A single search access point for a Digital Library. The GERION experience: the leap to information discovery.
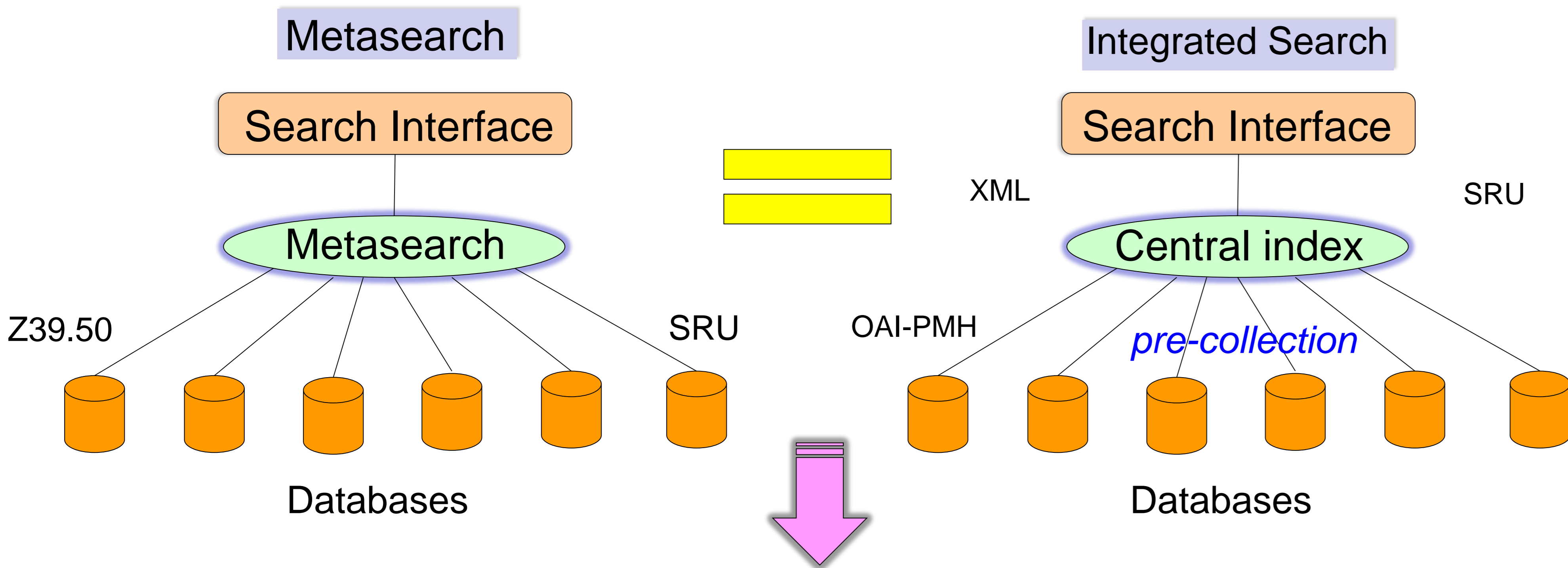
Alvarado, Francisco[1,2]; Carrion, Jose-Maria[2]; Borrego, Luis-Javier[2]; Correa, Antonio[2]; Hernandez, Juan[2]
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[2]Andalusian eHealth Library. Ministry of Health of the Regional Government of Andalusia (Sevilla, Spain)
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2008

Metasearch

Search Interface

Metasearch

Z39.50   SRU

Databases

Present

Integrated Search

Search Interface

XML   SRU

Central index

OAI-PMH   *pre-collection*

Databases

"Discovery will sound the death knell for federation[12]"
(Freund et al., 2012, p. 26)

Introduction

Human Knowledge is being duplicated almost every twelve year. This growth rate can be considered a great privilege but also a burden, since finding specific data becomes a hard work. In fact, locating the right information at the right time can be complicated. The proposed question is if it is possible to track several databases at the same time. It is possible, by using Discovery Tools. There is a big difference because using Discovery Tools the concept of questioning several databases disappears, giving way to the single index.

Integrated search implies real integration of the contents of the library, a large mixed results documentary, printed or electronic type. The integrated search is a two for one, as Wisniewski[13] (2010) says.
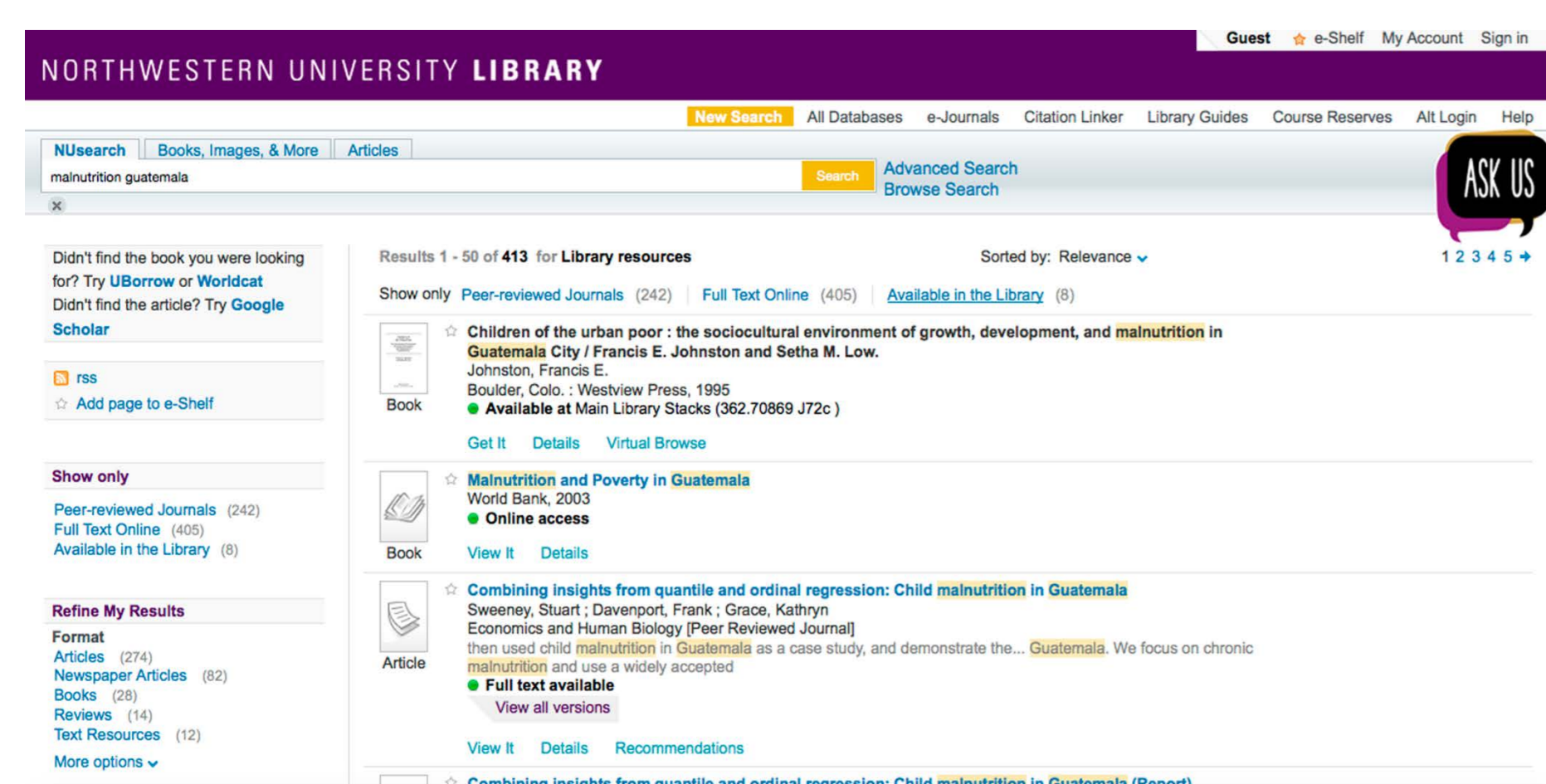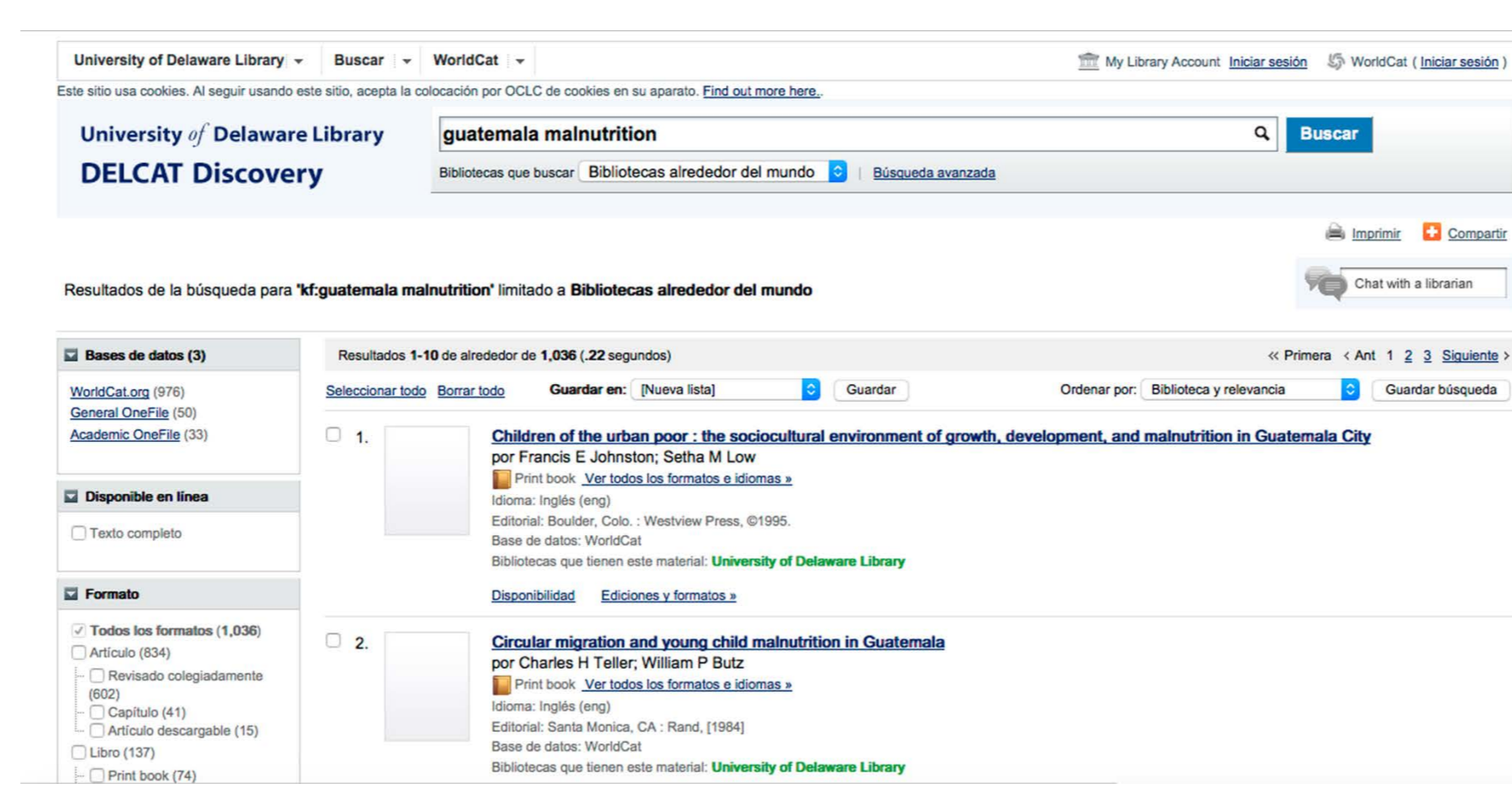
Objective

The aim of this work is the study and assessment of different discovery tools in order to decide which of them fits better with the scientific information retrieval needs of the Andalusian health professionals. The selected tool must be integrated in several systems (software) of the Andalusian eHealth Library (BV-SSPA).

PRIMO brief view: article

OCLC WorldCat brief view: article

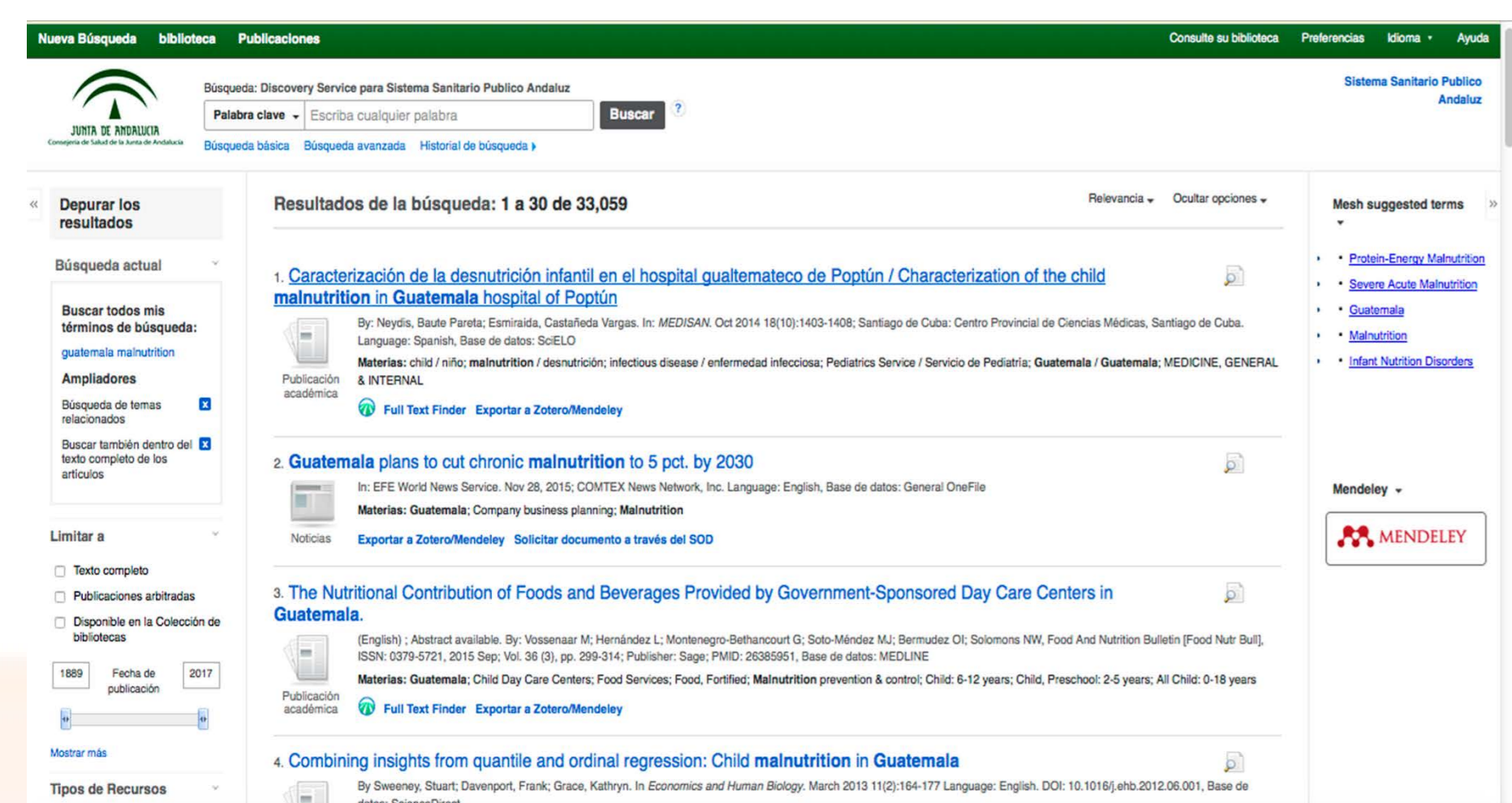EDS brief view: article

Summon brief view: article

Method
The discovery tools Primo, EDS, Summon and OCLC Worldcat are evaluated according to the parameters from (Dorner, 2003 and works to Anglada, 2010; Breeding, 2012d, Novotny, 2004, Swanson y Green, 2011, and Vaughan 2011a,b,c,d,e,f,g,h)[1-11,14] which are modified and adapted to BV-SSPA needs. A bibliographic search is conducted with every tool, analyzing the results and their relevance.
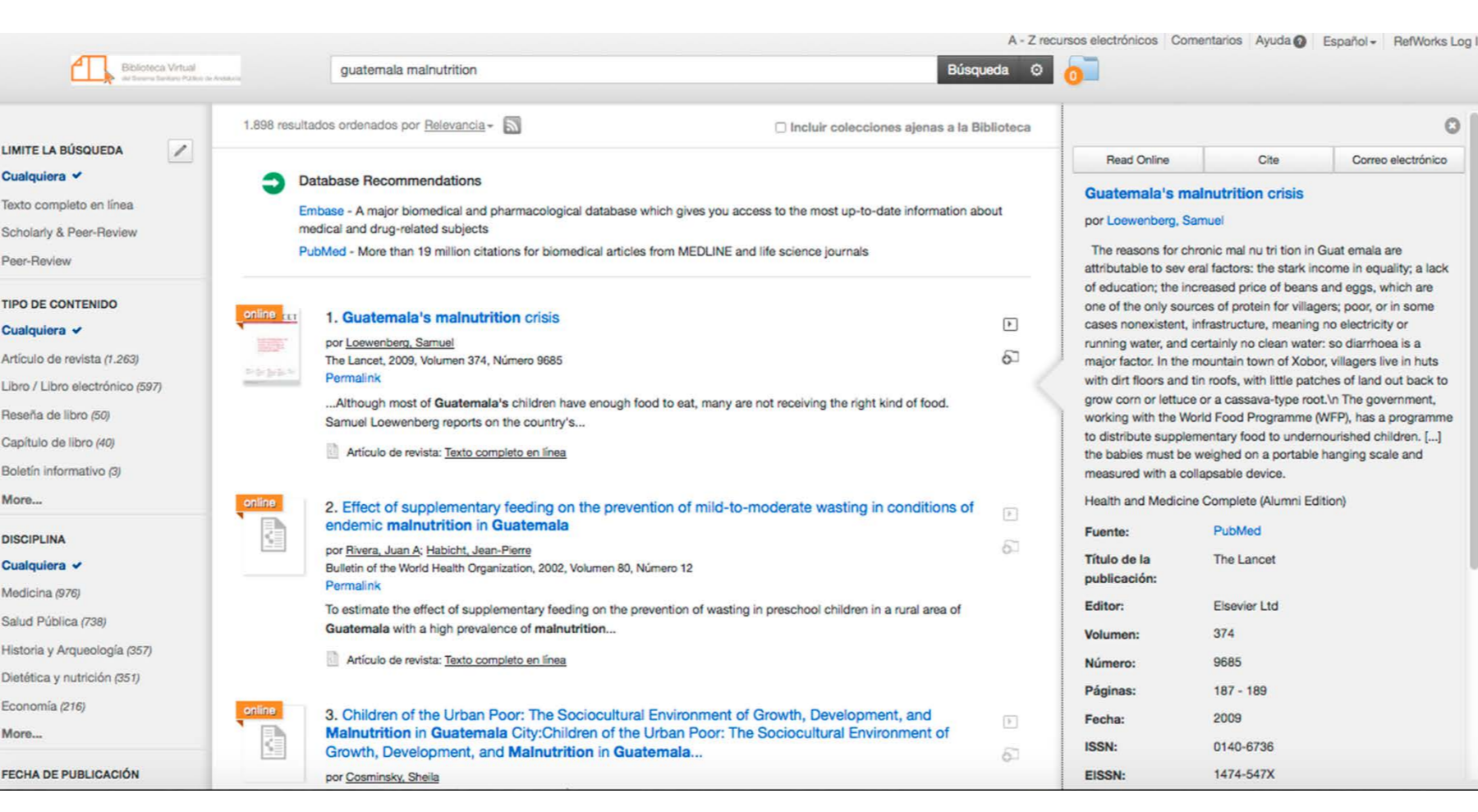
Summary of the evaluation template designe

Results
Link Resolver
Relevancy
Embedding
Statistics
Content&Scope
Mobile
Exporting
Faceted Nav.
Search:sim/adv
Interface

OCLC
Primo
Summon
EDS
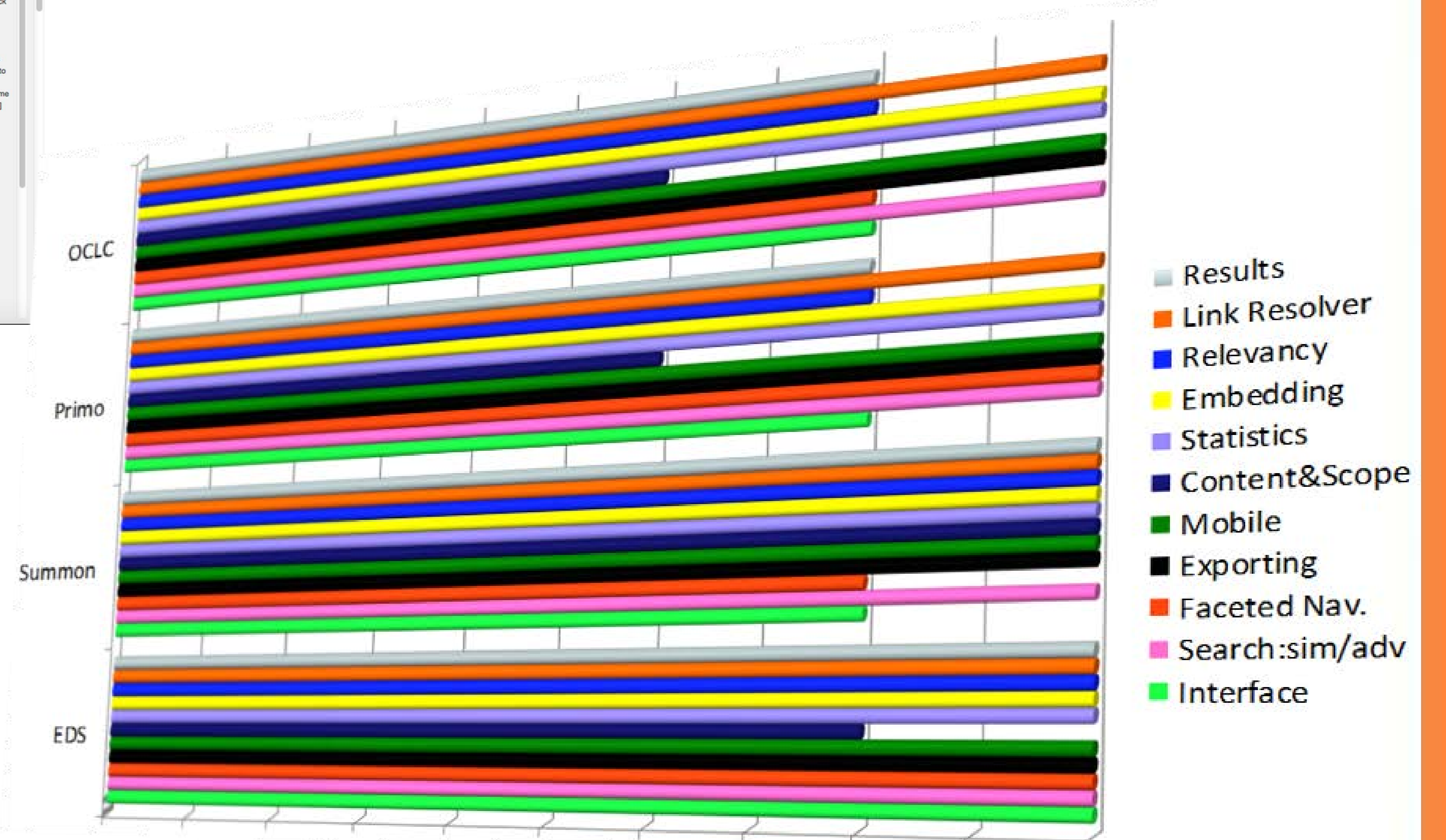
Conclusions
The result quantification of the Dorner report and the bibliographic search process[1-11,14] allow highlighting relevance percentages, functionality and usability aspects of the evaluated tools. EDS and Summon are on the top level compared to other discovery tools. They are almost on the same level, being same features slighty different for the case of EDS.
An acurate study of searches results is necessary to obtain the relevance and pertinence of these in order to define the differences between both discovery tools.

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