Qeios

Peer Review

Review of: "Cultural and Regional Influences on Global AI Apprehension"

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This is an important topic, and I encourage the author to respond to reviewer feedback on the preprint so that their findings can be published.

Foremost, I want to draw attention to Mary Carman's review, which identifies several points that I also feel are important to address, e.g., the author needs to provide more information about the studies they included, explain their choice of the countries in section 6, and address Carman's concerns that there is insufficient evidence to support some claims in part because "the references tend to be to theoretical pieces or commentaries and not to primary research into the apprehensions."

In addition, I note that many of the author's claims seem to be supported by a single reference and that the reference provided may not be sufficient. It would help me to understand the author's findings if they created a table with the themes they identified from their literature review, which identifies all the articles supporting each theme.

Further, the author should define "Western" and "non-Western" societies.

As a minor issue, I note the unnecessary repeated presentation of the text "artificial intelligence (AI)" after the abbreviation "AI" has been defined.

Lastly, and noting this may be beyond the scope of the paper, I would be interested in learning how apprehension about AI in non-Western countries may be related to concerns that AI systems are not necessarily transferrable between jurisdictions that are very different from each other. To pick an illustrative example, people may be justifiably concerned that an AI dermatology tool or AI facial recognition tool trained mostly on images of light-colored skin would not work well in a jurisdiction where most people have dark-colored skin. In addition to personal characteristics and social determinants of health that could affect AI performance (such as language, ethnicity, gender, presence or absence of a disability), it would be interesting to explore how differences in context (e.g.,

the ways that social institutions are organized) could contribute to apprehension when AI systems that are developed in Western societies are implemented in non-Western societies.

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Declarations

Potential competing interests: No potential competing interests to declare.