On the Impact of Academic Factors on Scholar Popularity: A Cross-Area Study

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Introduction

- Scholar productivity and success is a topic that has attracted a lot of attention from researchers.

- Our goal is to assess the relative importance of different academic factors, that is, factors directly related to academic productivity, to the scholar popularity.

- Such knowledge is valuable to individual researchers, as it can help supporting their decisions to build the career in research

- Understanding how different factors impact scholar popularity can also bring insights into the design of more effective popularity prediction models

Data Collection

- Federal University of Minas Gerais (UFMG), State University of Campinas (Unicamp) and Stanford
  Some of the best graduate programs of the country according to CAPES

- Webometrics Ranking of World Universities

Our Strategy

- Quantify correlations between popularity and indices of academic productivity
    - Number of student supervisions
    - Number of conference papers
    - Number of journal articles
    - H-index

- Our analyses are performed on a per-scholar basis and aggregated for individual programs, but always separately for different areas.

Future Work

- Our findings are original and thought-provoking, as cross-area analyses are rarely performed, and provide insights into how to increase research impact for individual scholars and graduate programs. Future work includes covering new universities and knowledge areas, tackling self-citations, and designing popularity prediction models.