

Interactive comment on “Partitioning climate projection uncertainty with multiple Large Ensembles and CMIP5/6” by Flavio Lehner et al.

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The manuscript has been revised by addressing all points by the reviewers (see individual replies to reviewers). In addition, the manuscript has been revised for readability and to address the following issues:

- Fig. 4c and associate text was an accidental duplicate of Fig. 3c and has been corrected.
- It was erroneously reported that the SMILE ensemble means and HS09 polynomial fits were smoothed with an additional 10-year running mean. They were not. The results do not depend on this. The respective text was removed from Section 2.2

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- “Method error” was changed to “method bias” throughout the paper as we recognize that the issue with the HS09 approach is systematic rather than random in that it tends to attribute internal variability to model uncertainty (but not vice versa).
- An additional method to calculate scenario uncertainty was brought to our attention and included in the Supplementary Information to illustrate the various possible approaches, but not used for the main paper.

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