdpi.com/journal/algorithms)



About the Journal

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

Editor-in-Chief

Prof. Dr. Frank Werner

Faculty of Mathematics, Otto-von-Guericke-University, P.O. Box 4120,
D-39016 Magdeburg, Germany

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), Ei Compendex, and other databases.

Journal Rank:

JCR - Q2 (Computer Science, Theory and Methods) /
CiteScore - Q1 (Numerical Analysis)