

We have applied the specified minor revision in the manuscript. Please find our responses in italics inline with your comments below. We have identified line numbers of revised parts of the manuscript in the "Author's track-changes file" in the system.

Public justification (visible to the public if the article is accepted and published):

Thank you for your responses to the reviewers' comments. I have some responses of my own for which I am requesting minor revisions:

- Line 551: "lead" should be "led".

+ We corrected this mistake. Please see line 436 of the revised manuscript.

- Please mention in the manuscript that there is no economic component, which might be unintuitive to readers, as it was for Reviewer 1.

+ We applied this comment in the revised manuscript. Please see lines 119-120.

- Your response to Reviewer 2's first point is a good one. I think it's worth explicitly including in the Discussion (maybe at the end of Sect. 4.3) both their note that "policymakers do not have access to data-intensive training opportunities to optimize their strategies" as well as your response that that is why your model is useful—to inform policymakers.

+ We added a new paragraph addressing this comment. Please see lines 438-446.

- Figures 3 and 5 appear unchanged from the original manuscript. Did you forget to update them as you said in response to Reviewer 2?

+ We inserted new versions of Figures 3 and 5 in the revised manuscript.

+ Also, as requested by the journal, we merged the two reference lists into one, at the end of the main text.