

I thank referees and editor for reviewing our manuscript and providing valuable comments and suggestion.

Enclosure:

The track changed manuscript is provided. Yellow highlights are text added to the manuscript and Red highlights are removed from the manuscript.

Responses to RC1:

- On lines 125-126 inches should be converted to metric to match the rest of the paper
 - o Thanks for pointing it out. Feet is changed to centimeters.
- On line 203 the word separately is missing (the response to reviewers indicated it was added it is not here)
 - o Manuscript is updated with the word separately added.
- On line 270, only need to define variables once
 - o Repetitive variable definitions are removed. Thanks for noting.
- On line 330, $y_{i,j}$ is missing the hat
 - o Manuscript is fixed
- Section 4 presents results. I recommend integrating this into the results section
 - o Section titles are updated. Since the framework has two main parts of preprocessing and modeling, authors decided to keep them in two separate sections to make it easier to understand. As reviewer suggested, section titles are changed to preprocessing results and modeling results.
- In the caption for Figure 9 note what the colors refer to.
 - o Caption is updated in the revised manuscript.
- The first two sentences of section 5.1 are methods not results and could be removed.
 - o The method descriptions are removed.
- There is a comma missing after important on line 488
 - o The manuscript is updated.