

A Tale of Two Discovery and Citation Analysis Tools

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INTRODUCTION

The Clarivate Analytics' Web of Science (WoS) and Elsevier's Scopus are two similar discovery and citation analysis products with significant overlap in coverage and high subscription costs. Texas A&M University Libraries assessed WoS and Scopus in order to determine:

- ✓ Cost/Use
- ✓ Content Overlap
- ✓ Publications by Texas A&M authors indexed by the two products
- ✓ Texas A&M research community's use and perceptions of the two products

OBJECTIVE

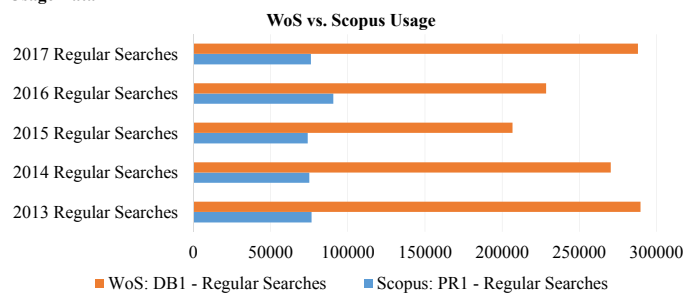
The goal of this study is to understand which of these resources best contribute to the Texas A&M University's faculty, researchers and graduate students' success.

METHODS

- Lists of journal titles indexed by WoS and Scopus were obtained from Clarivate Analytics and Elsevier
- Usage data - COUNTER 4 compliant database report (DB1 for WoS) and platform report (PR1 for Scopus) for calendar years 2013-2018 were downloaded on the vendors' platforms. Both reports count total searches, result clicks, and record views by month.
- Subscription cost data for fiscal years 2013-2018 from the Libraries' ILS
- Number of publications by Texas A&M authors indexed by the two databases were obtained from the vendors' platforms
- Survey administered to 6,998 Texas A&M's faculty, researchers and graduate students:
 - 3,224 faculty
 - 575 researchers
 - 3,199 graduate students
- Journals were classified by four broad disciplines using the National Science Foundation (NSF) classification: Natural Sciences and Engineering, Biomedical Research, Social Sciences, and Arts & Humanities

RESULTS

Usage Data

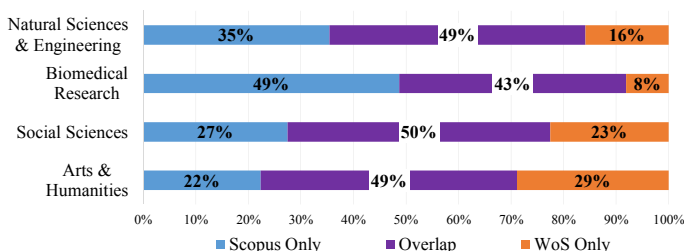


Cost per Use

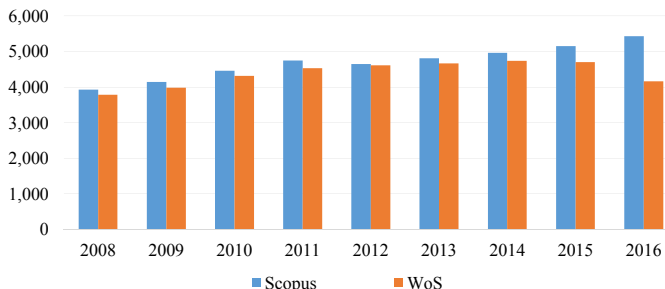
Table - Texas A&M University WoS and Scopus Cost per Use (2013-2018)

Database	2013 Cost/Use	2014 Cost/Use	2015 Cost/Use	2016 Cost/Use	2017 Cost/Use	2018 Cost/Use
WoS	\$ 0.58	\$ 0.64	\$ 0.87	\$ 0.82	\$ 0.68	\$ 0.88
Scopus	\$ 1.43	\$ 1.53	\$ 1.55	\$ 1.40	\$ 1.75	\$ 2.02

WoS and Scopus Journal Overlap by Discipline – Title level



Publications by Texas A&M Authors (2008-2016)



PRELIMINARY SURVEY RESULTS

Qualtrics Survey

Feedback received (3 weeks): 781 responses (11 percent response rate)

One of the survey questions asked the respondents to describe the strengths of each product:

Strengths for WoS



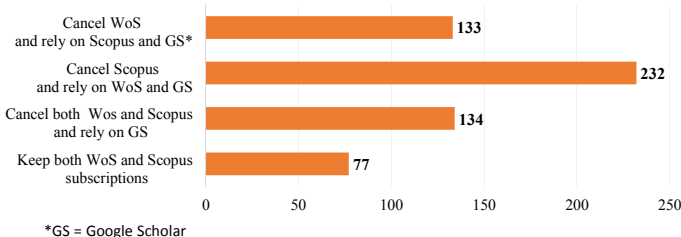
Strengths for Scopus



- **WoS Strengths** (223 responses): the word "citation" is mentioned 71 times in different contexts: "citation indexing", "citation tracking", "citation search", "citation counts", "journal citation index"
- **Scopus Strengths** (115 responses): the words "easy to use" are mentioned 16 times

Question: With no increase to its materials budget in FY19, the A&M Libraries must consider selected cancellations. Please select one of the following statements with which you most agree

Faculty, researchers and graduate students' recommendations



Based on preliminary responses to a question, "Do you have any other comments that you would like to share?", some common themes emerged:

- Respondents' satisfaction with library resources and services
- Respondents' dissatisfaction with university and/or library resources and services
- Other library resources used or of interest to our research community
- Advisory comments to the Libraries

NEXT STEPS/CONCLUSIONS

- Survey is ongoing – complete analysis needs to be done
- Product assessment and preliminary survey data indicate that WoS is more valuable to our research community

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