

Special Issue

Data Envelopment Analysis for Decision Support

Message from the Guest Editor

This Special Issue invites contributions that advance DEA, with a focus on decision support applications and novel methods using nonparametric frontier estimations. We seek submissions where the contribution lies in novel algorithmic developments, including their design, analysis, implementation, and validation. Submissions should articulate the algorithmic advancement and its impact on decision support capabilities. Submissions on theoretical and empirical progress are encouraged, including but not limited to:

- Nonparametric frontier applications;
- Theoretical discussions and new model developments in DEA;
- Reviews, surveys, and meta-surveys;
- Papers reporting new algorithms, software, or computational developments;
- Decision support systems based on DEA and frontier methods;
- Integration of DEA with artificial intelligence and machine learning for enhanced decision-making;
- Applications of DEA in sustainability and ESG (environmental, social, and governance) decision support;
- Real-time decision analytics using efficiency and productivity measures;
- Comparative studies of decision support tools in operational research.

Guest Editor

Dr. Thyago Celso Cavalcante Nepomuceno

Department of Statistics, Federal University of Pernambuco, Recife
50740-560, Brazil

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

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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

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