Web-Scraping the JDDM Database: Citations, Reads and Downloads.

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The *Journal of Dynamic Decision Making* has just launched its fourth volume by the end of 2018. In previous editorials we reflected on the definition of Dynamic Decision Making (Fischer, Holt & Funke, 2015), on the journals's content (Fischer, Holt, & Funke, 2016) and on related research topics (Fischer, Holt & Funke, 2017). Today, we want to take the opportunity of writing our fourth editorial to reflect on the citations, reads, and downloads of papers published in the *Journal of Dynamic Decision Making*, given that four years have passed since we started publishing.[1]

Current citation profile

Readers interested in the citation profile of the *Journal of Dynamic decision Making* may refer to the journal's google scholar account (user 9Tt0ojAAAAAJ).

At the moment of writing this editorial, google scholar lists 92 citations over the last four years. Figure 1 visualizes how different articles published in the *Journal of Dynamic Decision Making* contribute to this number of citations.
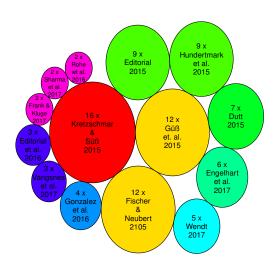

Figure 1. Citations of JDDM articles listed by google scholar until the end of 2018.

Current download profile

The numbers of online reads and article downloads can be retrieved online for each article published in the *Journal of Dynamic Decision Making*.

Figure 2 and 4 visualize how the continuous growth in reads and downloads over the years is composed by the reads and downloads of different articles. With regard to reads, some papers seem to be increasingly recognized over the years (e.g. Rohe et al., 2016, Kretzschmar et al., 2015), whereas the number of full-text downloads tends to stabilize or decrease over the years for most papers. However, the *Journal of Dynamic Decision Making* is still a young journal and we are looking forward to seeing how these numbers will develop over time in the years to come (especially with regard to the more recent volumes).

Figure 3 and 5 demonstrate how the reads and downloads of papers published in the *Journal of Dynamic Decision Making* have accumulated since the journal started publishing in Semptember 29th, 2015. As Figure 3 shows, some papers have accumulated reads more rapidly than others (especially since March 2018, e.g., Kretzschmar et al., 2015, Rohe et al., 2016, Sharma et al. 2017, Berisha et al., 2018). With regard to article downloads the accumulation tends to be slower (see Figure 5) and it seems to be more uniformly over time (with some noticable peaks right after a paper's publication, e.g., Vangsness et al. 2017). Again we have to keep in mind, that up to now the journal's history barely covers a time span of four years, and we are really looking forward to monitoring the journal's growth over time.

Some papers have managed to accumulate a comparatively high number of citations, reads and downloads (e.g., Kretzschmar et al., 2015, Fischer & Neubert, 2015 are among the Top-5 in each category) and other more recent papers also show promising patterns with regard to reads and downloads (e.g., Rohe et al., 2016, Sharma et al. 2017) and we are looking forward to monitoring their future reception within the research community.

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[1] Analyses were done on December 30th by the first author using R (version 3.5.1) and the R software packages stringr (version 1.3.1) and packcircles (version 0.3.3). Code for web-scraping the JDDM-database is available on the first author's GitHub account AndreasFischer1985.
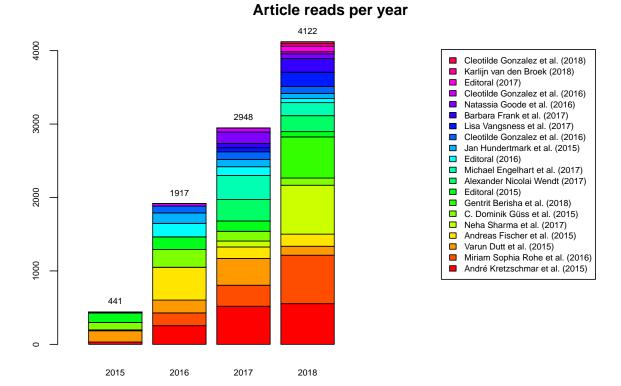
Article reads per year

Figure 2. Reads since the journal's launch in 2015.

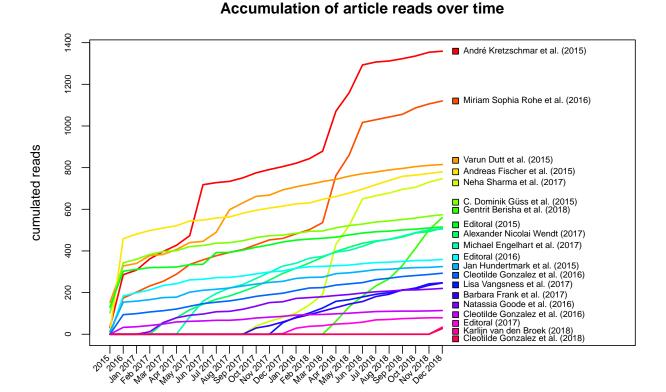## Accumulation of article reads over time

Figure 3. Accumulation of reads since the journal's launch in 2015.
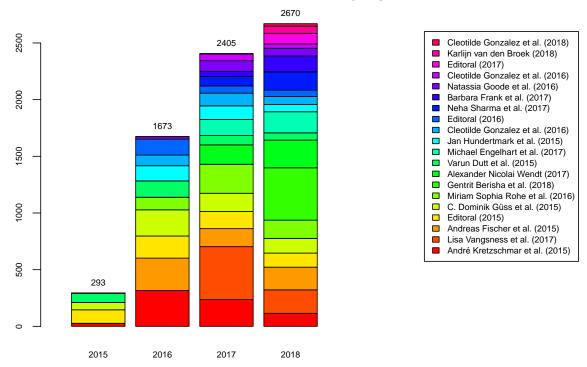
Article downloads per year

Figure 4. Downloads since the journal's launch in 2015.
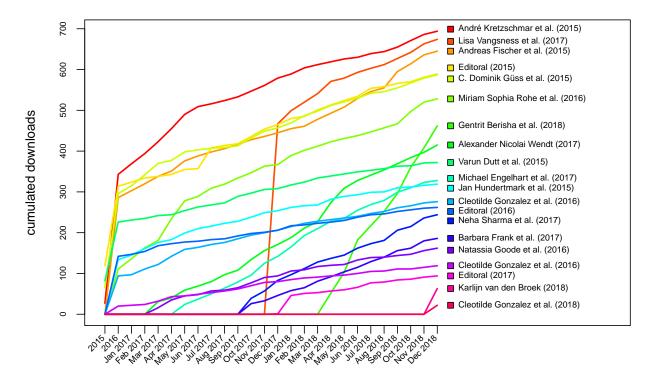
Accumulation of article downloads over time

Figure 5. Accumulation of downloads since the journal's launch in 2015.

Announcements

After many years of research on Complex Problem Solving and Dynamic Decision Making Joachim Funke, founding member of the *Journal of Dynamic Decision Making*, will retire. in his stead, Wolfgang Schoppek from the University of Bayreuth will leave the editorial board and join our editorial team.

We would like to thank all our reviewers and this year's guest editor Anna-Lena Schubert, who did a great job in improving the quality of submissions:

- Jens Beckmann (Durham University, United Kingdom),

- Dietrich Dörner (University of Bamberg, Germany),

- Helen Fischer (Heidelberg University, Germany),

- Joachim Funke (Heidelberg University, Germany),

- Cleotilde Gonzalez (Carnegie Mellon University, United States),

- Annette Kluge (University of Bochum, Germany),

- André Kretzschmar (University of Tuebingen, Germany)

- Stephan Kröner (University of Erlangen-Nuremberg, Germany),

- Wolfgang Schoppek (Bamberg University, Germany),

- Anna-Lena Schubert (guest editor from Heidelberg University, Germany),

- David A. Tobinski (University of Duisburg-Essen, Germany).

We also would like to thank the members of our editorial board for their ongoing support of the *Journal of Dynamic Decision Making*.

- Jens F. Beckmann (Durham University, United Kingdom),

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- Dietrich Dörner (University of Bamberg, Germany),

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- Stephan Kröner (University of Erlangen-Nuremberg, Germany),

- Gyöngyvér Molnár (University of Szeged, Hungary),

- Magda Osman (Queen Mary University of London, United Kingdom),

- Wolfgang Schoppek (University of Bayreuth, Germany),

- David A. Tobinski (University of Duisburg Essen, Germany).

Finally, we would like to encourage all researchers working in the field of Dynamic Decision Making to contribute their work to our journal - be it original research, theoretical contributions, replication studies or opinion articles.

There are many reasons to choose the *Journal of Dynamic Decision Making* (JDDM) as your outlet, such as

- the short time between submission, peer review, and final publication;

- currently (and hopefully in the future) no article processing fees;

- open-access to your articles for researchers worldwide;

- the possibility to add supplementary material;

- easy citation and direct access to articles with Digital Object Identifiers (DOIs); and

- high visibility of published articles through listing in the Directory of Open Access Journals (DOAJ) and Google Scholar.

Moreover, Heidelberg University Library as the host of JDDM has sustainably operated for more than 625 years. We are therefore confident that articles published in JDDM will remain freely accessible for decades (if not centuries) to come!

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Author contributions: The first author did the analyses and wrote most parts of the manuscript.

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