

Review of: "Beyond the Fear of Artificial Intelligence and Loss of Job: a Case for Productivity and Efficiency"

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Potential competing interests: No potential competing interests to declare.

The article is good for a general audience, but does not produce new insights that would be valuable for a scientific journal. It provides an overview of the nature of AI as an important technology, or set of technologies, and gives some indication of its impact on jobs. The following recommendations regarding the substance of the article are provided with the aim of improving the quality of the article:

- 1. Including a definition of AI is important, but since there are various definitions used in academic literature, research reports and legal frameworks, it would be valuable to include more than one definition, e.g. the one used by the OECD: "a machine-based system that can, for a given set of human-defined objectives, make predictions, recommendations, or decisions influencing real or virtual environments".
- 2. In discussing the types of AI, it would be useful to include some discussion about foundational models, which is currently a hot topic. In this respect the definition in the EU AI Act (2023) could be a good starting point: "an AI system model that is trained on broad data at scale, is designed for generality of output, and can be adapted to a wide range of distinctive tasks".
- The reference to 'concerns about 6th Amendment rights' appears to refer to the USA context, but the reference is not complete and should be corrected. Perhaps a reference to an international human rights legal document could be more relevant.
- 4. The structure could be improved, e.g. by creating more coherence between the topics of AI and modern economy, potential job losses, productivity and efficiency, which could include slight rewording of headings. It is not clear why the topics of 'security' and 'health' are currently placed right after 'AI and modern economy'. These topics are important both from a societal and individual human rights perspective and should be discussed in this article, but its placing should be reviewed.
- 5. While the article's focus is on the impact of AI on jobs, relevant statistics in the sections on productivity and efficiency could add value.

There are also some drafting issues that require the attention of the authors, such as correcting grammatical and typing errors.