

**Resilience of UK crop yields to compound climate change**

**Responses to Editor's comments**

*September 2022*

04 Sep 2022

**Editor decision: Publish subject to technical corrections**

**Comments to the author:**

Dear Authors,

I believe that you have satisfactorily addressed the remaining reviewer concerns, and am glad to accept your manuscript for publication in ESD subject to technical corrections. Specifically, I would suggest the following two edits:

- Mention the "predicted R2" somewhere in the text, else the statement added in Sect. 2.5 risks remaining somewhat cryptical to the reader. Moreover, this is a key point to addressing the overfitting concern raised by one of the reviewers.
- ll. 245-246 (in the tracked changes manuscript) Make sure that an appropriate reference is provided for this statement on the (CMIP5 and) CMIP6 models, as well as elsewhere where this point is raised.

Best Regards,  
Gabriele Messori

*Dear Gabriele Messori,*

*Thank you very much for your acceptance and positive evaluation of the revised manuscript. We have added the Predicted R2 at line 186, and added a reference at line 247 of the revised manuscript, as requested.*

*With best regards,  
Louise Slater*