

Review of: "Enhancing Supply Chain Management Risk Mitigation: A House of Risk Methodology Applied to Brick Manufacturing in Aceh Besar Regency"

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Potential competing interests: No potential competing interests to declare.

For Fig. 4, the number of participants must be on the secondary vertical axis. The percentage and the number do not use the same unit and must be identified on different axes. For 1, 2, ..., the categories could be on those numbers. Please identify those categories in the preview paragraph. Descriptions of numbers could be in the same paragraph that cites figure 4 (before the figure).

Please cite Table 3 in the preview paragraph. At this point, it is interesting to see how much severity, occurrence, and relationship each risk has. Traffic congestion is the first with ARP 503.4, but the table must also show its occurrence and severity. These details help the reader understand how to assess the risk. Please sort the agent risks by ARP, using the Pj. Please define in an easily understandable way where the priority risk is.

The theoretical background presents the SCOR model, but this is the first attempt to identify the activities. Then, use the SCOR model in section 2.1 and explain how the activities are related to figure 3, because in results it only shows the first section.

For the HoR phase, the literature review shows indicators of efficiency. But they are not presented in the results. Even though they are important, then explain why these estimations are not shown in tables or graphs. If the Phase 2 does not need these calcs, then do not explain them in section 2. If they are needed, then the article is very incomplete to conclude from these results.

The method presented as the House of Risk is well explained in section 2. Although the results do not show the necessary detail on how to apply this method, even for other industries, the study does not underscore the importance of implementing effective risk mitigation strategies in the realm of brick manufacturing in Aceh Besar Regency. This sentence requires another study with a large sample of brick manufacturing, with other risks, to show that importance.

Conclusions must focus on how to apply the HoR and detail the steps. At this point, results can help understand some details that are not advised in the method, or confirm how this method is really easy to use and understand.

The quantitative phase of the research method is very limited because the unit of analysis is not detailed. The difference between the 12 interviewed persons is not contrasted to explain how they discorded in some decisions, or if they have

other occurrences and severities from their risks. That difference is not presented in the results, and the HoR does not present any input to estimate that. Please check if it is possible to resume in figures how these differences affect the main results.