

Review of: "Conceptualizing Predictive Conceptual Model for Unemployment Rates in the Implementation of Industry 4.0: Exploring Machine Learning Techniques"

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Potential competing interests: No potential competing interests to declare.

- The author(s) in the abstract state: "*The examination of the literature uncovered that considerable influence on unemployment rates in these nations is attributed to elements such as economic growth, inflation, population increase, education levels, and technological progress.*". There is evidence, in the literature, that financial indices also play a crucial role in unemployment forecasting (see a list of papers below). According to economic theory, it is expected that the stock market will have a significant effect on employment. The same applies in the introduction section where the author(s) mention it again.
 - Pan, W. (2018). Does the stock market really cause unemployment? A cross-country analysis. *The North American Journal of Economics and Finance*, 44, 34–43. <https://doi.org/10.1016/j.najef.2017.11.002>
 - Sibande, X., Gupta, R., & Wohar, M. (2019). Time-varying causal relationship between stock market and unemployment in the United Kingdom: Historical evidence from 1855 to 2017. *Journal of Multinational Financial Management*, 49, 81–88. <https://doi.org/10.1016/j.mulfin.2019.02.003>
 - Gogas, P., Papadimitriou, T. and Sofianos, E. (2021) 'Forecasting unemployment in the euro area with machine learning', *Journal of Forecasting*, 41(3), pp. 551–566. doi:10.1002/for.2824
- In section "*research methods*", the first two paragraphs should be deleted or briefly mentioned in 1-2 sentences. The way a literature review is conducted, and the usefulness of the potential outcome are really straightforward and basic, thus, they should not be mentioned.
- The same applies for the section "*The literature review steps used in the study*". These questions are answered in the literature review itself and the whole section describes the very common way a literature review is conducted.