

Dear Dr. Colleoni,

Thank you for handling the editing process of our manuscript. We have addressed all the comments from the reviewers, and incorporated their suggestions into the revised version of the manuscript (exactly as described in our point-by-point responses to reviewers suggestions in our respective Author Comments).

Specifically, we have reorganized the manuscript significantly for clarity (both at the large scale, with some reordering and renumbering of section headers, and at the smaller scale, in terms of moving text around and streamlining the content). This includes the addition of a summary table that synthesizes the various metrics we develop, including the variables used in our in-text equations, and contextualizes these metrics within the different model/data comparison approaches that explore in this work. Overall, we feel that these changes have resulted in improved accessibility for a wide range of readership.

In addition, we have made improvements to many of the figures, and rectified the main concern of Reviewer 1 by citing all original data sources for exposure-age datasets shown or discussed in this manuscript.

Thank you again for your consideration.

Anna Ruth Halberstadt