

A brief summary

The aim of this paper is to study who was eligible to apply and get accepted to the European program "Harmonization of family and business life" for the period 2011-2022, using financial on/off criteria. In this paper, an EU subsidized program under the main strategic plan for Growth in Greece, the Partnership agreement for the Development Framework (ESPA) and analyses the motives of the participants that caused the progress of the program both pre and post Covid-19 pandemic. The authors claimed that (1) the factor interfering with the 11 mother's decision to apply prior to Covid-19 was her family status. (2) for the post-Covid 12 samples the major determinant is a mother's declining age, which shows the increased uncertainty 13 of women in reproductive age. This paper suggested that large fraction of women in the workforce would go into labor if they had greater access to subsidized childcare.

It was my pleasure to review your manuscript entitled "Female labor participation and mother's daycare in Greece pre- 1 and post-covid19 pandemic: A regional analysis" and advise you to prosper your current research project. In my view, your topic has touched on a critical issue in a fascinating context. However, there are many spaces to be improved. I hope my below comments would help you develop your work into groundbreaking research in your domain:

General concept comments

- This manuscript is CLEAR and it's relevant to the field. In terms of presentation, it supported with evidence like mapping and graph.
- In terms of cite references, this manuscript refers to mostly recent publications (currently by 2023). The references have the old year (2000) and are quite relevant to the field of study. However, the references should be written consistently and be organized properly.
- In terms of citation, it seems good. However, a few statements should be written a citation (line 55, Fig. 1; lines 61-66; lines 72-73; lines 87-89.
- It would be better to explain the gap between existing papers and how this research came to fully fill the gap in knowledge. It should be identified and clearly stated especially in the abstract and also in the introduction.
- The Research Questions (RQ) should be add to the introduction.

Areas of weakness:

- The abstract is not achieved up to the standard. The abstract should indicate the innovation of the work. It should be written as a summary of the study starting from the aims, methodology until finding of this study. Finally, the gaps and limitations, and future research opportunities should be included. All these should clearly be mentioned in that order.

1. Introduction

- it should be clear (1) The motivation of doing this study should be detailed explained in the introduction section. (2) Explains what we need to find out. (3) Explains briefly what this paper will do to find out, the method, etc.
- The authors also should write and clearly research questions/hypothesis in this study.
- it's good to provide a citation for Fig 1, Fig 3 and Fig 4. All figures taken from other studies/secondary data must quote/cite the original source of reference.

- Please improve the map, provide a better map with frame/box, scale, and direction (Fig. 3) and Fig. 4 is unclear?
- contents in Lines 114-115 are not synchronized with in sub-title 2.

2. Material and Methods

- line 119? What do you mean by ...the analysis of this paper? You mean by ..The data used of this paper?
- All figures taken from other studies/secondary data must quote/cite the original source of reference.... lines 126-130.
- Please improve the map, provide a better map with frame/box, scale and direction (Fig. 5).
- lines 200-2002...citation plz?
- lines 214-215...why multicollinearity appearance is an issue? Coz when you used linear model with interaction terms, you cannot run with multicollinearity problems, and the models should take into account.
- lines 222-226...should provide with critical analysis i.e., other studies which is support or not support you statements.

3. Findings and discussion

- lines 239-241....citations pls?
- Lines 239-263 bring to Material and Methods
- lines 280-284...contradicted statement coz in Material and Methods you mentioned about model does not include interaction terms (line 231). Need further clarification?
- How about Eqns. 1 & 2 after having your results? What are the values for both Eqns. after considering your results?

4. Conclusion

- recommendations for further study should also be included.