

peer review 3: FES

Taras Khakhulin, Mikhail Pautov

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1. The main goal of this project is to provide a framework to work with feature selection methods. Authors provide two general methods: permutation importance (from sklearn) and Iterative Hard Thresholding (IHT). The pipeline allows to perform evaluation on both synthetic and real data.

2. All results could be reproduced less than in 10 minutes. The general structure is very simple and everyone can easily read the code, however, provided that you understand how kedro works, since the main part of the framework is working with this library. Too many folders are not used, and only because of the template are left.

3. In general, we would not use this package. One of the reasons is a large number of logs and the inability to turn them off, here almost all methods use print (that is, open logging in stdout). Meanwhile overall structure doesn't suggest library interface and has only variant how to expand kedro structure. We suppose that kedro give the ability to create experiments not framework. Easy to follow methods seems not difficult to understand what happens. We would like to note that kedro perfectly copes with its task, 8 lines and a couple of minutes of time to reproduce all the experiments of the project. This is both an advantage and a disadvantage of the project. Also, we hope that authors extend library with the third declared method.