Peer Rewiew №1: OMS on Koopman

Nikolay Kozyrskiy, Gleb Balitskiy

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1. **Are project objectives clearly explained? If not write what was not clear. Provide your opinion on the problem.**

   The authors have provided good theoretical description of the considered problem. Main problems and methods to solve them was mentioned. But, nothing was discussed about existing implementations and their weak parts. Moreover, it's not clear how the solution will be organized: will it be scalable or will it be implementations of the two mentioned methods.

2. **Is proposed baseline solution relevant to the problem? Could you recommend something to the team?**

   The chosen baseline solutions are relevant to the problem and are SOTA schemes. But, to make project aim more clear for us, authors may include some more insides about idea lying in heart of algorithms and point out main pros and cons.

3. **Is it clear from the report how the team is going to test / evaluate the results?**

   Evaluation process is not described in the report. But it's clear that authors will follow the evaluation protocol described in the referenced papers. So, we think that detailed description of evaluation process is not necessary in the report although some common words about it are desirable.

4. **Is it possible to guess next project development steps from the report and github repository? What a team is going to do next, provide with 3 next possible steps?**

   The next steps are not obvious according to the report but we will try to guess the following:

   - Refactor two existing repositories.
   - Implement Ray Optimization.
   - Write and perform tests.

5. **Would you recommend to improve the report and how? Or it is all good.**

There is some theory described in the Problem Statement and Main challenges sections but for now the report looks like a research proposal, not a report for a project. In order to clarify the aims and plans the authors should explicitly add the more or less detailed description of what they are going to implement in general and what functionality is going to be implemented in particular, which repositories they will take as the basis, what the evaluation criteria will be used.

6. **Is project github repository easy to follow?**

The GitHub repo is well organized and easy to follow.