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Interactive comment on "Weigh(t)ing the dimensions of social vulnerability based on a regression analysis of disaster damages" *by Vincent David Corvin Heß*

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Thank you very much for your helpful additional comments and remarks.

If anything, the paper is mainly on methodology, is lacking a case or example, but this in itself is also fine, since it is in focus and does provide advancement and clarity. Of course, it would be nice seeing how this transpires into significant effect when visualising vulnerability indices or, how and which individual indicators can inform differently.

Thank you for this suggestion. We considered visualizing the vulnerability indices via

vulnerability maps, but finally decided that the results are out of scope for the conclusions of this paper.

> The only additional recommendation however, is to include a bit more critique already published on vulnerability indicators, and citing review papers. For instance, King 2001, Rufat and de Sherbinin could be added.

These are great suggestions which I will highly consider to include in an updated manuscript, especially for an in-depth rewrite of the discussion and definition of vulnerability as used in this paper (see other referee responses and the final response).

> In line 27, reasons and explanations could be added to "The citizens per fire station and the average household size decrease vulnerability for per capita damages."

Since the result is in line with the expected influence I did not further evaluate this statement. To make this clear, I will include the information that these results were expected from the theoretical justification.

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Discussion paper