Arno Strouwen  
arno.strouwen@kuleuven.be  
Department of Biosystems, KU Leuven  
Kasteelpark Arenberg 30 - box 2456  
3001 Leuven, Belgium

July 11, 2019

Dear professor Walczak,

We are writing to submit our revision of the short communication: “A Note on the Output of a Coordinate-Exchange Algorithm for Optimal Experimental Design”. We have answered the questions and incorporated the comments of the reviewers to the best of our ability.

Some of the reviewers asked us to study the randomness of the coordinate-exchange algorithm in a variety of additional scenarios. We believe that a single counterexample is enough to show that the coordinate-exchange algorithm does not always lead to a perfectly random run order. The situations the reviewers suggested all lead to the same conclusion but analyzing them in as much detail as we did the original example would greatly increase the length of the manuscript, while being extremely repetitious. Instead of working out these additional examples in full detail, we have added an extra paragraph towards the end of the paper, indicating that our result also holds in the scenarios the reviewers suggested.

We submitted this contribution as a short communication as we envisioned it as a warning to experimental design practitioners that the output of the coordinate-exchange should be randomized, as illustrated by a simple example. Increasing the length of the manuscript would not add much to this message. Therefore, we prefer to keep the paper brief enough to serve as a short communication.

Best regards,  
Arno Strouwen & Peter Goos