

# Review of: "Digitalization of research: do ICT improve scientific production in developing countries?"

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**Potential competing interests:** No potential competing interests to declare.

Although the article aims to analyze the role of Information and Communication Technologies (ICT) in researchers' productivity, it primarily focuses on the Internet.

It is crucial for the article to justify why it specifically focuses on the Internet within the broad spectrum of ICT. The absence of such justification can lead to confusion or a misinterpretation that the Internet is the only relevant component of ICT in this context.

Expand the discussion to include other forms of ICT, or provide a clear and detailed justification for why the Internet is the main focus of the study.

## **The introduction is lengthy and presents discontinuities in writing.**

A lengthy and disjointed introduction can hinder understanding of the study's purpose and scope. Clarity and conciseness are essential to engage and maintain the reader's attention.

Shorten the length of the introduction, focusing on the most critical aspects of the study. Ensure there is a logical and smooth transition between different points presented.

## **The data used in the study is outdated.**

Using outdated data can impact the relevance and applicability of the study's findings, especially in a field as dynamic as ICT.

Consider updating the data set, or provide a rationale for why the old data is still relevant for the current study.

## **There is a lack of presentation of fundamental concepts such as ICT.**

The absence of clear definitions can create ambiguities and misunderstandings about critical aspects of the study.

Include a section that defines and explains key concepts, especially ICT, to establish a solid foundation for the analysis.

## **The methodology lacks detail and needs revision regarding the range of years studied.**

An insufficiently detailed methodology can question the study's validity and reliability.

Elaborate more on the methodology used, including the selection of the years range, data collection and analysis methods, and justify these choices.

## **The conclusions need improvement.**

Conclusions should accurately reflect the study's findings and their significance within the broader context of the researched topic.

Refine the conclusions to highlight key findings, their implications, and potential directions for future research.

The article presents a valuable and relevant research topic but requires significant improvements in various aspects to strengthen its validity, relevance, and comprehensibility. With the suggested modifications, the study could offer a more

substantial and meaningful contribution to the field of ICT and scientific production in developing countries.