

"Binary proposal for assessing quality of Open Access Institutional Repositories: the case of Spanish repositories"

Francesc Pujol-Rusell, Information society Master student;
Cristina Vaquer-Suñer, librarian at Universitat Oberta de Catalunya (UOC);
Nuria Ferran, lecturer at UOC.

4th Qualitative and Quantitative Methods in Libraries International Conference (QML 2012). SCS2 Repositories and Open Access movement



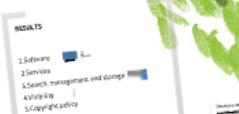
Assessing quality



INDICATORS AND SOURCES

- 1. Software
- 2. Services
- 3. Search, management and storage
- 4. Availability
- 5. Copyright policy

Putting the method into practice



RESULTS

- 1. Software
- 2. Services
- 3. Search, management and storage
- 4. Availability
- 5. Copyright policy

Introduction

AIM
to propose a new classification approach on how to assess the quality of Open Access (OA) University Institutional Repositories (IR).

HOW
The research work is based on the analysis of the main OA IRs and the application of the proposed classification approach.

... AND EVEN MORE
The results of this new approach are tested in the Spanish University Repositories.

Conclusion

- Proposal for future improvements in sustainability of statistical data
- Comparison of different institutions
- Proposal of objective indicators to compare repositories
- Easy way to check if possible to improve repository functionality

The O2 UOC Institutional repository results

UOC is the second largest university library in Spain. It is a public institution with more than 30,000 users, located in the town of Bellaterra, near the city of Barcelona. It has a collection of over 100,000 books and periodicals, and it is one of the most important research libraries in the country. The UOC is a recently created university (1990) and its mission is to promote, develop, and disseminate knowledge through research, teaching, and learning.

Among other things, one of the UOC's main goals is to provide open access to its research output, which is why it has created its own institutional repository, called "O2".

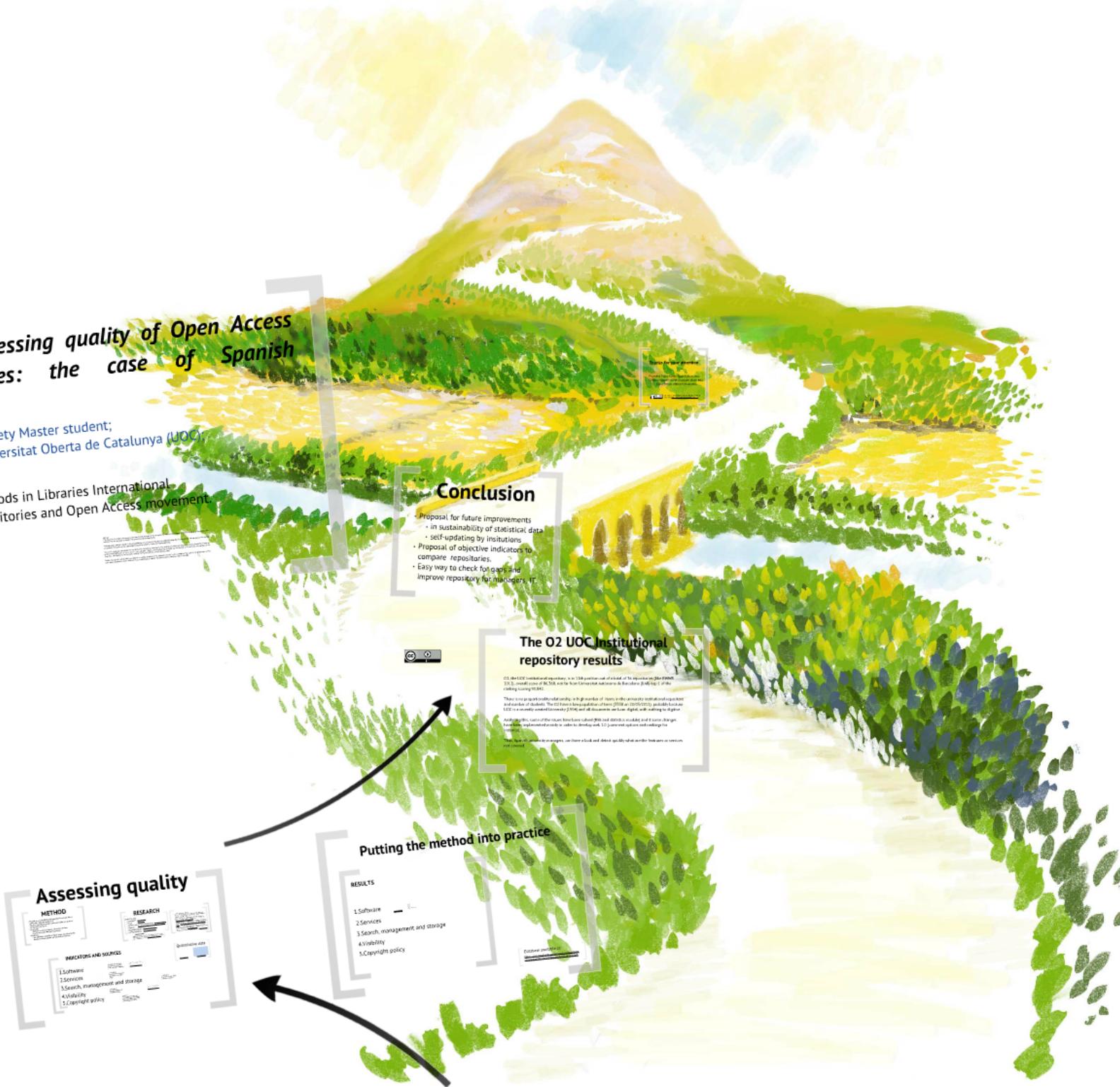
The O2 repository is a digital archive that contains all the research output of the UOC, including articles, theses, reports, and conference papers.

The O2 repository is a valuable resource for researchers, students, and the general public, as it provides easy access to high-quality research output from one of the leading universities in Spain.

Proposal for assessing quality of Open Access Repositories: the case of Spanish

Jordi Martínez, Information society Master student;
Jordi Martínez, librarian at Universitat Oberta de Catalunya (UOC),
and Quantitative Methods in Libraries International Conference (QMIL 2012). SCS2 Repositories and Open Access movement.

UOC
books



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Abstract
The main objective of this research is to propose a more quantitative approach of how to assess the quality of Open Access Institutional Repositories. The methodology used is based on the analysis of the binary characteristics of the repositories.
The assessment method is based in binary classification of subsets of features of a repository to reflect the quality level. The purpose of the method is to propose a quantitative approach of how to assess the quality of Open Access Institutional Repositories.
For all of the features considered, there is a set of 20 binary variables. Among the characteristics analyzed are the features of the collection, the features of the indexing and a set of 10 binary variables. Among the characteristics analyzed are the features of the collection, the features of the indexing and a set of 10 binary variables.
Results from each of the 20 binary variables are used to calculate the quality of the repository, and for having a vision of the state of the development of the open access movement in Spain. Underpinning a specific area of study of the Open University Repository (O2R) is presented.

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how to assess the quality of Open Access (OA)
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*digital archives of the intellectual output
produced by one or more universities
accessible to users with few or no restrictions
interoperable*

WHY

*The thesis:
Current assessments are usually conducted by means of user or expert surveys
and thus yield subjective results.
Therefore,
a single standard objective classification method enabling constant updating
and based on the binary coding of the existing items and features in each
repository must be established.*

HOW

The assessment method is based in a binary codification of a proposal of features that objectively describes the repositories. The purposes of this method are assessing the quality and an automatically system for updating the data of the characteristics.

... AND EVEN MORE

The results of this new approach are tested in the Spanish University Repositories.

Assessment on all Spanish University IR (38) to a constructive competition between OA university repositories, guiding them in improving the quality of services.

Case study on the O2, UOC IR

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Assessing quality

METHOD

- Research on and establishment of quantitative indicators (binary codification) about the quality of IR.
- Database, quantitative analysis, comparison tables and charts, of OA Spanish University IR.
- Advantages:
 - Objective analysis of features and services provided.
 - Ease of comparison between repositories.
- Weaknesses:
 - Not automated: possibility of human errors, need of constantly updates (proposed solution self-update by universities).

RESEARCH

Obtaining data:

- OpenDOAR <http://www.opendar.org>
- ROAR <http://www.roar.ac.uk>
- Ranking web of World Repositories <http://repositoriosweb.uoc.edu/ranking/>
- Hispana <http://repositorios.pucp.edu.pe/hispana/>
- BuscaRepositorios <http://www.usc.es/electr/edu/repositorios/>
- Melibea (policies) <http://www.usc.es/electr/edu/melibea/>

Master's thesis

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- Assessments and indicators of quality:
- ABADAL, E. (2012) Acceso abierto a la ciencia. Barcelona: Editorial UOC.
 - ANGLADA, L.; ABADAL, E. (eds.) (2010) Open access in Southern European countries. Madrid: FECYT, 2010.
 - BUELA-CASAL, G. et al. (2010) Ránking web de 2009 en investigación de la universidad: repositorios europeos. Pp. 1-10. Vol. 22, iss. 2, p. 171-179. <<http://repositoriosweb.uoc.edu/pdf/1372.pdf>>
 - BARRUECO, I.; GARCIA, C. (2009) Repositorios institucionales universitarios: evaluación y perspectivas. XI Jornadas Españolas de Documentación FESABID, Zaragoza. <<http://www.fesabid.org/jornadas2009/actas-desabid-2009-99-107.pdf>>
 - CASSELA, M. (2010) Institutional Repositories: an Internal and External Perspective. Paper presented at the 1st International Conference Communities Library Quarterly, Vol. 20, iss. 2, p. 216-225. <<http://dlib.uib.es/2010-216.pdf>>
 - Die Deutsche Initiative für Netzwerkinformation (DINI). <<http://www.dini.de>>

INDICATORS AND SOURCES

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94 indicators for software,
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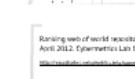


11 indicators,
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4. Visibility

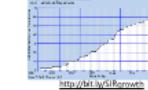


5 indicators:
OA or copyright policy information,
International OA declarations ratified,
author's rights guide, CC licences and
resources and links for authors



Ranking web of world repositories.
April 2012. Espana/latam/CSC.

Quantitative data



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- BuscaRepositorios <http://www.accesoabierto.net/repositorios/>
- Melibea (policies) <http://www.accesoabierto.net/politicas/>

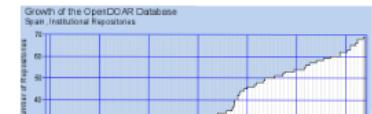
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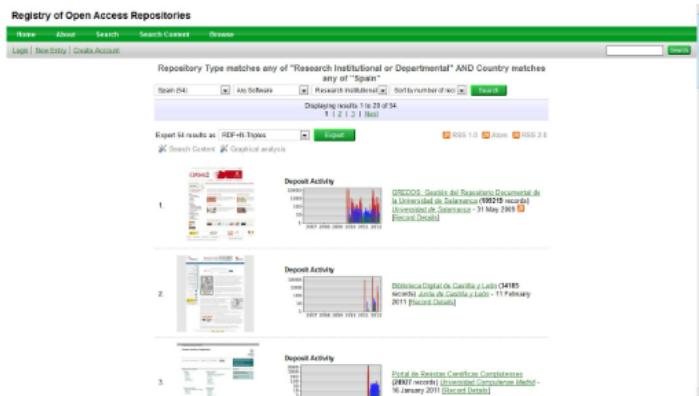
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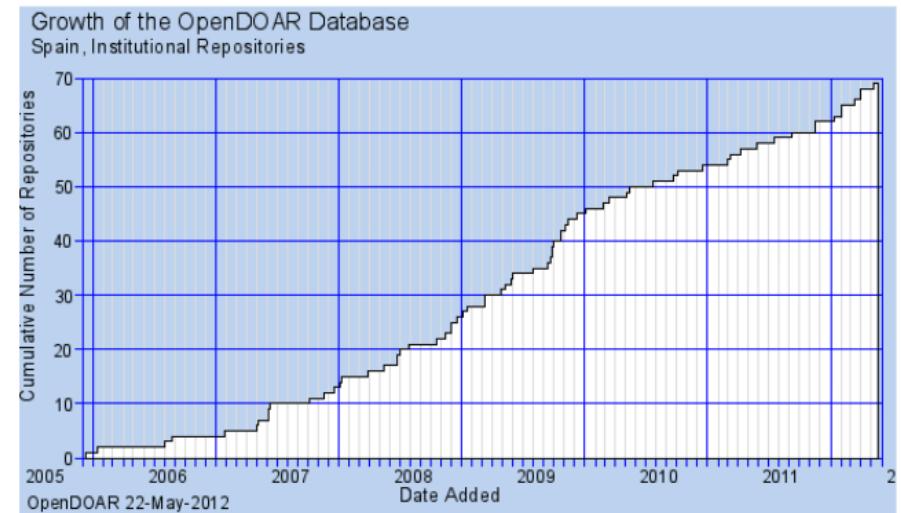
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http://bit.ly/SIR_ROAR



<http://bit.ly/SIRgrowth>

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INDICATORS AND SOURCES

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A	B	C	D	E	F	G	H	I	J	K	L	M
Id	Items	DigiTool	DigiTool Score	Dspace	Dspace Score	EPprints	EPprints Score	Fedora	Fedora Score	CDSWare	CDSWare Score	Greenstone
1	License Cost:	Commercial	0	Free	1	Free	1	Free	1	Free	1	Free
2	Free (community) Support:	-	0	Free - community	1	Free - community	1	Free - community	1	Free - community	1	Free - community
3	Free (direct) Support:	-	0	-	0	-	0	-	0	-	0	-
4	Not-for-profit Paid Support:	-	0	-	0	-	0	-	0	-	0	-
5	Commercial Paid Support:	Commercial	0	Commercial	0	Commercial	0	-	0	Commercial	0	-
6	Update Cost (minor revisions):	With support	0	Free	1	Free	1	Free	1	Free	1	Free
7	Update Cost (major revisions):	With support	0	Free	1	Free	1	Free	1	Free	1	Free
8	Documents (pdf, doc, ppt,...):	current standard	1	current standard	1	current standard	1	current standard	1	current standard	1	current standard
9	Images (jpeg, gif, png,...):	current standard	1	current standard	1	current standard	1	current standard	1	current standard	1	current standard
10	Video (mpeg, avi,...):	current standard	1	current standard	1	current standard	1	current standard	1	current standard	1	current standard
11	Audio (mp3, wav,...):	current standard	1	current standard	1	current standard	1	current standard	1	current standard	1	current standard
12	Learning objects (scorm,...):	-	0	current standard	1	current 3rd party	1	current standard	1	-	0	-
13	Other:	Can store & manage	1	Can store & manage all con	1	-	0	Fedora can store manage a	1	-	0	-
14	Dublin Core:	Dublin Core	1	Dublin Core	1	Dublin Core	1	Dublin Core	1	Dublin Core	1	Dublin Core
15	Qualified DC:	Qualified DC	1	Qualified DC	1	-	0	Qualified DC	1	-	0	Qualified DC
16	METS:	METS	1	METS	1	METS	1	METS	1	METS	1	METS
17	MARC:	MARC	1	-	0	-	0	-	0	MARC	1	MARC
18	Other:	MODS, EAD, TEI, Can	1	DSpace can import/export c	1	BibTeX, DIDL, EndNc	1	Any XML metadata format	1	Microformats, RDF, etc	1	XML and RDF
19	Image Files:	current standard	1	current standard	1	current standard	1	-	0	current standard	1	current standard
20	Video Files:	current standard	1	current 3rd party	1	current standard	1	-	0	current standard	1	current standard
21	PDF & Texts:	current standard	1	current 3rd party	1	current standard	1	-	0	current standard	1	current standard
22	End-user Deposition:	current standard	1	current standard	1	current standard	1	-	0	current standard	1	current standard
23	Multi-language Support:	current standard	1	current standard	1	current standard	1	-	0	current standard	1	current standard
24	Convert To PDF:	future standard	1	current 3rd party	1	future optional	0	not applicable	0	Convert To PDF	1	current standard
25	To PDF from:	-	0	-	0	-	0	not applicable	0	To PDF from	1	-
26	Convert To PDF-A:	future standard	1	current 3rd party	1	-	0	-	0	Convert To PDF-A	1	current standard
27	To PDF-A from:	-	0	-	0	-	0	-	0	To PDF-A from	1	-
28	Convert To XML:	-	0	current 3rd party	1	-	0	-	0	Convert To XML	1	current standard
29	To XML from:	-	0	-	0	-	0	-	0	To XML from	1	-
30	Field-specific:	Field-specific	1	Field-specific	1	Field-specific	1	-	0	Field-specific	1	Field-specific

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Id	University	Disabled	accessibil	Help	Weblog	Comment	Contact	Contact	e-mail	Repository	statistics	Facebook	User's	Usage	Reference	Researcher's	Online	reference	FAQ	Multilingual	RSS	Online	translation	
		Help	Help	Help		/ surveys	telephone																	
1	UAM	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	0	0	1	0	1
2	UC3M	0	1	0	1	1	1	1	1	1	1	0	1	1	1	1	0	0	0	0	1	0	1	0
3	UCM	0	0	0	1	1	1	1	1	1	0	0	1	0	0	0	1	0	0	0	1	1	1	0
4	UAH	1	1	0	0	1	1	1	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0
5	UBU	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0
6	UCA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0
7	UCLM	0	1	0	0	1	1	1	1	0	0	0	1	0	0	0	1	0	1	1	1	1	0	0
8	UCO	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
9	UGR	0	1	0	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	1	1	1	1	0
10	UHU	0	0	0	0	1	1	1	1	0	0	0	1	1	1	0	0	0	0	1	0	1	0	0
11	ULPGC	0	0	1	0	1	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	1	0
12	UMA	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0	1	0
13	UM	0	1	0	0	1	1	1	1	0	0	1	1	0	0	0	1	0	1	1	1	1	0	0
14	UN	0	1	0	1	0	0	0	1	0	0	0	1	0	0	0	0	1	0	1	1	1	0	0
15	UO	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	USAL	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
17	UVA	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
18	UZ	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	UNED	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
20	UPCT	0	1	0	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1
21	UPM	0	1	0	0	1	1	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0
22	UPV	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	URJC	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	CEU	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	UDC	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
26	USC	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
27	UAB	0	1	0	0	1	1	0	0	0	0	1	1	1	0	1	1	1	1	1	0	0	1	1
28	UA	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	UB	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
30	UG	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
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including: supported item
types, syndication, statistics...

Widely analysed in multiple studies.
Data model: Repositories Support Project RSP
(Nov 2010)

<http://www.rsp.ac.uk/software/surveypresults>

2. Services



19 indicators,
including: web 2.0 services
like Facebook or Twitter,
FAQ...

3. Search, management and storage



11 indicators,
including: advanced search
or boolean operators

4. Visibility



15 indicators,
including: registered in
OpenDOAR, ROAR...



Ranking web of world repositories.
April 2012. Cybermetrics Lab CSIC.
<http://repositories.webometrics.info/tocree.aspx>

5. Copyright policy



5 indicators:
OA or copyright policy information,
International OA declarations ratified,
author's rights guide, CC licences and
resources and links for authors

4. Visibilitat

Nom	Codi	Valors
Es troba entre els top 100 del Ranking Web de Repositorios del Mundo	T1	1 o 0
Es troba entre els top 200 del Ranking Web de Repositorios del Mundo	T2	1 o 0
Es troba entre els top 400 del Ranking Web de Repositorios del Mundo	T4	1 o 0
Es troba entre els top 800 del Ranking Web de Repositorios del Mundo	T8	1 o 0
Visibilitat. Introducció del nom del Repositori en cercador. Entrades retornades en una cerca simple a Google.	VG	>50000 = 0 50000>100000 = 1 <100000 >500000 = 2 < 500000 = 3
Visibilitat. Introducció del nom del Repositori en cercador. Entrades retornades en una cerca simple a Yahoo.	VY	>50000 = 0 50000>100000 = 1 <100000 >500000 = 2 < 500000 = 3
Registrat a Hispana	TR	1 o 0
Registrat a Melibea	NU	1 o 0
Registrat a OpenRoar	YI	1 o 0
Registrat a Rebiun / Recolecta	AWE	1 o 0
Registrat a ROAR	YO	1 o 0
Size del Ranking Web de Repositorios del Mundo = $(1000 - B2) / 100$	RWS	1 a 10
Visibility del Ranking Web de Repositorios del Mundo. Idem	RWV	1 a 10
Rich Files del Ranking Web de Repositorios del Mundo. Idem	RWR	1 a 10
Scholar del Ranking Web de Repositorios del Mundo. Idem	RWW	1 a 10

15 indicators,
including: registered in
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University Universitat	Open access or copyright policy information PA	International OA declarations ratified SA	Author's rights guide GD	Creative Commons licences LCC	Resources and links for authors REA
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5 indi

Id	Repository	Position (world rank)	Size	Visibility	Rich Files	Scholar	Source: Ranking web of World Repositories April 2012
1	Universitat Autònoma de Barcelona DDD	13	32	54	12	13	http://repositories.w3.org/
2	Universitat Politècnica de Catalunya UPCommons	18	37	78	17	14	
3	Universidad de Alicante Repositorio Institucional	67	57	162	94	86	
4	Universidad Complutense de Madrid E-Prints	86	455	144	133	99	
5	Universidad Politécnica de Madrid Archivo Digital	97	250	202	182	76	
6	Universidad Nacional de Educación a Distancia E-Spacio	99	243	116	454	169	
7	Universidad Carlos III de Madrid e-Archivo	131	145	247	126	155	
8	Gredos Repositorio Documental de la Universidad de Salamanca	162	80	513	25	118	
	DIGITUM Depósito Digital Institucional de la Universidad de Murcia	212	113	360	243	262	
9	Universitat de Barcelona Diposit Digital	220	189	331	216	314	
	DADUN. Depósito Académico Digital de la Universidad de Navarra	235	140	285	134	523	
10	eBuah Biblioteca Digital de la Universidad de Alcalá	248	170	369	147	402	
11	Universitat de Girona DUGiDocs	298	214	541	369	237	
12	Repositorio Institucional de la Universitat Oberta de Catalunya	300	376	512	345	241	
13	DIGIBUG Repositorio Institucional Universidad de Granada	320	201	435	173	513	
14	RiuNet Repositorio Institucional de la Universidad Politécnica de Valencia	359	72	908	206	141	
15	Arias Montano: Repositorio Institucional de la Universidad de Huelva	360	264	556	583	324	
	Repositorio Digital de la Universidad Politécnica de Cartagena	373	226	601	419	364	
16	Helvia Repositorio Institucional de la Universidad de Córdoba	384	23	552	402	622	
17	Repositorio Universidade da Coruña	388	665	429	263	562	
18	ACCEDA Repositorio Institucional de la Universidad de Las Palmas de Gran Canaria	397	239	555	278	545	
19	Universidad Rey Juan Carlos Archivo Abierto Institucional	486	500	666	569	535	
20	Repositori Institucional Universitat Jaume I	508	122	856	457	533	
21	Repositori Obert Universitat de Lleida	643	62	901	787	703	
22	Biblioteca Digital de les Illes Balears Universitat de les Illes Balears	679	848	423	952	1015	
23	Repositorio Institucional Universidad de Málaga RIUMA	679	515	802	678	798	
24	Repositorio Institucional Universidad de Santiago de Compostela	750	410	850	424	982	
25	DSpace Universidad Internacional de Andalucía	788	1111	921	648	731	
26	Universitat Pompeu Fabra Repositorio Digital	808	127	954	888	907	
27	Universidad de Castilla La Mancha Repositorio Universitario Institucional de Recursos Abiertos RUIDERA	850	718	1047	691	809	

Ranking web of world repositories.
April 2012. Cybermetrics Lab CSIC.

<http://repositories.webometrics.info/toprep.asp>

Master's thesis

Pujol Russell, Francesc (2010). Anàlisi dels repositoris universitaris en accés obert a l'Estat Espanyol : situació actual i perspectives futures. Núria Ferran (dir). Trabajo Fin de Máster. UOC. <<http://hdl.handle.net/10609/9141>>.

INDICATORS AND SOURCES

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April 2012. Cybermetrics Lab CSIC.
http://repositories.webometrics.info/tocree_psi

5. Copyright policy



5 indicators:
OA or copyright policy information,
International OA declarations ratified,
author's rights guide, CC licences and
resources and links for authors

Id	University	Open access or copyright policy information	International OA declarations ratified	Author's rights guide	Creative Commons licences	Resources and links for authors	
						REA	
1	UAM	PA	1	0	1	1	0
2	UC3M		1	0	1	1	1
3	UCM		1	1	0	1	0
4	UAH		1	0	1	1	1
5	UBU		1	0	0	1	0
6	UCA		1	0	0	1	1
7	UCLM		1	0	0	1	1
8	UCO		1	0	0	1	0
9	UGR		1	0	1	1	1
10	UHU		1	0	0	1	0
11	ULPGC		1	0	1	1	1
12	UMA		1	0	1	1	1
13	UM		1	0	1	1	1
14	UN		1	0	1	1	1
15	UO		1	0	0	1	0
16	USAL		1	0	1	1	1
17	UVA		1	0	1	1	0
18	UZ		0	0	0	0	0
19	UNED		1	0	1	1	1
20	UPCT		1	0	1	1	1
21	UPM		1	0	1	1	1
22	UPV		1	0	1	1	1
23	URJC		1	0	0	1	0
24	CEU		1	0	0	1	0
25	UDC		1	1	0	1	0
26	USC		0	0	0	0	0
27	UAB		1	0	1	1	0
28	UA		1	0	1	1	1
29	IIR		1	1	0	1	0

5 indicators:
OA or copyright policy information,
International OA declarations ratified,
author's rights guide, CC licences and
resources and links for authors

		JUU	J/b	STZ	345	241
12	Repositorio Institucional de la Universitat Oberta de Catalunya	320	201	435	173	513
13	DIGIBUG Repositorio Institucional Universidad de Granada	359	72	908	206	141
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27	Universidad de Castilla La Mancha Repositorio Universitario Institucional de Recursos Abiertos RUIDERA	850	718	1047	691	809

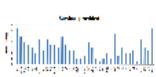
Putting the method into practice

RESULTS

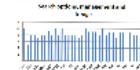
1. Software



2. Services



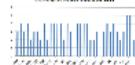
3. Search, management and storage



4. Visibility



5. Copyright policy

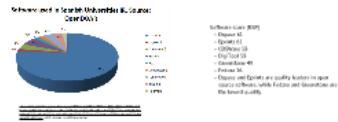


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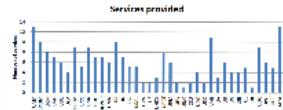
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RESULTS

1. Software



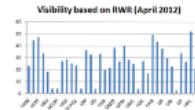
2. Services



3. Search, management and storage



4. Visibility

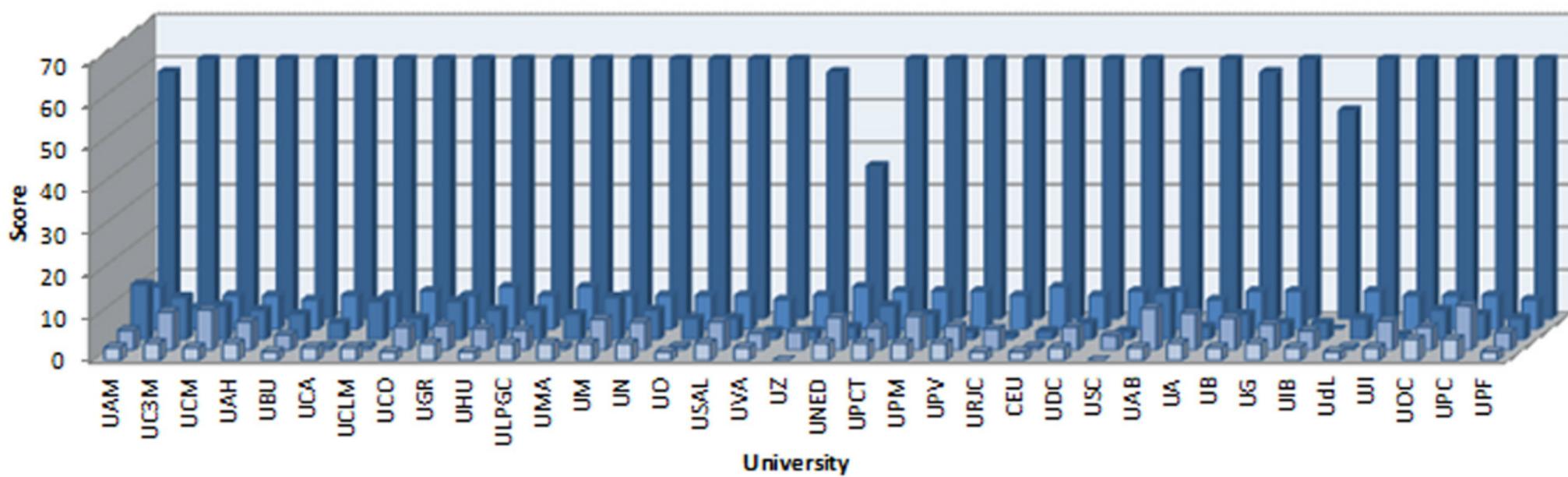


5. Copyright policy



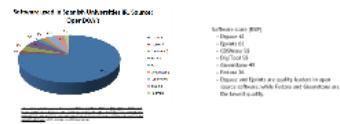
Detailed results of the assessment

- Copyright policy
- Visibility
- Services
- Search and storage
- Software

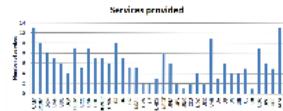


RESULTS

1. Software



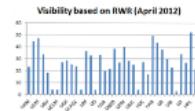
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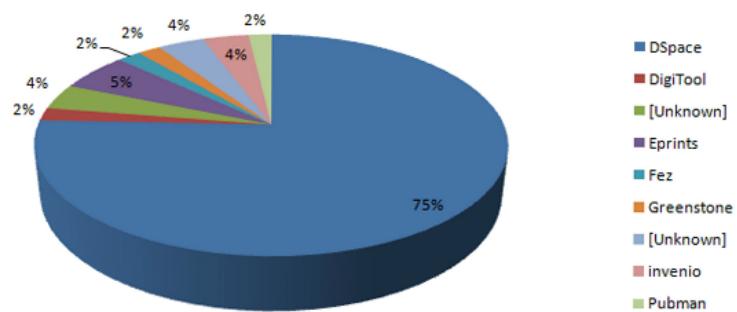
4. Visibility



5. Copyright policy



Software used in Spanish Universities IR. Source: OpenDOAR



Software score (RSP)

- Dspace 61
- Eprints 61
- CDSWare 58
- DigiTool 58
- Greenstone 49
- Fedora 36
- Dspace and Eprints are quality leaders in open source software, while Fedora and Greenstone are the lowest quality.

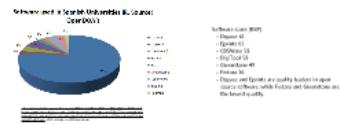
<http://www.opendoar.org/onechart.php?clID=199&ctID=&rtID=2&cIID=&IID=&potID=&rSoftwareName=&search=&groupby=rSoftwareName&orderby=Tally%20DESC&charttype=pie&width=600&height=300&caption=Usage%20of%20Open%20Access%20Repository%20Software%20in%20Spain%20Institutional%20Repositories>

Services provided

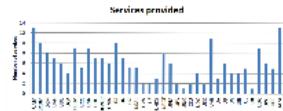


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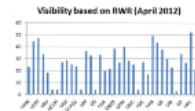
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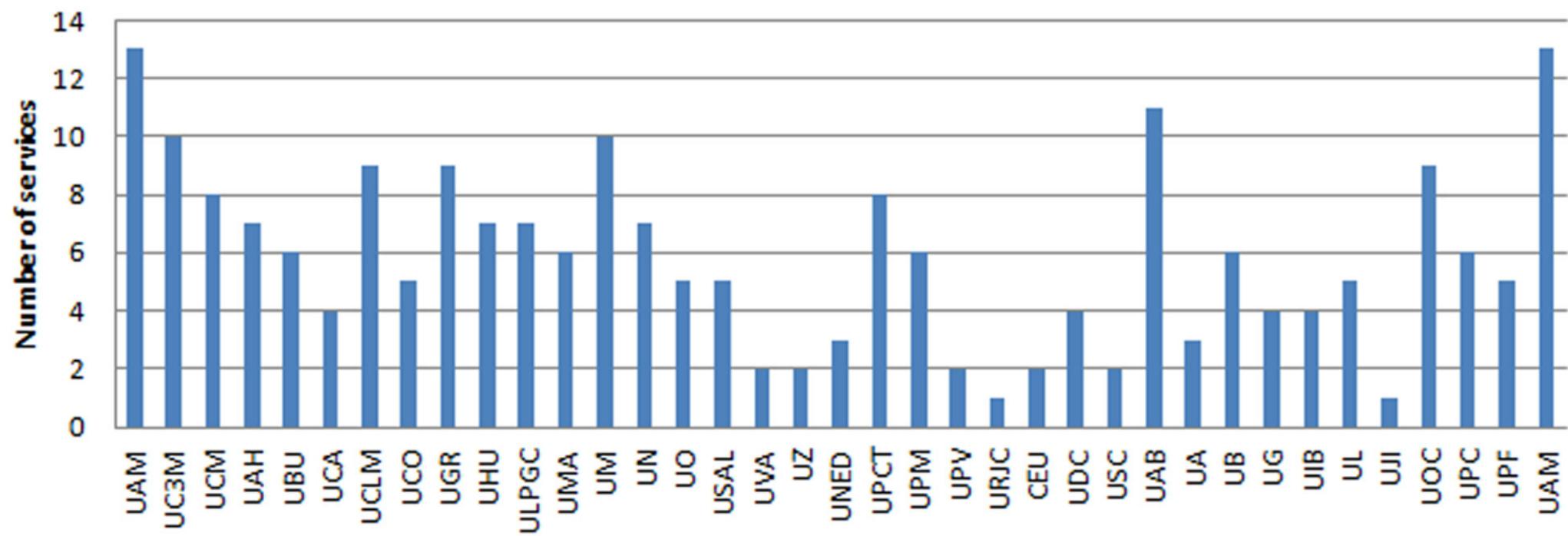
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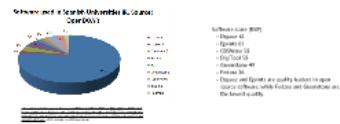


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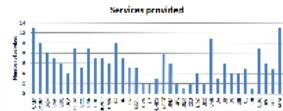


RESULTS

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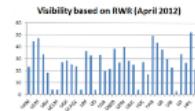
2. Services



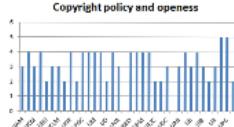
3. Search, management and storage



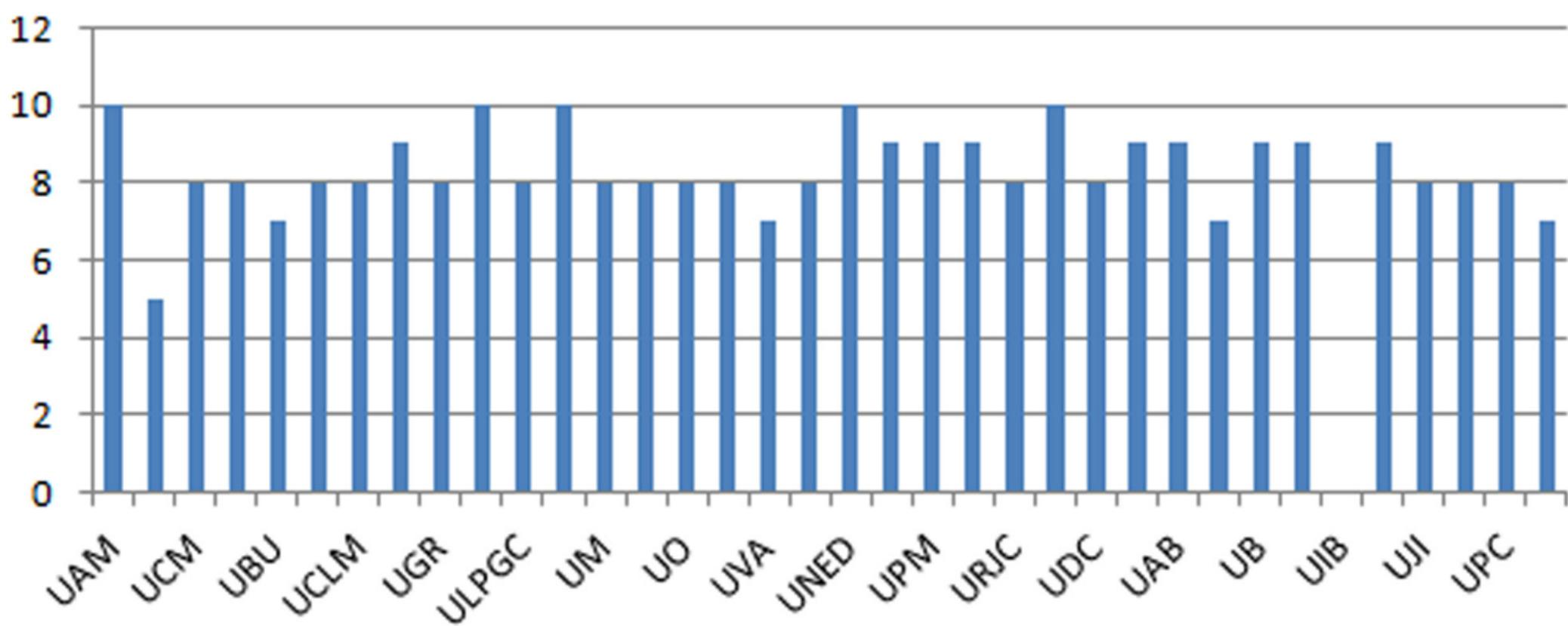
4. Visibility



5. Copyright policy

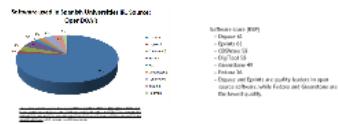


Search options, management and storage

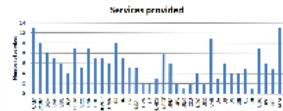


RESULTS

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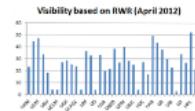
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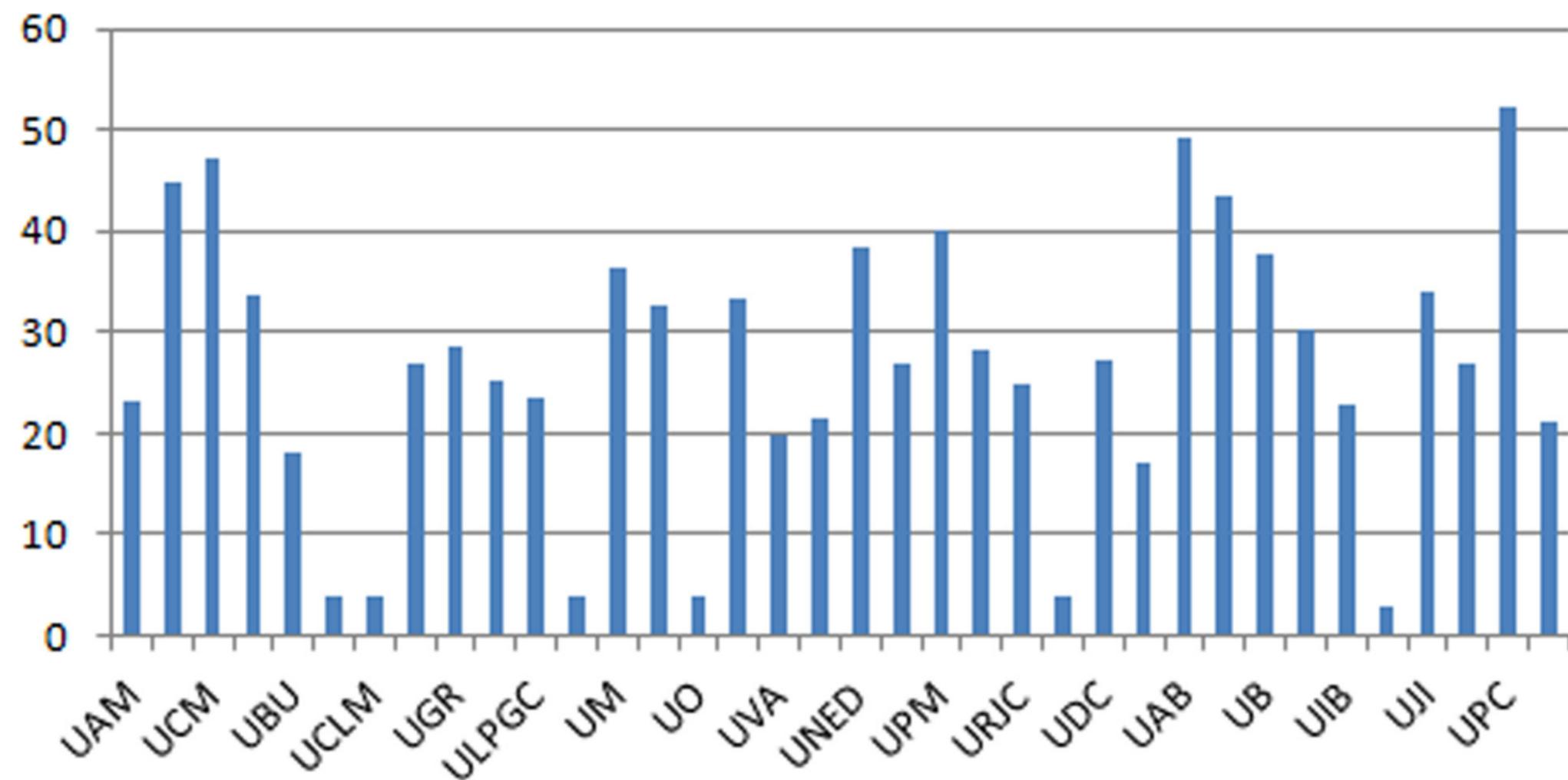
4. Visibility



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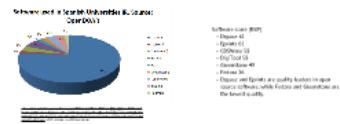


Visibility based on RWR (April 2012)

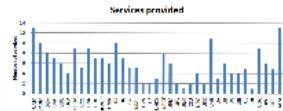


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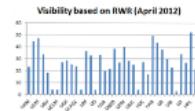
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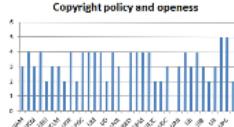
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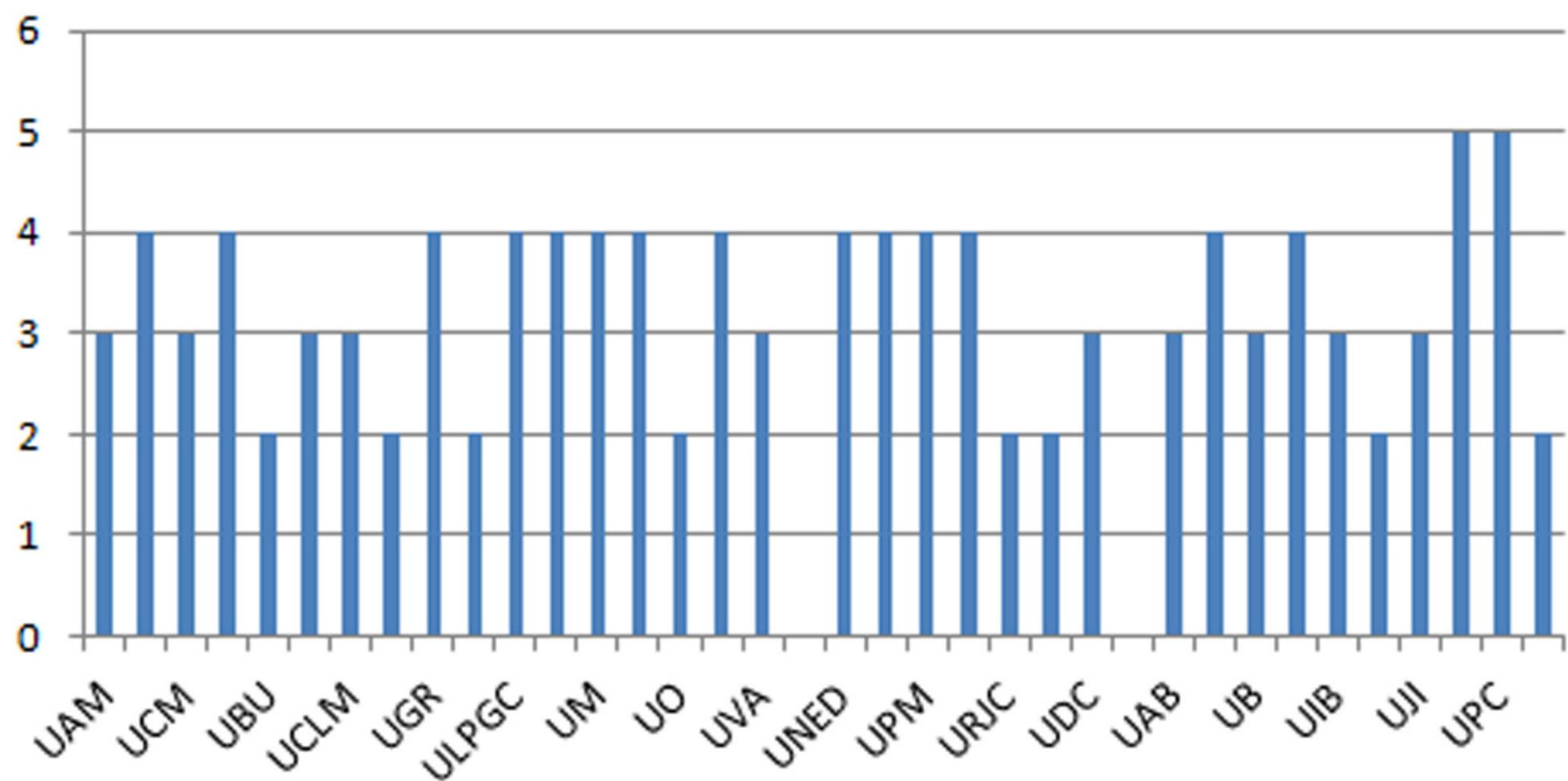
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5. Copyright policy



Copyright policy and openness



Database available at:

<https://docs.google.com/spreadsheet/ccc?key=0AmnC7vxmoJA6dER3ZndGSEEzcncxc3hFUTg2U25DNVE>

The O2 UOC Institutional repository results

O2, the UOC Institutional repository, is in 12th position out of a total of 36 repositories (like RWWR 2012), overall score of 86,368, not far from Universitat Autònoma de Barcelona (UAB) top 1 of the ranking scoring 90,842.

There is no proportionality relationship in high number of items in the university institutional repository and number of students. The O2 have a low population of tems (3358 on 20/05/2012), probably because UOC is a recently created University (1994) and all documents are born digital, with nothing to digitise.

Analysing this, some of the issues have been solved (RSS and statistics module) and it some changes have been implemented mainly in order to develop web 2.0 (comment options and rankings for instance).

Thus, Spanish university managers, can have a look and detect quickly what are the featrures or services not covered.

Conclusion

- Proposal for future improvements
 - in sustainability of statistical data
 - self-updating by institutions
- Proposal of objective indicators to compare repositories.
- Easy way to check for gaps and improve repository for managers, IT.

Thanks for your attention

Francesc Pujol-Rusell fpujolr@uoc.edu

Cristina Vaquer-Suñer mvaquer@uoc.edu

Núria Ferran nferranf@uoc.edu



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Proposal for assessing quality of Open Access Repositories: the case of Spanish

ell, Information society Master student;
her, librarian at Universitat Oberta de Catalunya (UOC),
er at UOC.

and Quantitative Methods in Libraries International
L 2012). SCS2 Repositories and Open Access movement

Conclusion

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 - self-updating by institutions
- Proposal of objective indicators to compare repositories
- Easy way to check for open and improve repository for managers. If

The O2 UOC Institutional repository results

O2 is UOC institutional repository, in 128 participating of total of 151 repositories (2010-PERIOD 2011) and 138 of 151, 89,35% are the best University Andorra de Barcelona in Quality of the ranking (Ranking UOC).

These are proposed relationship, a high number of items under category institutional repository and number of objects. The O2 has a high qualification of items (2010 as 2010/2011), publication and download statistics are very good, the number of users is high, the number of objects is high.

Andragogic, most of the items have been added 900 and 4000 available and it's some changes functions, and most of the codes to develop work. O2 presented options and challenges.

For more information, see the document attached, or contact us at the following e-mail address:

Putting the method into practice

RESULTS

1. Software
2. Services
3. Search, management and storage
4. Visibility
5. Copyright policy

External institution

Assessing quality

METHOD

RESEARCH

INDICATORS AND SOURCES

1. Software
2. Services
3. Search, management and storage
4. Visibility
5. Copyright policy