

Review of: "A Perspective for Economic and Social Unfoldings of AI"

Jasmine Mondolo¹

¹ Università Politecnica delle Marche

Potential competing interests: No potential competing interests to declare.

The author attempts to conduct an overview of some characteristics and implications of AI technologies, which have been rapidly spreading and advancing and which have received significant attention by the empirical literature concerning also the field of social sciences.

Even though I found some interesting pieces of information here and there, I think that the article would benefit from a partial reorganization of the contents and from the inclusion of more references and details on the aspects under scrutiny. The first section may be a section that provides some background, discusses the ambiguous definition of AI, compares it with that of machine learning and others etc., as the one already existing. I would maybe make some comparisons with a couple of other partially overlapping definitions, such as new enabling technologies or (new) digital technologies, and I may move here the discussion of Section 4, where you also recall the concept of machine learning. In another section, I would review the literature on the factors that foster/prevent firms from adopting AI technologies (see for instance Kinkel et al., 2022: "Prerequisites for the adoption of AI technologies in manufacturing –Evidence from a worldwide sample of manufacturing companies") , where you may also discuss the topic, that you introduced, of funding (in this regard, you may take a look at the article: Andargoli et al. 2022: Government's support for adoption of digital technologies and firms' innovation during the COVID-19 pandemic). Finally, I would devote a section on the implications of AI in terms of employment and/or firm performance (see for instance: Wang et al., 2023: "The impact of artificial intelligence on total factor productivity: empirical evidence from China's manufacturing enterprises") and try to highlight which types of workers and firms would mostly reap the benefits of AI and the ongoing technological revolution.