Checklist

1. For all authors...

   (a) Do the main claims made in the abstract and introduction accurately reflect the paper's contributions and scope? [Yes]

   (b) Did you describe the limitations of your work? [Yes] In the implementation and deployment details (Section 3).

   (c) Did you discuss any potential negative societal impacts of your work? [No] It's hard for us to consider the negative social impacts of AMM, which is not an application but a fundamental data science operator.

   (d) Have you read the ethics review guidelines and ensured that your paper conforms to them? [Yes]

2. If you are including theoretical results...

   (a) Did you state the full set of assumptions of all theoretical results? [N/A]

   (b) Did you include complete proofs of all theoretical results? [N/A]

3. If you ran experiments (e.g. for benchmarks)...

   (a) Did you include the code, data, and instructions needed to reproduce the main experimental results (either in the supplemental material or as a URL)? [Yes] At https://anonymous.4open.science/r/LibAMM-5006/.

   (b) Did you specify all the training details (e.g., data splits, hyperparameters, how they were chosen)? [N/A] Model training is not involved.

   (c) Did you report error bars (e.g., with respect to the random seed after running experiments multiple times)? [No] The result in our running is stable multiple times.

   (d) Did you include the total amount of compute and the type of resources used (e.g., type of GPUs, internal cluster, or cloud provider)? [Yes] Single-thread, CPU-only for most comparison, and we additionally consider utilizing one GPU (Section 3).

4. If you are using existing assets (e.g., code, data, models) or curating/releasing new assets...

   (a) If your work uses existing assets, did you cite the creators? [Yes]

   (b) Did you mention the license of the assets? [No] They are open and license-free.

   (c) Did you include any new assets either in the supplemental material or as a URL? [N/A] We use all asset from existing works.

   (d) Did you discuss whether and how consent was obtained from people whose data you're using/curating? [N/A] The data is a public resource.

   (e) Did you discuss whether the data you are using/curating contains personally identifiable information or offensive content? [N/A] They are just open-source numeric values without any personally identifiable information or offensive content.

5. If you used crowdsourcing or conducted research with human subjects...

   (a) Did you include the full text of instructions given to participants and screenshots, if applicable? [N/A]

   (b) Did you describe any potential participant risks, with links to Institutional Review Board (IRB) approvals, if applicable? [N/A]

   (c) Did you include the estimated hourly wage paid to participants and the total amount spent on participant compensation? [N/A]