Correlation between information needs and the library collection: a citation analysis study of doctoral theses at Universidade Federal de Santa Catarina Library

Maria Bernardete Martins Alves  
Universidade Federal de Santa Catarina, Brazil

Karyn Munyk Lehmkuhl  
Universidade Federal de Santa Catarina, Brazil

Liliane Vieira Pinheiro  
Universidade Federal de Santa Catarina, Brazil

Dirce Maris Nunes da Silva  
Universidade Federal de Santa Catarina, Brazil
UFSC

• Federal public university in Southern Brazil;
• 5 Campuses;
• Over 34,500 students;
• 1,610 faculty;
• 2,874 administrative staff;
UFSC Library

- 09 Libraries;
- Collection comprises 232,158 titles and 476,685 items;
- Electronic resources subscriptions;
- Full access to CAPES Portal.
Introduction

• To measure the correlation between the users’ information needs and the library collection;

• Citation analysis of doctoral theses references;

• Collection development tool: pilot study.
Introduction

• Objectives:

  – Verify if the items cited in those theses were available at the library collection;

  – Identify publication types, languages, formats and publication year.
Methodological Procedures

- Quantitative research;
- Bibliometric technique: citation analysis;
- Corpus: 08 doctoral theses;
- Graduate program: Scientific and Technological Education;
- Data collection: type of publication, format, publication year, language.
Methodological Procedures

- Availability: library catalog, electronic resources subscribed by the library, CAPES Portal;
- Lack of standardisation.
Results and Discussion

1,732 references, average of 216.5 references by thesis.
Results and Discussion

Publication type x format

- Article: 535 (online: 62, printed: 373, multimedia: 5)
- Book: 537 (online: 9, printed: 528, multimedia: 10)
- Proceeding: 126 (online: 13, printed: 113, multimedia: 0)
- Book chapter: 165 (online: 7, printed: 158, multimedia: 0)
- Website: 65 (online: 2, printed: 63, multimedia: 0)
- Thesis: 62 (online: 1, printed: 61, multimedia: 0)
- Dissertation: 54 (online: 1, printed: 53, multimedia: 0)
- Legislation: 2319 (online: 5, printed: 2314, multimedia: 0)
- Others: 5 (online: 9, printed: 3, multimedia: 0)
Results and Discussion

Language

Portuguese 72.7%

English 17.2%

Spanish 8.9%

French 0.7%

German 0.3%

Italian 0.1%

Catalan 0.1%
Results and Discussion

Publication year

Results and Discussion

Provided information sources

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<tr>
<td>e-books collection</td>
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Results and Discussion

Internet availability x format

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</table>
Conclusion

- Library provides or partially provides 49.42% of the cited information resources;
- Use of electronic resources X printed material;
- Lack of reference standardisation;
- Publication year – recent works;
- Language – Portuguese;

Pilot study – introduction of citation analysis in our everyday work.
Thank you!

UFSC Library web site: portalbu.ufsc.br

Contact me: karyn.lehmkuhl@ufsc.br