Review of: "Collaborative Intelligence: A scoping review of current applications"

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Potential competing interests: No potential competing interests to declare.

The paper embarks on an interesting investigation: identifying and characterizing collaborative intelligence cases. Showing the range and diversity of the tools is also interesting.

However, some deeper reflection on these questions can strengthen the study and deepen the insights

1. Is collaborative intelligence a state of technology/tool or it is a “form of interaction and relation between technology and human actors”? I think the paper starts by the latter, but the analysis focuses more on the former.
2. What is “not” a collaborative intelligence? I had a hard time excluding many of the algorithmic and robotic technologies which are already deployed in aviation or healthcare from your definition. Perhaps looking back into the literature and cases of interactive “expert systems” in 80s and 90s provide a rich background. What is special or different about collaborative intelligence today?
3. I guess your methodological approach is closer to the “technography”[1][2] than the traditional literature review: the unit of analysis of the technography is the technology and its evolution (while the unit of analysis in literature review is a study/research).
4. Finally, given your definition of collaborative intelligence, I think it is equally relevant to unpack the “modes of collaboration/interactions” involved, (next to the characteristics of the technology). The same tool can be enacted as a collaborative intelligence process depending on how it is used or enacted. I think various studies on the new modes of human and AI interaction (e.g., reflective practices, augmentation of actions and decisions) are helpful to be discussed.

Best wishes with your research.

References

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2. ^*Martin Berg. (2022). Digital Technography: A Methodology for Interrogating Emerging Digital Technologies and Their*

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