The study entitled “Scenario-based assessment of emergency management of urban infectious disease outbreaks” tries to assess the empirical analysis and scenario extrapolation using a questionnaire survey of 18 experts, based on the CIA-ISM method and scenario theory, to obtain the key factors influencing urban infectious disease outbreaks. The manuscript is well organized and the methodology is considerable to accept for publication. However, I suggest some improvements below:

1. Provide some research gaps in the introduction.

2. Please explain all variables and how you categorized them. If needed, provide references.

3. Please follow some recently published papers related to your study from high-impact journals.

4. Please follow the STROBE guidelines.

5. Please explain, how you reached the final model, do you use any model evaluation techniques like AUROC, multicollinearity, feature selection, P-value, etc?

6. Please, explain the discussion based on your findings in brief. You can follow them:

<https://www.sciencedirect.com/science/article/pii/S0269749122008934>

<https://www.frontiersin.org/journals/pharmacology/articles/10.3389/fphar.2023.1090717/full>

<https://www.cambridge.org/core/services/aop-cambridge-core/content/view/B070CA592218E283C68F9BF5AA787C21/S0950268820002046a.pdf/the-global-health-security-index-and-joint-external-evaluation-score-for-health-preparedness-are-not-correlated-with-countries-covid-19-detection-response-time-and-mortality-outcome.pdf>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8176487/>

<https://www.frontiersin.org/journals/public-health/articles/10.3389/fpubh.2022.875727/full>

<https://www.sciencedirect.com/science/article/pii/S246858442200071X>

<https://www.sciencedirect.com/science/article/pii/S004896972206449X>

<https://www.sciencedirect.com/science/article/pii/S2772707623000115>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9977696/>

<https://www.sciencedirect.com/science/article/pii/S2666016423001159>

7. There is a great deal of room for improvement in both writing and grammar. I advise the authors to work with a writing coach or copy editor to improve the flow and readability of the text.