Dear Prof. Toth,

We would like to express our sincere gratitude to you and the reviewers for the positive evaluation of our revised manuscript. We appreciate the constructive suggestions regarding the hardware specifications and the discussion on model interpretability.

We have carefully addressed these comments below. The point-by-point responses describes how we have incorporated these suggestions into the final version of the manuscript.

Response to the Editor and Referee (Dr. Munoz)

Comment 1: Dr. Munoz asks for some detail on the hardware for better interpreting the computational times.

Response: We fully agree that providing hardware specifications is essential for readers to understand the computational efficiency reported in Table 4. We have added, in Section 5.2 (lines 543-546), the specifications of the workstation used for calculation in this study.

Comment 2: He suggests (and I fully second his opinion) to provide a deeper and wider picture on the issue of interpretability of machine-learning models in the discussion in the limitation section (5.5).

Response: A paragraph has been added in the revised Section 5.5 (lines 680-690) to present a deeper and wider explanation concerning the interpretability of the machine-learning models.