

## Author Response to Technical Corrections: Assessing the spatial correlation of potential compound flooding in the United States

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Dear Editor,

We would like to thank you and Reviewer #2 again for the time and effort devoted to reviewing our revised manuscript. We are pleased to hear that the manuscript can be accepted for publication after addressing several minor technical corrections.

In response to these final comments, we have made the following revisions:

1. Replaced  $\mathbb{R}^d$  into  $\mathbb{R}^m$  at L267 and L269, and defined  $m$  as the number of locations for a particular study region;
2. Updated the DOI for the scripts developed in the manuscript to the correct one at L596;
3. Added references for the external packages used in the study to the Code Availability section.

We appreciate your consideration and are grateful for the constructive feedback that has helped improve our manuscript.

Sincerely,

Huazhi Li on behalf of other coauthors