
Use, Study and Culture of Bibliometric Methods

Uso, Estudo e a Cultura dos Métodos Bibliométricos

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Dear readers,

We begin 2017 by communicating the release of another issue, that is, number 15 of January to April of 2017.

We feel grateful for having received such wonderful works to compose this theme, which focuses increasingly more on the trend of metrics and library services and other areas of knowledge regarding Librarianship and Information Science.

The novelty from this issue is RDBCI's new layout, which gains more design alignment, cleaner, making the reading of its content easier and accompanying the trend of scientific publications.

Because it is of a continuous flow, the Journal has as a tradition of gathering the works to highlight a thematic according to the articles received. In this edition, the theme has as its purpose the "Use, study and culture of bibliometric methods".

Bibliometric methods, precisely called bibliometrics, is a "field of Librarianship and Information Science that applies statistical and mathematical methods to analyze and construct indicators on the dynamics and evolution of the scientific and technological information of certain disciplines". As is well known, many areas use these bibliometric methods to statistically prove the effectiveness of their research, which has become more and more frequent.

Bibliometry also has broad relations with the areas of scientometry, infometrics, webometry, patentometry, altmetria among others. This last area has had a great impact and diffusion in social media when we speak in a more popular way in relation to its nomenclature, that is, alternative metrics.

As emphasizes Ernesto Spinak, SciELO developer, systems engineer with a degree in Library Science, "the altmetrias are tools in experimental phase that have, however, two issues to resolve. The first is technical, and refers to collecting data with better coverage in different languages, and being able to resolve ambiguities. This can be achieved, since there are international standards accepted, just as they were obtained in other metrics such as Counter, for measuring the use of electronic resources." ¹

In this way, we can verify that RDBCI brings all these aspects that bibliometric methods point to the studies and research that will be part of these rich and powerful analysis tools.

In addition to the theme in vogue, other works deal with topics that are more specific and relevant to the area, and can be seen in this issue. Another focus that we must emphasize before starting the reviews on this edition's works is that the three best papers awarded during the 18th National Seminar of University Libraries (SNBU), held in October 2016 in Manaus, were invited to be published in this issue. The works, as usual, were evaluated by the Scientific Committee of the event, and also evaluated by reviewers of the Journal, who highlighted the merits to be published as scientific works. In this bias, those were classified by the Journal as papers presented on events, fitting into the Communications section.

Faced with this in relation to bibliometric indicators, from the moment we started the use of Advanced Publication, better known as Ahead of Print, RDBCI has achieved high indexes in the constitution of its altimetry data, for since 2015 the PLOS ALM² plugin on the OJS platform has been in use, thus preventing the article being still until its publication after being evaluated.

In this issue, we have 14 works, 7 in the Articles section; 4 in the Research papers section and 3 papers in the Communications section.

Opening the **Articles** section, authors Juliana Soares de Souza, Maria Zanin (both from the Federal University of São Carlos) bring the paper titled "Collectors and the social movement: A bibliometric survey". Their aim is to demonstrate the importance of the studied subject, analyzing researches that used the terms "Social Movement" and "Collectors of Recyclable Materials" and their respective correlates, in the CAPES database. The bibliometric research pointed to the peculiarities of the publications and enabled a detailed analysis of the justification on the importance of the theme "social movement of recyclable materials collectors of recycled materials in the scientific field", considered as a tool of diffusion and claim of social rights, often renegaded by Brazilian society, whose social inequality fuels exclusion.

¹ SPINAK, E. O que podem nos fornecer as "métricas alternativas" ou altmetrias. **SciELO em Perspectiva**, 2014. Available at: <<http://blog.scielo.org/blog/2014/08/07/o-que-podem-nos-fornecer-as-metricas-alternativas-ou-altmetrias/>>. Accessed: Jan 31st. 2017.

² Article-Level Metrics. Available at: <<http://pkp-alm.lib.sfu.ca/>>. Accessed: Jan 31st. 2017.

The second article on the "Technical-scientific production of São Paulo federal institute librarians: a neo-bibliometric study", by Cintia Almeida da Silva Santos and Fernanda Rodrigues Pontes (both from the Federal Institute of Education, Science and Technology of São Paulo) has the goal of mapping and analyzing the technical-scientific production of the librarians-documentalists of the libraries of the Federal Institute of Education, Science and Technology of São Paulo (IFSP), which favored the search for solutions to the problems faced by the professionals, besides highlighting its campuses and its libraries in the national and international technical-scientific scenario.

In the third article, on "Internationalization of Brazilian scientific production in high energy physics (1983-2013)", authors Gonzalo Rubén Alvarez, Sônia Elisa Caregnato (both from the Federal University of Rio Grande do Sul), conducted a bibliometric study to analyze the dimensions of the internationalization of Brazilian scientific production in High Energy Physics (FAE) from articles published in journals indexed by the Web of Science (WoS) in the period 1983-2013.

In "Information management for decision making in an institution of private higher education", Gleiciane Rosa da Silva (University of Brasília), analyzed information management in decision making in the Integrated Colleges of the Central Plateau Educational Union (FACIPLAC / DF).

Jorge Santa Anna (Federal University of Espírito Santo), brings the work "Culture as an aggregator element for information units: pluralizing cultural events" reflections on the relationship between culture and the main information units, represented here by libraries, archives and museums. The author conceptualizes culture in the social scope; discusses the role of libraries, archives and museums in the course of history; presents the culture related social function inherent in the work of the information professionals, besides exposing the participation and valorization of the public power regarding investments made in these institutions, considering cultural aspects.

In the sixth article, "Development of universities and academic libraries from the middle age to modernity", by Fabiene Castelo Branco Diógenes (Brazilian Institute of Information in Science and Technology) and Murilo Bastos da Cunha (University of Brasilia), by means of a Bibliographic and descriptive research, the origin of universities, their struggles for autonomy, organization of administrative and curricular structures and reports on the existence of libraries linked to universities, from the Middle Ages to Modernity.

"Analysis of the RDA standard: an applied study on theses and dissertation in literature and cinema", the last article of this section, Raquel Bernadete Machado and Ana Maria Pereira (both from the Federal University of Santa Catarina), had as goal analyzing how the bibliographic records of theses and dissertations from the literature and film areas will be modified with the standards of the Resource Description and Access (RDA) - cataloging

standard developed to replace the Anglo-American Cataloging Code, Second Edition (AACR2) - for the purpose of improving the recovery of information.

In the **Research Articles** section, Juliana Ravaschio Franco de Camargo (State University of Campinas) and Maria Cristina Piumbato Innocentini Hayashi (Federal University of São Carlos) present the paper "Co-authorship and female participation in Brazilian scientific journals in the surgery field: Bibliometric study". This article presents the results of a research that aimed at identifying and analyzing Brazilian scientific production in surgery through scientific articles published in the period from 2010 to 2014 in four journals: Acta Cirúrgica Brasileira (ACB), Brazilian Archives of Digestive Surgery (ABCD), Brazilian Journal of Cardiovascular Surgery (RBCCV) and Revista do Colégio Brasileiro de Cirurgiões (RCBC).

The next study entitled "The construction of an information literacy program and art education", by Alexandra César Zinn and Kelley Cristine Gonçalves Dias Gasque (both from the University of Brasília) analyzes the interconnection between informative literacy contents and art contents in high school through a descriptive research carried out with art-educators of the education department of Recanto das Emas regional education of Federal District.

In the third work, on "Relationship and digital marketing: Evaluation of a digital information system using an integration of TAM, TTF and KMV models", Plínio Rafael Reis Monteiro (Federal University of Minas Gerais) and Raquel Vaz de Mello Strambi Zeringota (FUMEC University) sought to verify how the technological interaction of a Higher Education Institution's portal affects the behavioral attitudes and intentions of the students. This study, based on a survey conceived by the TAM, TTF and KMV models, showed that the characteristics and technology adequacy influence the perceived utility of the portal and the moderating attitudes of behavioral intentions for the institution studied.

In the fourth and last article of the Research Article section, we bring you the work titled "Accessibility Checklist in Informational Environments on the Web", by Christiane Gomes dos Santos, Sueny Gomes Léda Araújo, Marckson Roberto Ferreira de Sousa, Wagner Junqueira de Araújo (all from the Federal University of Paraíba). This addresses the processes of search, navigation and retrieval of information by the person with blindness in the web environment, focusing on knowledge of the areas of information retrieval and architecture, understanding the strategies used by these people for information access on the web. In addition, the research aims to propose the construction of a tool for verification of accessibility, a checklist, to be used to analyze the behavior of the blind person in actions of search, navigation and retrieval in websites and pages.

In the **Communications** section, we present the works awarded at the 18th National Seminar of University Libraries (SNBU), which were also evaluated by the Journal's Evaluation Committee.

The first work, entitled "The use of health applications for mobile devices as sources of information and education in healthcare", by Ana Rachel Fonseca de Oliveira (State University of Rio de Janeiro) and Maria Simone de Menezes Alencar (Federal University of Rio de Janeiro) proposes that the university library be used as a space for teaching and encouraging the use of mobile devices as educational tools. That is due to the mass use of tablets and especially smartphones reinforces the concept of mobile learning and expands their possible functions within the physical space of the library.

In the second Communication, Vítor Vasata Macchi Silva, Andreia Petró da Rosa, Ana Cláudia da Costa Leite, Rodrigo Silva Caxias de Sousa (all from the Federal University of Rio Grande do Sul), bring the work on "Identifying quality requirements demanded by university library users: a case study". It aimed to identify the profile of users that attend this Library and also the requirements that these most value in information units. The authors also propose improvements related to the most valued requirements by users of the Central Library of a Federal University identified from a study of users. They point out that meeting the listed proposals, such as infrastructure, closed rooms for group study, and Wi-Fi network, can contribute to improving the perception of users regarding the services offered by the Library.

And finally, Maira Nani França, Kelma Patrícia de Souza and Patrícia de Oliveira Portela (Federal University of Uberlândia), contribute to the work "How much is information worth? Calculating the economic value of a library's services", with the goal of assigning economic value to the services provided by a Brazilian university library, in order to develop a tool that will assist the managers in the decision-making processes and evaluation of the information units aiming at the guarantee of the quality of the services provided.

It is worth remembering that all papers present their English version - one of the determining factors of this publication, aiming at the internationalization of this journal since the end of 2015.

So enjoy, browse and read the works of this edition that has just been released. Have a great reading and a great 2017 for everyone.

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