

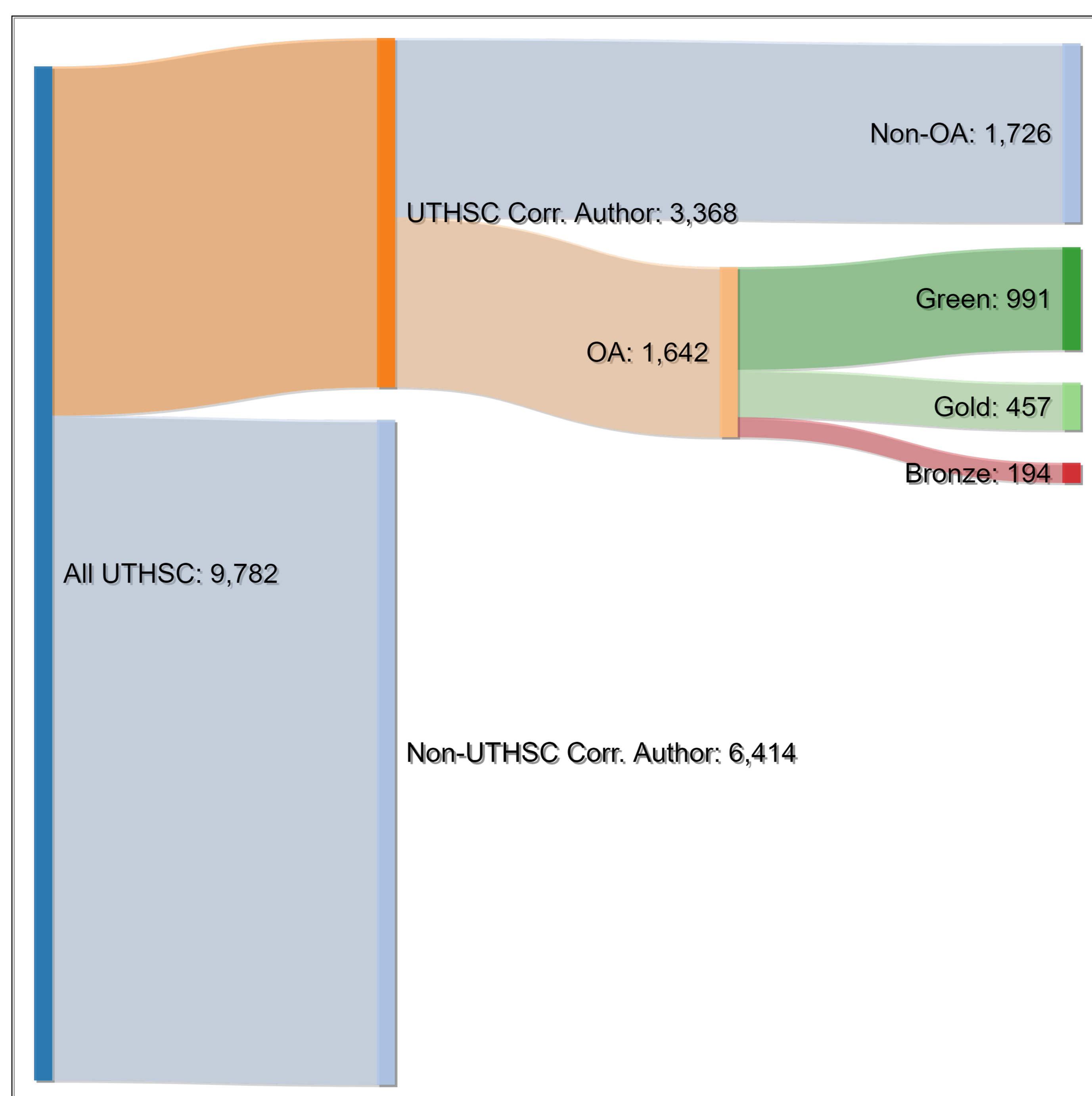
Squaring an Open Circle: Trends and Opportunities in Open Access Publishing, Promotion, and Impact

BACKGROUND and OBJECTIVE

This research examines the trends surrounding scholarly communications amongst faculty authors at UTHSC to determine prevalence of Open Access (OA) publishing in order to formulate a strategy for the library to reallocate services and funds to meet the changing needs of the Library's users.

METHOD

- Using filters built into Clarivate Analytics' Web of Science database, the authors were able to isolate OA articles authored by UTHSC affiliated faculty.
- Citations which included at least one UTHSC affiliated author were included in the results. The resulting citations were grouped by year of publication to determine potential growth trends.
- Further, results were filtered by journal title to determine in which journals faculty were publishing.
- Finally, the OA output was compared with non-OA results from the same period to determine what, if any, impact OA had on impact of the scholarship with respect to citations.

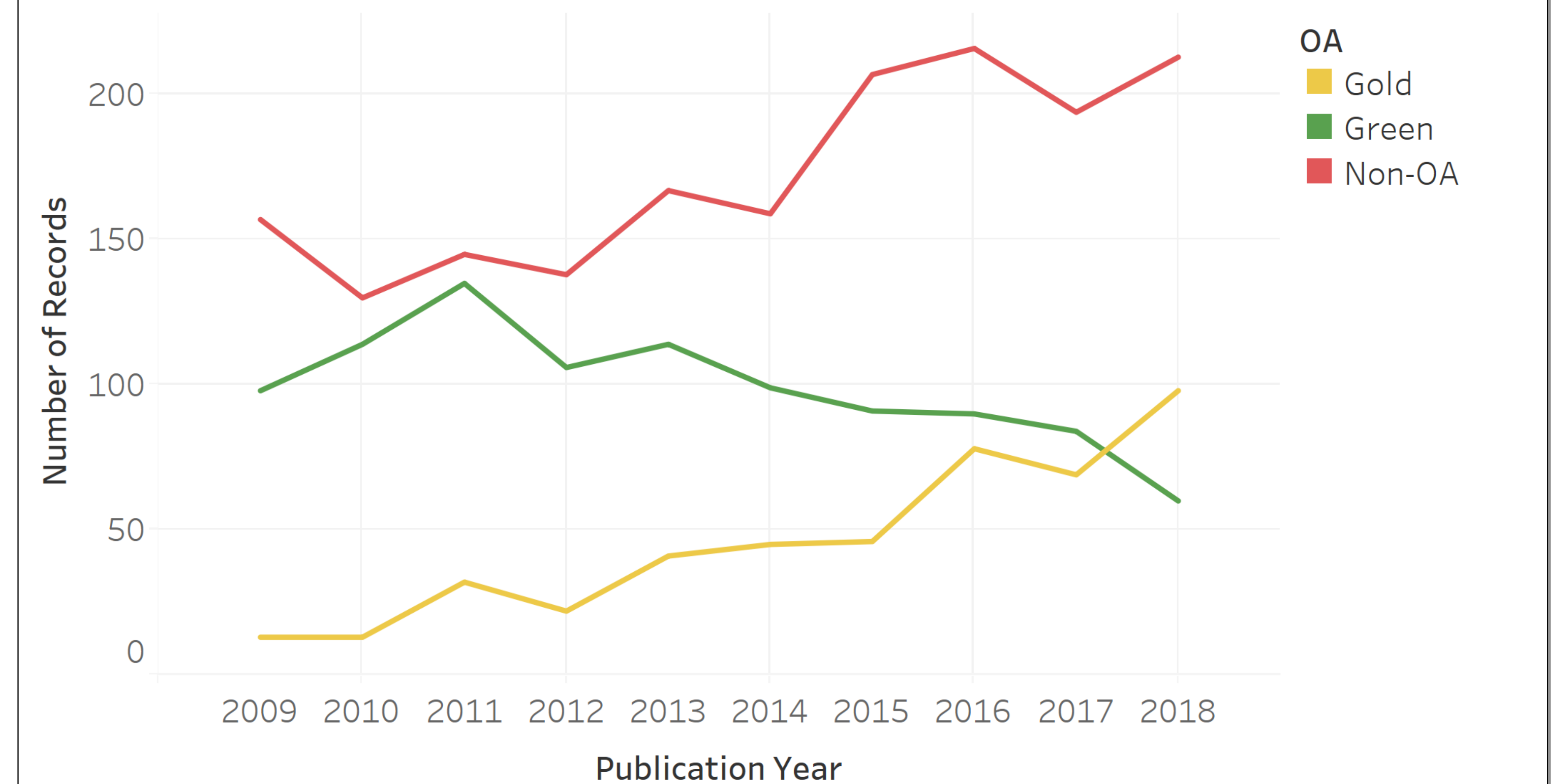


CONCLUSION and NEXT STEPS

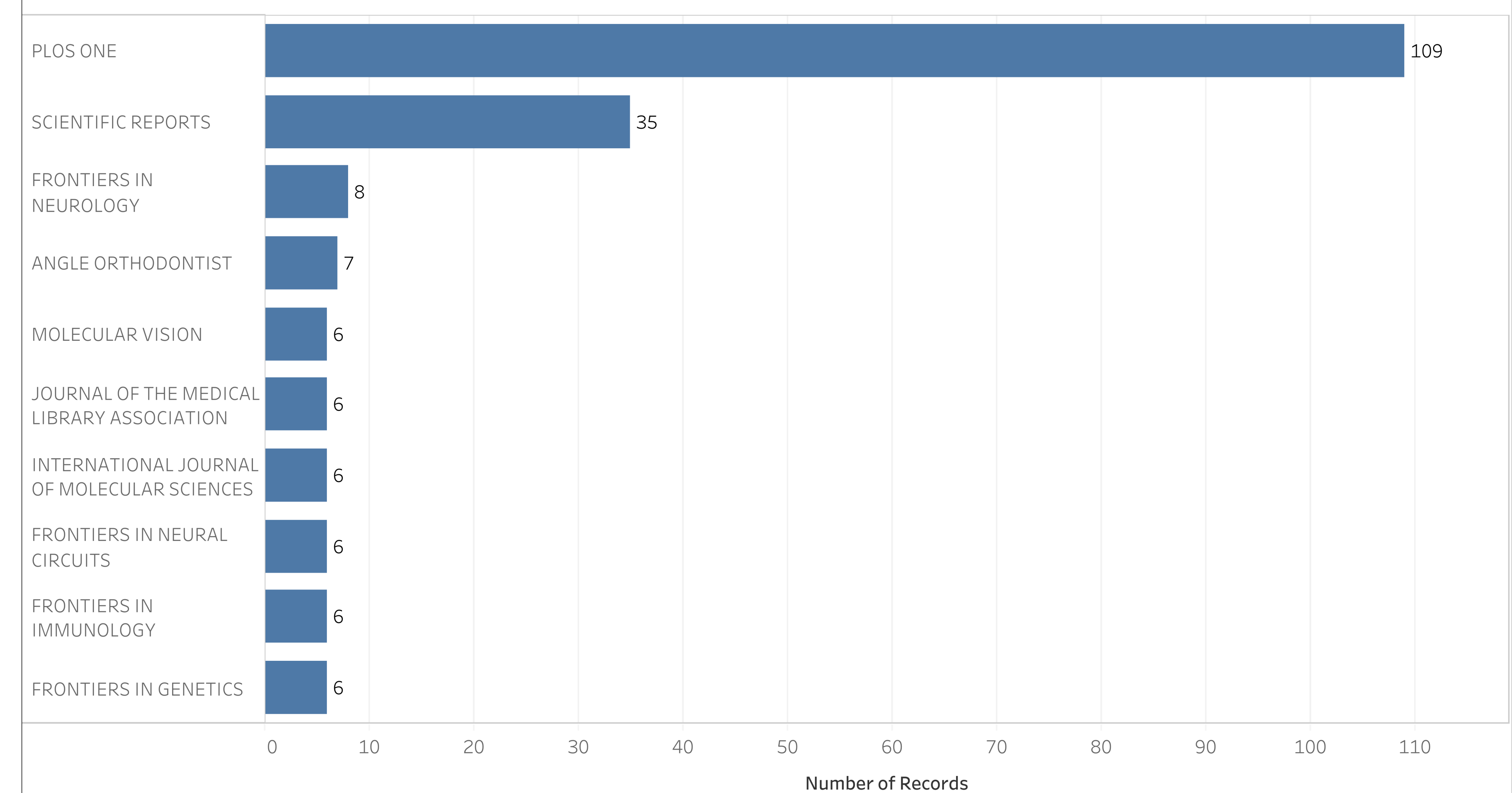
- Our study reveals an increasing willingness on the part of UTHSC faculty to publish their scholarship in Gold OA journals. But, also an increase in overall output in traditional journals.
- A clear preference exists by UTHSC authors for selecting *PLoS One* when choosing an OA journal in which to publish.
- In terms of research impact, both Gold and Green OA scholarship see an increased number of citations when compared to those published in a non-OA journal.
- With respect to the Library's promotion of OA on campus, further research is needed including an examination of the financial resources currently expended on OA scholarship.

RESULTS

Total Count of Non-OA, OA-Gold, and OA-Green Publications by Year



OA Top 10 Journals and Publication Count 2009-2018



Average of Total Times Cited by Publication Year

