Reply letter

Dear editor and reviewer,

I greatly thank you for the improvement propositions for the paper "COP-Solver: open source software for solving combinatorial optimization and other decision problems - library for solving the multi-product p-batch processing time maximization problem".

Next I present the modifications made in the paper:

- I made a slight modification in the title by exchanging "batch" for "p-batch", seeking to better adapt the name of the problem to the nomination adopted in the literature;

- I modified the highlights to emphasize the impact of the paper;

- I rewrote the abstract seeking to highlight the impact of the proposed software package and the new method;

- I replaced the keyword "multi-product batch problem" with "p-batch problem";

- In Section 2.1 Architecture Software, I replaced the word "folder" with "subfolder" when appropriate;

- I changed the name of the section "Economic, technological, scientific and education impact" by "Impacts";

- I rewritten the "Impacts" section by citing and referenced the impact of the method and software. I included a brief explanation of the p-batch problems referencing with a state of the art paper. I also explained the importance and application of the proposed method better;

- In References section, I modified the first reference (paper name) and included two more references.

Coordially,

Tatiana Balbi Fraga