Bibliometric

Bibliometric is one of oldest branches librarian study. As a study, bibliometric develop because a group of scientist in 20th century who are interested in the dynamics of science as reflected in the production of literature. Bibliometric from biblio or bibliography and metrics, biblio it’s mean book and metrics is measure. So bibliometrics meaning measure or analyze literature by using matheamatical approach and statistic (Diodato, 1994:5). The term of bibliometric maybe has been introduced by Alan Pitchard in 1969. Sulistyo-Basuki (1990:16) state “in the bibliometric that studied are recorded information, espicially graphic form. From thus the object might be book, magazine, research reports, dissertations, etc. But untill now studies of bibliometric shown to scientific magazine because assumed have important role in scientific communication”

Bibliometric is a quantitatif method for analyze bibliography data in journal or articles. The analyze usually for investigate references of scientific articles quoted by journal mapping the scientific field of a journal; and to grouping scientific articles that correspond to a field of research. This method can be used in the fields of sociology, humanities, communication, marketing, and other social groups. The approach used in bibliometric analysis is the citation analysis approach to see 1 article cited by 1 other article, and the co-citation analysis approach to find 2 or more articles cited by 1 article.

The benefits of bibliometric

1. Benefits for the scientist

The scientist in study can find out the topic that has been studied or not yet. So the research result of bibliometric can be references for another scientist.

1. Direct or indirect benefits for practitioners

a practitioner will get an indirect benefit by using the results of bibliometric research

1. Indirect benefit for public

Public get indirect benefit of research from the product wich was developed by scientist

Bibliometric useful for

1. Indentify trend and the pattern of growth of knowledge in various disciplines of a science.
2. Analyzing the novelty, obsolescence and distribution of the distribution of scientific references.
3. Estimating productivity, publisher, writer, affiliation, country or all disciplines.
4. References for future research and avoid repetition of research that has been studied.

In my opinion as a research method that has a direct and indirect impact on the wider community, so we need to develop bibliometrics for the better. bibliometrics will be the best method in research not only as a deciding authority of an article. Given the role of this method is also large in human life.

In conclusion, biometric analysis is a branch of science that has a great influence on the formation of a new knowledge so that there is a need for development and research of this research method. so it is not only as a research method in the scope of science but also in the wider community. maybe bibliometrics will have an important position in life.

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