**Author's response to reviews**

**Title:** Household preferences for reducing greenhouse gas emissions in four European high-income countries: Does health information matter? A mixed-methods study protocol

**Authors:**

Alina Herrmann (alina.herrmann@uni-heidelberg.de)

Helen Fischer (helen.fischer@psychologie.uni-heidelberg.de)

Dorothee Amelung (dorothee.amelung@psychologie.uni-heidelberg.de)

Dorian Litvine (dorian.litvine@gmail.com)

Carlo Aall (caa@vestforsk.no)

Camilla Andersson (camilla.andersson@umu.se)

Marta Baltruszewicz (mba@vestforsk.no)

Carine Barbier (barbier@centre-cired.fr)

Sébastien Bruyère (sebastien.bruyere@tec-conseil.com)

Valérie Louis (Valerie.Louis@uni-heidelberg.de)

Francoise Bénévise (fbenevise-lazuli@yahoo.fr)

Ghislain Dubois (Dubois.ghislain@tec-conseil.com)

Karen Richardsen Moberg (krm@vestforsk.no)

Maria Nilsson (maria.nilsson@umu.se)

Bore Sköld (bore.skold@umea.se)

Rainer Sauerborn (rainer.sauerborn@urz.uni-heidelberg.de)

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Dear Editors,
thanks for your help to revise the manuscript. Please find responses to your requests below the cited requests:

"(1) Please remove all information from the title page of your manuscript apart from the title of the study, the list of authors and their affiliations. All points relating to ethics approval, Declarations etc should be removed."

As requested we removed the cover letter from the beginning of our manuscript and only enclosed the title, list of authors and affiliations on the first page. We will enclose the cover letter as separate file (transfer report) and hope that this is the right place for the cover letter.

"(2) Please provide your 'Declarations' just before the References of your manuscript as detailed in the guidelines here: https://bmcpublichealth.biomedcentral.com/submission-guidelines/preparing-your-manuscript/study-protocol. Within your 'Ethics approval and consent for participation' section, please ensure to list all of the ethics committees which granted approval for your study. Please also complete the 'Funding' section of your Declarations so this states who funded the study (remove 'See point 2.')"

We provided the declarations as requested.

Furthermore, we made minor changes in Figure 1 (changing the word health effects to health impacts) and in the 2.7.2. quantitative data analysis section. Please find the changes made in 2.7.2 below.

OLD version:

First, in the quantitative analysis three analyses of variance (ANOVAs) will compare households’ preferences to implement mitigation measures with vs. without the additional health information with respect to all three dependent variables. The main quantitative dependent variables are: (1) mean rating of each measure, (2) number of measures with positive health effect that were selected in the voluntary scenario, and (3) number of measures with positive health effect that were selected in the forced scenario.

Revised Version:

First, in the quantitative analyses of variance (ANOVA) will compare households’ preferences to implement mitigation measures with vs. without the additional health information with respect to (1) the main quantitative dependent variable, the mean rating of the measures, and also (2) number of measures with positive health effect that were selected in the voluntary scenario, and (3) number of measures with positive health effect that were selected in the forced scenario. Second, a regression analysis will be performed to assess the strength of a possible effect of the health information on the dependent variables while controlling for a number of possible confounds (demographic variables and household characteristics).
We hope to have answered your requests sufficiently. Thank you very much for your support.

With kind regards,

Alina Herrmann (for the HOPE team)