Review of: "Influencing variables of health: dimensions and their determinants – A systematic review"

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The authors should be commended for taking on an arduous task of pulling together this large database of health determinants. The task and article is timely as public health and health promotion goals have shifted into a more comprehensive understanding of health reflected by many domains and dimensions.

There are several strengths of the paper. (1) Comprehensive supplemental materials make it easy to retrace the activities of the review. Tables 3, 4, and 5 are particularly helpful to the reader. (2) Kaiser's (2021) health dimensions model provides a strong framework for the project. (3) The review provides a model for other researchers to use moving forward for instrument development or reliability and validity studies of the reviewed instruments.

Some areas that could improve the paper are as follows: (1) The term 'undirected' for variables that can influence health positive or negatively is confusing. Using the example of sleep, I would not consider that undirected. Perhaps there is another term that could better capture the dual outcomes of those variables (e.g., bidirectional?). (2) The authors already addressed it in the limitations, but some review of the psychometric properties of the instruments would be more helpful, especially indicating published effect sizes. For a multidimensional model to work for consumers, moving beyond statistical into practical significance is much more important. I would love to see future work draw more attention to this as people weigh the feasability of different factors in making lifestyle changes.