Reviewer's report

Title: Against Quantiles: categorization of continuous variables in epidemiologic research, and its discontents

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Reviewer: Ralph Sacco

Reviewer's report:

This manuscript is extremely clear, well-written, succinct, and probably easily understood by a clinical researcher with minimal formal epidemiologic methods training. I think it is an excellent summary of the pitfalls inherent in modeling continuous exposures using quantiles and alternative approaches, and is an important article for most epidemiologists to read as a reminder of these issues. However, I did not read anything novel in this manuscript, nothing that would not be known by other epidemiologists in the field. It is helpful for clinicians to hear this point of view.

Minor Essential Revisions

My only suggestion is that the authors provide citations for examples of the suggestions raised in the bottom paragraph on page 11.

I was assisted by Hannah Gardener, DrPH (Epidemiologist)

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 that I have no competing interests