STATUS

We are applying for the `Available`, `Evaluated-Functional` and `Evaluated-Reusable` badges.

The reasons why we believe that the artifact deserves that badges:

- `Available` badge:

  The PyPar tool is open-sourced and uploaded to GitHub. It is under MIT License. See https://github.com/PyParTool/PyPar

- `Evaluated-Functional` badge:
  - Documented:

    The PyPar Tool is documented (see `docs/` directory). The documentation provides sufficient description of usage of the tool and functionality of the tool's components.
  - Consistent:

    The PyPar Tool is relevant to and consistent with the associated paper.
  - Complete:

    All components relevant to the associated paper is included in the PyPar tool.
  - Exercisable:

    The scripts to reproduce the experiment results in the associated paper is included (see `reproducing_pipeline/` directory). The scripts can be successfully executed, and the intermediate results are provided.
  - Include appropriate evidence of verification and validation:

    The scripts for reproducing and the intermediate results are provided. An example program is provided. The documentation shows how to reproduce the result.
- `Evaluated-Reusable` badge:
  - The PyPar tool has all the qualities of `Evaluated-Functional` badge, as explained above.
  - The PyPar tool is carefully documented and well structured:
    - The documentation includes `docs/`, `readme.md` and `reproducing_pipeline/readme.md`
    - The documentation shows the basic usage and gives an example.
    - The PyPar tool is composed of several components. Its structure is described in `docs/Overview.md`. The documentation describes each component's usage and functionality (see `docs/basics.md`), making it extensible. The users can easily understand the functionality of each components and reuse them for other purpose.
    - The scripts for reproducing experiment results are provided, see `reproducing_pipeline/` directory. The usage and functionally of each script are described in detail in `reproducing_pipeline/readme.md`. The users can easily use them to reproduce the experiment results and find parallelisms in other Python packages.
  - Norms and standards of the research community for artifacts of this type are strictly adhered to.