

Dear Editors,

we are excited to submit the manuscript titled "mlr3spatiotempcv: Spatiotemporal resampling methods for machine learning in R" to the "Journal of Statistical Software".

The usage of spatiotemporal resampling methods in statistical and machine learning applications has become fairly popular in the last decade.

This trend is welcoming given the importance of this topic in all ML applications which involve spatial, temporal or spatiotemporal data to make bias-reduced performance estimates.

Yet the usage of such was not straight forward so far as no implementation existed which made partitioning methods easily applicable for users.

This is the point where the R package mlr3spatiotempcv comes into play: it offers a wide variety of spatiotemporal resampling methods and, by being an extension package of the widely known mlr3 machine learning ecosystem, makes their application straight forward, no matter which algorithm is about to be used.

We believe that this manuscript is a good fit for the Journal of Statistical Software and that scientists dealing with spatiotemporal machine learning will profit from this contribution.

This is a resubmission following the initial submission from 2021-10-23 with addressed editor comments from 2022-03-22 and pre-screening edits from 2022-07-14.

We confirm that there are no other submissions of this manuscript at other journals currently.

On behalf of the authors,
Patrick Schratz