

CALL FOR PAPERS Statistics, Politics and Policy

Vol. 2022 No. 2

Special Issue: Machine Learning

The application of machine learning techniques in social sciences and economics has dramatically increased in quantity and quality in recent years. Machine learning tools simultaneously have become much better and more efficient in finding patterns in big data and evaluate complex, non-linear phenomena in almost all disciplines.

With this call we are providing a platform for learning-based methods applied to text analysis, data clustering, pattern identification or prediction and forecasting tasks in political, social, or economic research settings. We are looking forward to innovative contributions applying these methods to increase knowledge in their respective disciplines.

The call aims to publish scientific contributions based on machine learning in our SPP issue 2/22.

We envisage that the following topics can be addressed in submitted manuscripts:

1. Innovative applications of ML techniques
2. Improvements to existing algorithms, frameworks, or research methods
3. Applications of ML techniques in Social Big Data. E.g. Social Media Text Analysis
3. Forecasting and prediction tasks in conflict and security studies
4. Economic forecasting, market predictions and electoral forecast
5. Random Forest, Boosting Tree or Decision Tree Models
6. Deep Learning settings relevant for political or economic research
7. ML techniques applied to research questions in health care, policing, inequality, or environmental protection studies.
10. Covid-19 related ML-based research.

These are just a few examples of a multitude of different topics and questions that might be relevant and suitable for the call.

We encourage the submission of **research notes** (6,000 words max.) for this special issue.

Rewarding outstanding work

In 2022 the Board of Editors will award the Emil J. Gumbel Prize to the author of an outstanding contribution published in Statistics, Politics and Policy.

The reward includes a financial incentive of 500 USD.

Manuscripts should be submitted until July 31st, 2022.

All documents are to be handed in via our official SPP ScholarOne online center:

<http://mc.manuscriptcentral.com/dgsp>

Pre-formatting to our publication style is not necessary. Final formatting is required only after acceptance. We offer classical and open-access publication options. For author guidelines and further information on Statistics, Politics and Policy visit the website:

<https://www.degruyter.com/view/j/spp>.

You may also contact the Editor-in-Chief Uwe Wagschal (uwe.wagschal@politik.uni-freiburg.de) with questions. Manuscripts will be subject to a double-blind peer-review process. Accepted papers will be published in Statistics, Politics and Policy ahead-of-print in late 2022.

Kind regards,

Prof. Dr. Uwe Wagschal, Editor-in-Chief

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