

Editor's Comment:

I am sending you the comments on the manuscript both in the text of the manuscript and the reviewer's form. The manuscript is important. In my opinion, however, there are several questions to be addressed before publication.

I think the abstract has not covered the importance of the statistical measurements into the practical use in the field (cultivation of Water melon...) or other forms implementation (government policy or solutions etc.), the reason is partly because the implementation part was not discussed in the manuscript.

The structure has covered the necessary sections...

Some questions and suggestions need to be addressed

- The original, raw data (secondary data from the government institution) of the 3 parameters (area, production, productivity) were not given, this is to ensure the readers of from where the analysis were made
- The graphs of the trends of the three parameters (the ones, which are presented in the manuscript) can be combined in one graph but discussed in the text separately.
- It should be determined from the analysis (given in Table 1), which trend out of the three analysis (linear, Log or quadratic), most fit the trend of the raw data of each parameter measured. Also indicating why (in what bases the decision is made, significant?).
- The discussions are based only on the statistical analysis; there should be more discussion on the implication of the analysis to the water melon cultivation etc.
- Some other questions are given in the text, attached.

The references maybe added when discussions are widen and more references included.

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