

Review of: "Mapping the Canadian Research Landscape in 2023"

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Potential competing interests: No potential competing interests to declare.

The introduction, although well-written, needs to be supported by scientific references. In fact, I couldn't find any scientific references in the article, which is particularly unusual within the scientific process.

The methodology is unclear. The process of selecting articles is not clear. It's not evident how the website <https://www.cicic.ca/2/home.canada> helped in reducing and identifying references. I believe a flowchart would be more obvious, with the number of articles and exclusions, following the PRISMA guideline style.

There is a focus on private universities and institutions, which have much lower output than public ones. This seems forced, as the author is a professor at one of the evaluated private universities. Additionally, the author is identified as the principal author in numerical terms among private universities.

The article lacks a discussion about the importance of the results and a comparison of Canadian output with the rest of the world and similar countries, preferably adjusted for GDP and population.

One limitation of the study is the lack of evaluation of the quality of references. It would be interesting to at least compare the impact factors of journals. Metrics such as cites per document (cites/doc) or other measures available from SCOPUS could be useful.

In summary, while the article is interesting and potentially useful, in scientific terms, it lacks clarity and methodological rigor for a scientific publication in its current form. I do not recommend its publication in its current format, but rather after extensive revision of the writing, methodological rigor in writing, inclusion of references, and a more comprehensive discussion including the limitations and future implications of the results.