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Measuring the value of open access ETDs in the Algerian digital repositories: an evaluative study

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2019

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Measuring the value of open access ETDs in the Algerian digital repositories: an evaluative study

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via <http://www.nusl.cz/ntk/nusl-407824>

Introduction

- The use of ETDs as a rich information resource.
- Measuring the impact of ETDs on the research.
- What are the tools available in the digital repositories to achieve this purpose?

Methodology

The Evaluation criteria adopted for this study :

- item downloads,
- top country views,
- number of Items in the repository,
- item uploads,
- location of visitors,
- participating units,
- participating faculty.

1) The development of digital repositories in Algeria

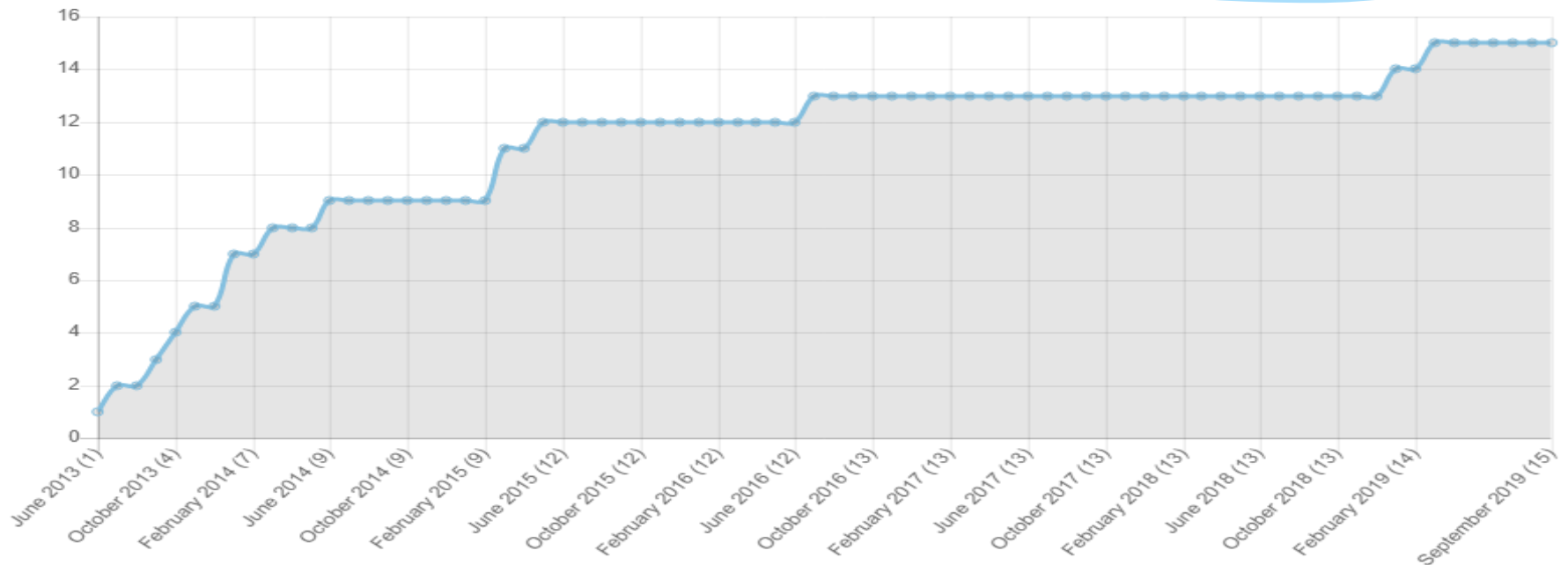


Figure 1: The development of implementation of digital repositories in Algeria
(Data source: OpenDOAR, 2019)

2) Algerian repositories softwares

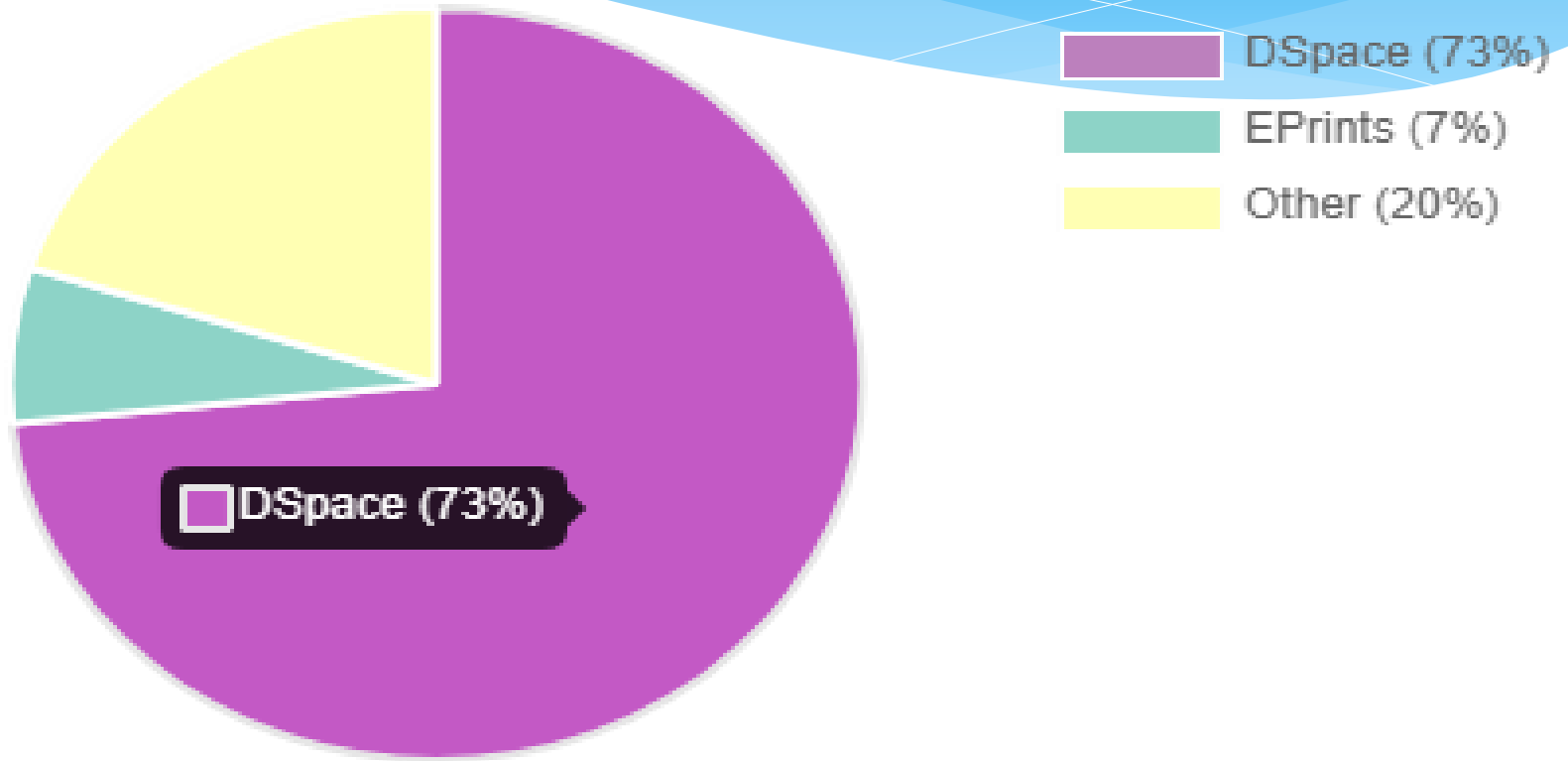
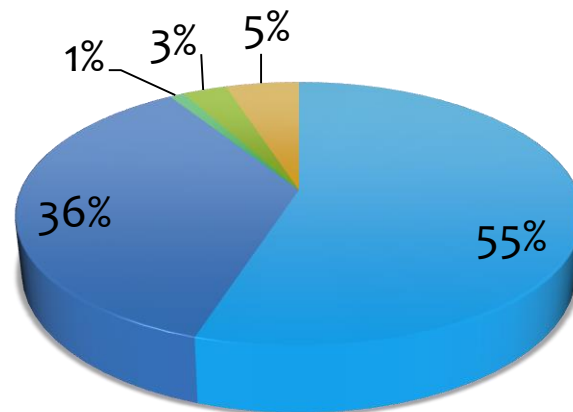


Figure 2: Algerian digital repositories softwares (Data source: OpenDOAR, 2019)

3) EDTS in the digital repositories

Figure 3: EDTs among the overall content in the digital repositories in Algeria

■ EDTs ■ working papers ■ others ■ reports ■ conference papers



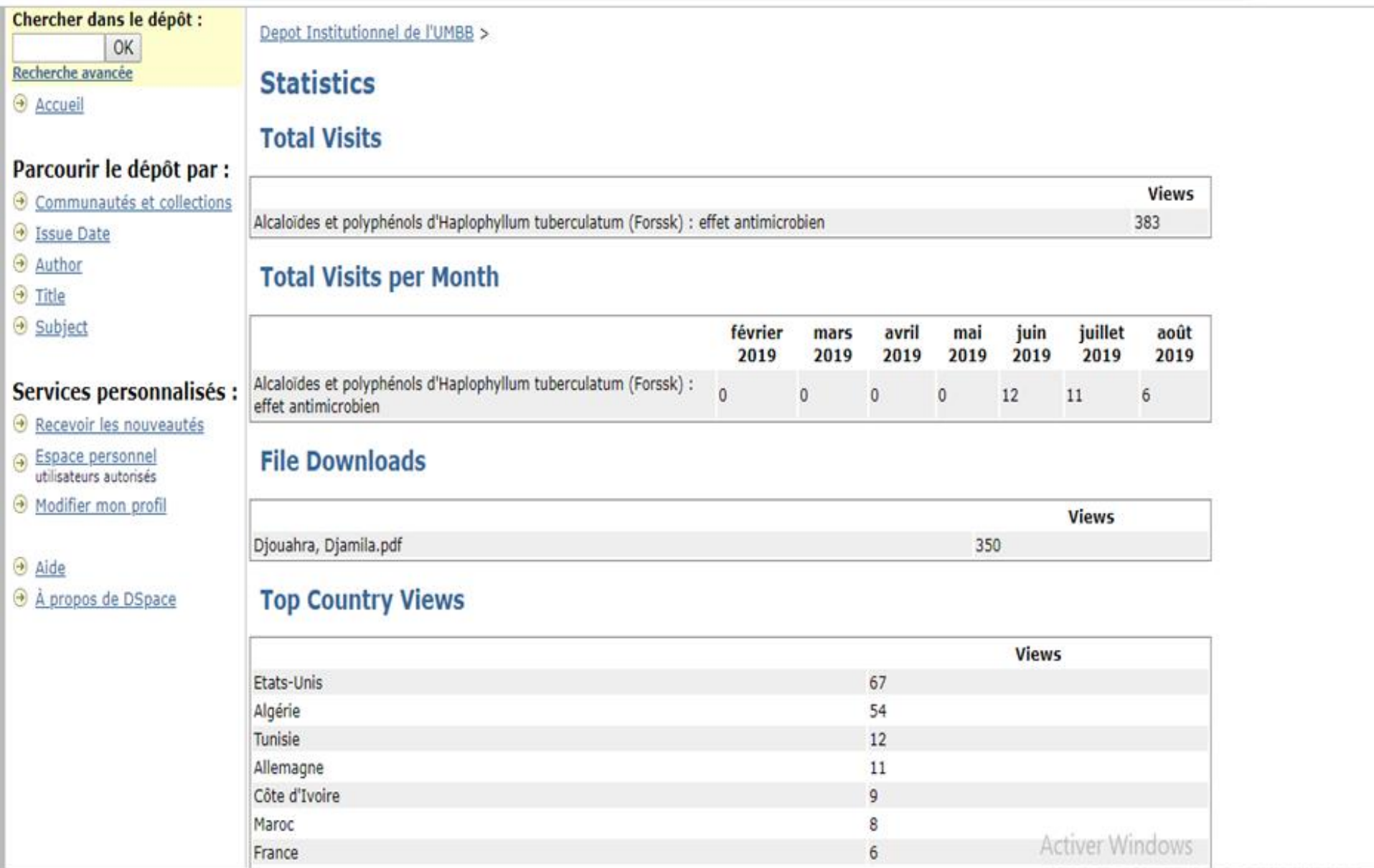



Figure 4: Usage statistics at the individual level



Figure 5: Usage statistics at the level of the collection for UMBB repository

Communautés de recherche et d'enseignement représentées dans DSpace

Choisir une communauté pour parcourir ses collections.

	Articles
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	Faculté des Sciences et des Sciences Appliquées

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Contenant des fichiers

true	3775
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Activer Windows

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Figure 6: UNIVERSITY of BUIRA statistics of participating faculty and units



Center of Academic Publications

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wahiba MOUAISSIA (2018) [Contribution à l'étude de la biologie \(croissance, structure morphométrique, reproduction et régime alimentaire\) de l'espèce du poisson Barbus callensis \(Cyprinidés\) dans le barrage Béni Haroun \(l'est Algérien\)](#). University of Souk Ahras

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2007 (21)	2006 (10)	2005 (7)	2003 (1)
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1993 (1)	1990 (1)	1988 (1)	0 (4)

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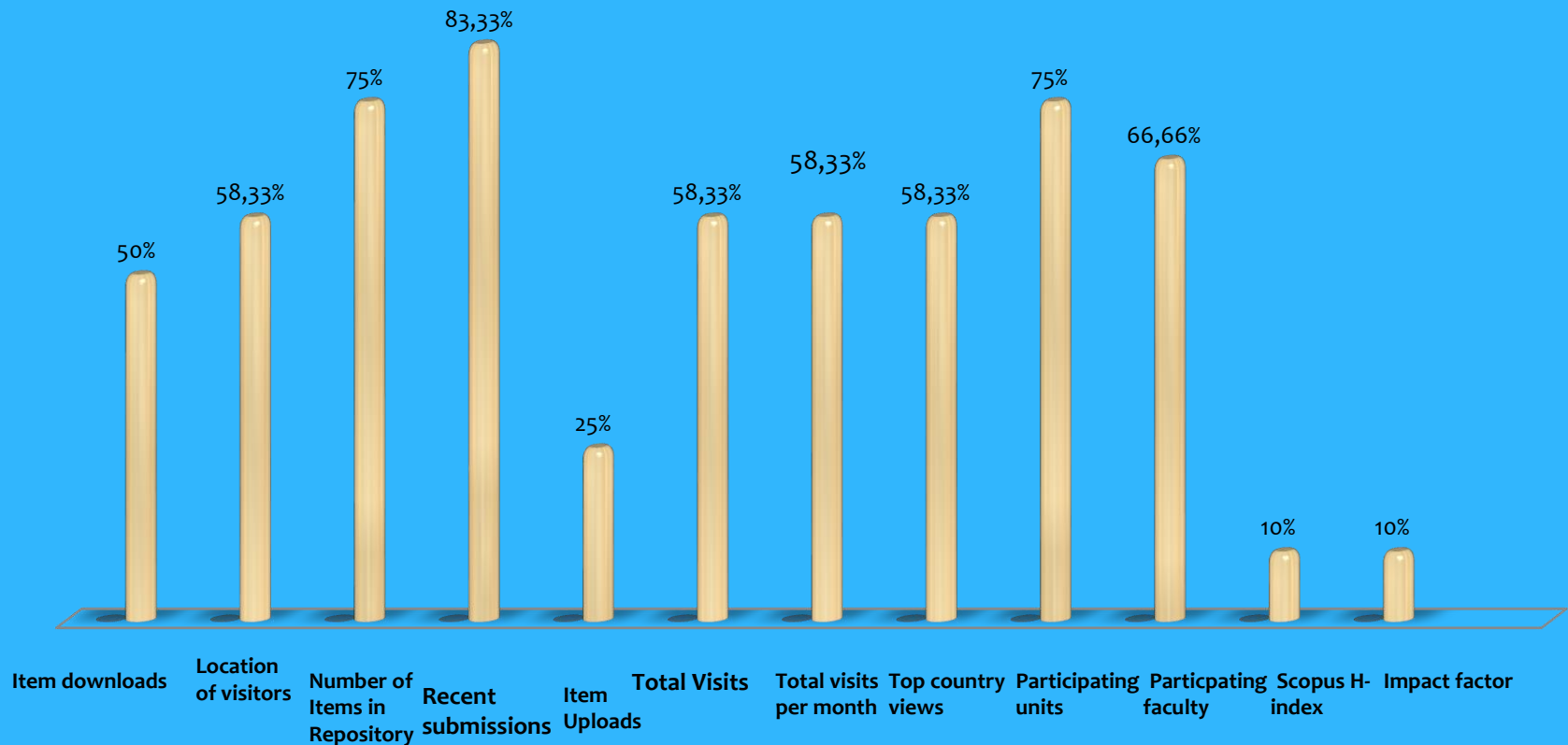
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» Faculty of Natural Sciences and Life
» Faculty of Economic Sciences, Commerce and Management Sciences

Figure 7: an example of different items statistics

4) Metrics in the Algerian digital repositories

Figure 7: Metrics in the Algerian digital repositories



5) Results

- * 50 % of the repositories measure the usage of ETDs by item downloads and location of visitors.
- * There is a significant variations between repositories regarding metrics used for measuring the impact of ETDs and content in general.
- * Faculty and participating units and Numbers of items are the most metrics in common bewteen the metrics of the Algerian digital repositories.
- * Implemeting new services for measuring impact effectively and go beyond numbers as well as benefit from the metrics generated by standard softwares repository managers.

6) Recommendations and suggestions

- * **Establishing a culture of metrics in the academic community.**
- * **Using metrics to argue for funding.**
- * **Altmetrics as value added service.**

Conclusion

"We cannot call a digital-library or electronic-publishing system a success if we cannot measure and interpret its use." Bishop, 1998



Thank you for
your attention.