

Review of: "Multivariate Time-Series Data Generation in Generative Adversarial Networks"

Jose Ramon Villar-Flecha¹

¹ Universidad de Oviedo

Potential competing interests: No potential competing interests to declare.

This study would be interesting if the authors try to prepare a more complete version.

Firstly, there are a really and significant number of errors in the writing. Some found issues include -but limited to- defining acronyms after their previous use, sentences without meaning or incomplete, missing symbols, etc. Reading this paper is an exercise of patience.

Then, the authors must make crystal clear what their proposal is and how it differs from other published research. They mentioned that they based their research on some papers, please include details about your differences. Introducing flowcharts helps in clarifying the ideas.

Concerning their approach, they have to revise and complete its description as it is rather vague and it is impossible to replicate. So a serious rewriting of this part is needed.

Moreover, the authors must revise and complete the references: they are in short number, they are incompleted, they even include errors.

WRT the experimentation, I have to say that this is a complete mess. You should first define de data (citing where the data is available) and the experimentation set up (how you use the data, cross-validation, etc.) as well as the queliity and performance measurements. Then you run your experiments according to the experimental set up and show the results, which you then discuss. Any other organization leads to a complete misunderstanding.

With all of these important and relevant modifications, this paper must be revised again to see whether it is valid for publication or not.