

Responses to comments on egusphere-2022-244

"Performance of the flood warning system in Germany in July 2021 – insights from affected residents" by Annegret H. Thieken et al., EGU sphere, 2022

Dear editor, dear Daniela, dear reviewers,

thank you very much for accepting our revised version of the paper. We would like to emphasize again that the comments of the two reviewers were very helpful and really led to an improved manuscript.

With regard to the technical request ("I am referring to the request of one of the referee to add English references on the use of the Likert scale, in addition to the German book of Porst."), we now added in the main text the following sentences and references. Besides the German textbook, we provide a recent internationally peer-reviewed paper on this issue (lines 187ff in the revised paper):

"In general, data from rating scales that are end labelled are usually assumed to be equidistant, i.e., interval-scaled, according to Porst (2014), which was recently confirmed by Höhne et al. (2021) for questions on income (in-)equalities. Therefore, the survey data were mainly treated as quantitative data although in principle the equidistance of each rating scale needs validation."

References:

Höhne, J.K., Krebs, D., and Kühnel, S.-M.: Measurement Properties of Completely and End Labeled Unipolar and Bipolar Scales in Likert-type questions on Income (In)equality, Social Science Research, 97, 102544, doi.org/10.1016/j.ssresearch.2021.102544, 2021.

Porst, R.: Fragebogen – ein Arbeitsbuch, Springer VS, Wiesbaden, 4th edition, DOI 10.1007/978-3-658-02118-4, 2014 (in German).

We hope that this meets your expectations and we are looking forward to the production process.

Best regards

Annegret Thieken (on behalf of all co-authors)