

Review of: "Why are there different versions of the COM-B model diagram?"

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This short paper provides a basic introduction to the COM-B model, which can be helpful for readers unfamiliar with it. However, I found it lacking in terms of overall contribution and purpose, as similar information is readily available elsewhere. The authors merely outline different causal dynamics within the COM-B model without offering an analysis of their pros and cons or empirical evidence supporting specific diagrammatic representations.

Additionally, the paper seems somewhat disjointed. The inclusion of topics such as the focus of behavioral sciences on predicting average group behavior and the different meanings of COM-B constructs on higher analysis levels seems irrelevant to the main subject. Also, it remains unclear on what basis the authors conclude that the simplest version of the COM-B model is sufficient and beneficial for many purposes.

To enhance the paper, I suggest the following improvements.

First, the authors could briefly review empirical evidence for different COM-B diagrams, enabling a comparison and conclusion regarding the most useful representation of the model and/or the specific contexts in which each representation proves more effective.

Second, the section "Further variants of the COM-B model diagram" should be removed as it does not contribute to the paper's goal and disrupts its flow.