

March 19, 2022

Journal of Machine Learning Research

Dear Editors:

We are writing to submit our manuscript “**geometric-smote - A Package for Flexible and Efficient Over-Sampling**” to the *Journal of Machine Learning Research*.

Our manuscript describes the implementation of the **Geometric SMOTE algorithm, a state-of-the-art over-sampling algorithm that has been shown to outperform other standard over-samplers in a large number of data sets**. Our contribution is important because the **geometric-smote** software project **provides the only Python implementation of Geometric SMOTE and integrates seamlessly with the scikit-learn ecosystem**.

We suggest the following action editors and referees for our submission.

Action Editors

- **Guillaume Lemaitre**, Parietal team, Inria, CEA, Universite Paris-Saclay ([guillaume.lemaitre@inria.fr](mailto:guillaume.lemaitre@inria.fr))

Reviewers:

- **Fernando Nogueira**, ResQ ([fmnogueira@gmail.com](mailto:fmnogueira@gmail.com))
- **Christos K. Aridas**, Computational Intelligence Laboratory, Department of Mathematics, University of Patras ([char@upatras.gr](mailto:char@upatras.gr))

Our submission has the following keywords: **machine learning, classification, imbalanced learning, over-sampling, Python**.

As the corresponding author, I confirm that none of the co-authors listed below have a conflict of interest with the action editors and referees I suggest above. Further, I confirm that all co-authors below consent to my submission of this manuscript to the *Journal of Machine Learning Research*.

Sincerely,

**Georgios Douzas** (NOVA Information Management School)  
**Fernando Bacao** (NOVA Information Management School)