Reviewer's report

Title: Health adaptation policy for climate vulnerable groups: A 'critical computational linguistics' analysis

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Reviewer: Pol De Vos

Reviewer's report:

Comments:
- Interesting analysis, with a nice combination of quantitative and qualitative elements.
- The title and abstract convey with the content of the manuscript.
- The research question is clear and specific.
- Methods are well described.
- Data are sound.
- All included data are public and no problems exist with data deposition standards.
- Discussion and conclusions are well developed an adequately supported by the data.
- Other references and former work on which the authors build are clearly mentioned.
- The document is well-written and easy understandable.

Minor Essential Revisions:
- The only problem I have with the abstract is that it does not mention the essential fact that the 12 countries included are industrialized countries. Of course, this is well mentioned in the manuscript, but to me it seems to be an essential ‘detail’ that should be mentioned in the abstract. (Moreover, I prefer ‘industrialized’ or ‘high income’ countries above ‘developed’... From a linguistic point of view, a clear definition on ‘being developed’ would be a complex challenge.)
- In my view, there might be a slight problem with the description of the limitations of the analysis:
  a/ The fact that only English documents were included, is understandable. But it should be stated that many government documents might exist that are not written in English (has it been checked?). When speaking on local analyses of the problems of specific vulnerable groups, these might have been written in other languages. If not checked, this language barrier could be important.
  b/ Also the fact that no implementation documents were included, might have led to the exclusion of specific strategies for vulnerable groups (possibly with a more
general analysis). Again, if not checked, it could be important. These limitations should be briefly discussed.

Discretionary Revisions:
- In the discussion, I would have expected a broader analysis of the social and economic determinants that are common (or not) for the mentioned vulnerable groups. These will probably be related to poverty in economic terms, in communication possibilities, in education opportunities, etc.
- Also a (reference to a) broader description of the definition and content of vulnerability, and why these different aspects should be included in a health adaptation policy, would strengthen the given analysis, and lead to stronger conclusions.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
I declare I have no competing interests