

Interactive comment on “Seeking for the rational basis of the median model: the optimal combination of multi-model ensemble results” by A. Riccio et al.

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I appreciate the technical level of the paper. However my question is concerning the following general thing. Ensemble estimation is finally weighted interpolation of results calculated by different models. Consequently, it should possess the general property of all weighted interpolations: smoothing of maximums and minimums of distribution. Contrary to meteorological fields, such as temperature or wind, maximum concentration of pollutant following the accidental release is highly inhomogeneous field, and maximum concentrations are of special interest. Don't authors think that it can be a problem in communicating the ensemble predictions to decision makers?

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