

Do they really? : A critique on the paper by Bedoor et al.

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Abstract

TBD

I. Introduction

With the development of data observation and analysis techniques, many interesting researches have been conducted using quantitative approaches. These researches often have a statements supported by data analysis, therefore sounds rather solid at first. However, data can be mis used and mis intepreted, therefore many claims shall be carefully examed. In the paper by Bedoor et al. The authors have studied the association betwwen early carreer informal mentorship in academic collaborations and junior author performance. They have claimed that the increasing the proportion of female mentors is negatively correlated with both the post-mentorship impact and the gain of female mentors. This is a a controversial statement which have brought up discussions. In this report, the research by et Bedoor will be thoroughly exaimed and criticed respectively.

The mentorship is an interesting and important topic which contributes to the advancement of individual careers. It is an educational heritage process that the senior member pass on the organizational culture, best practices and the inner working of a profession. One of the index to evaluate the academic achivement s is the acdemic publications. Using this score as the depedent variable, many reseraches have been done to explore on mentorship in academia. The novities of the paper, claimed as the other is they study a mentorship in a broad sense and avoid sample selectivity as well as recall and recency biases. They also advantages in numerous data, which up to millions of mentor-protege pairs. This might seems convincing at begginning, however a deeper look might find detailed misinterpretation of the data

In the following session, the data and experiments by the authors will be represented and discussed with the advantages, solid claims and statements which is debatable. The model further exam their method associate with the data and provide a peer-review of the validation and approproation of the applied method. The results of there papers are examed and further discussed. The general comments of the paper is concluded at the discussion section in the end.

II. Data

III. Method

IV. Model

V. Results

VI. Discussion

References

AlShebli, B., Makovi, K. and Rahwan, T., 2020. The association between early career informal mentorship in academic collaborations and junior author performance. *Nature communications*, 11(1), pp.1-8. Hullman J. Are female scientists worse mentors? This study pretends to know. *Statistical Modeling, Causal Inference, and Social Science* (2020).