Review of: "Digital UAE - a platform for demographic processes management"

Nedra Amara[1]

1 University of Orléans

Here is a technical analysis of the work:

- Agent-based model: The use of an agent-based model is appropriate for individual actions performed in a population. This approach allows for the assessment of diversity and the modeling of complex interactions among individuals, which is important for population prediction

- Context and Resources: The study examines various issues such as urbanization, migration policy, women's empowerment, etc. It would be helpful to provide more information on how these issues are defined, with standards and considerations used in each situation are included.

- Simulation methodology: The simulation process is described in some detail, but an in-depth explanation of the specific methods and algorithms used to simulate mortality, reproduction, and migration may provide greater clarity on how these processes are modeled around.

- Comparability of the results: The presented results show the projected population through 2050 in each scenario.

- Limitations and Methodology: The article could benefit from a section devoted to discussing the limitations of the study, such as the sensitivity of the results to the assumptions used or differences a possible in the data provided. In addition, discussion of future research directions or possible improvements in the model would be useful.

- In summary, the article provides an in-depth analysis of population prediction based on an agent-based model, but further details and a thorough discussion of methodology, data, and limitations will be imposed robustness of the research.