

Fachzeitschriften und Forschungsdaten.

Ein Arbeitsfeld zwischen Infrastrukturentwicklung, Datenpolicies und konkretem Support

Sven Vlaeminck

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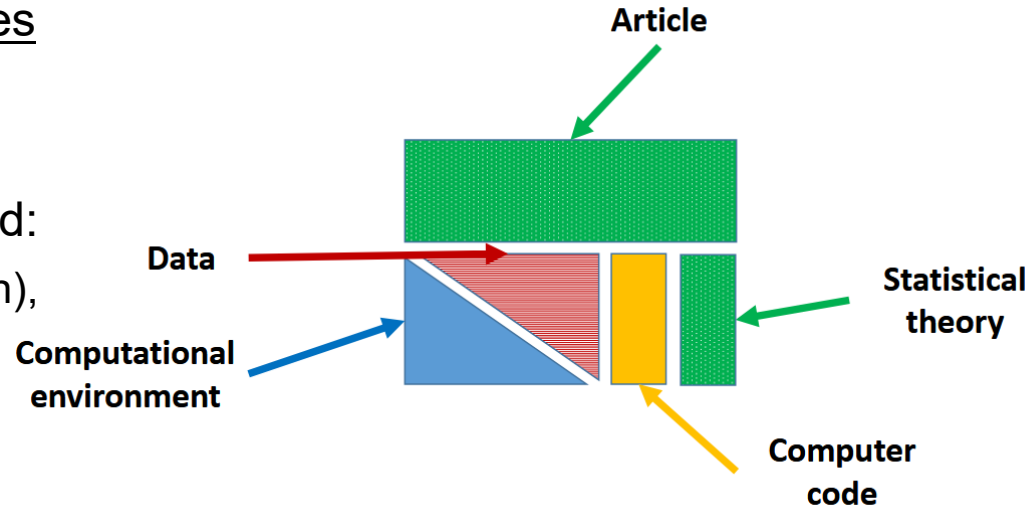
Informationsversorgung für die Wirtschaftsforschung: Zwischen Daten, Offenheit und KI, 10.7.2026

Agenda:

- Einleitung: Die Reproduzierbarkeitsproblematik
- Das ZBW Journal Data Archive (JDA)
 - ✓ Workflow und Aufgaben(teilung)
 - ✓ Erfahrungen und Herausforderungen
 - ✓ Schlussfolgerungen
- Zeit für Fragen

Einleitung

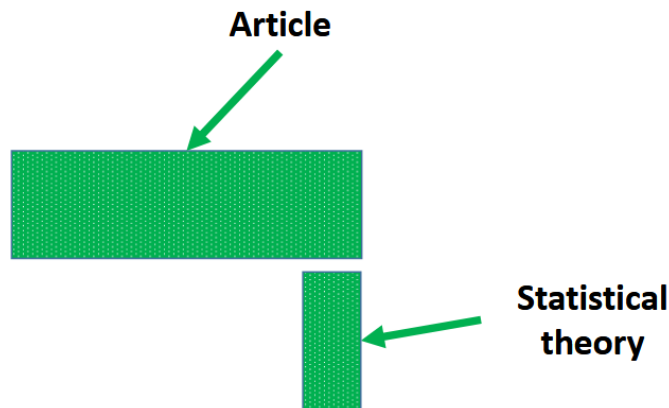
- Reproduzierbarkeit ist ein zentrales Kriterium empirischer Forschung
- Notwendig zur Reproduktion empirischer Forschungsartikel sind:
 - Forschungsdaten (+ Dokumentation),
 - Programmcode,
 - Informationen zum Forschungsprozess (oft im sog. README-file)



Grafik: Vilhuber, L. (2023, April 27). Continuous Transparency and Reproducibility in Academic Publications. Zenodo. <https://doi.org/10.5281/zenodo.7875797>

Einleitung (II)

- In der Praxis liegt aber häufig nur der Artikel selbst vor ...
- ...Forschung ist somit oft nicht reproduzierbar
- Interventionsmöglichkeiten auf verschiedenen Ebenen:
 - a. Richtlinien der Zeitschriften
 - b. Verbesserung fachlicher Praktiken
 - c. Unterstützende Infrastrukturen



Grafik: Vilhuber, L. (2023, April 27). Continuous Transparency and Reproducibility in Academic Publications. Zenodo.
<https://doi.org/10.5281/zenodo.7875797>

Forschungsdatenrichtlinien von Fachzeitschriften

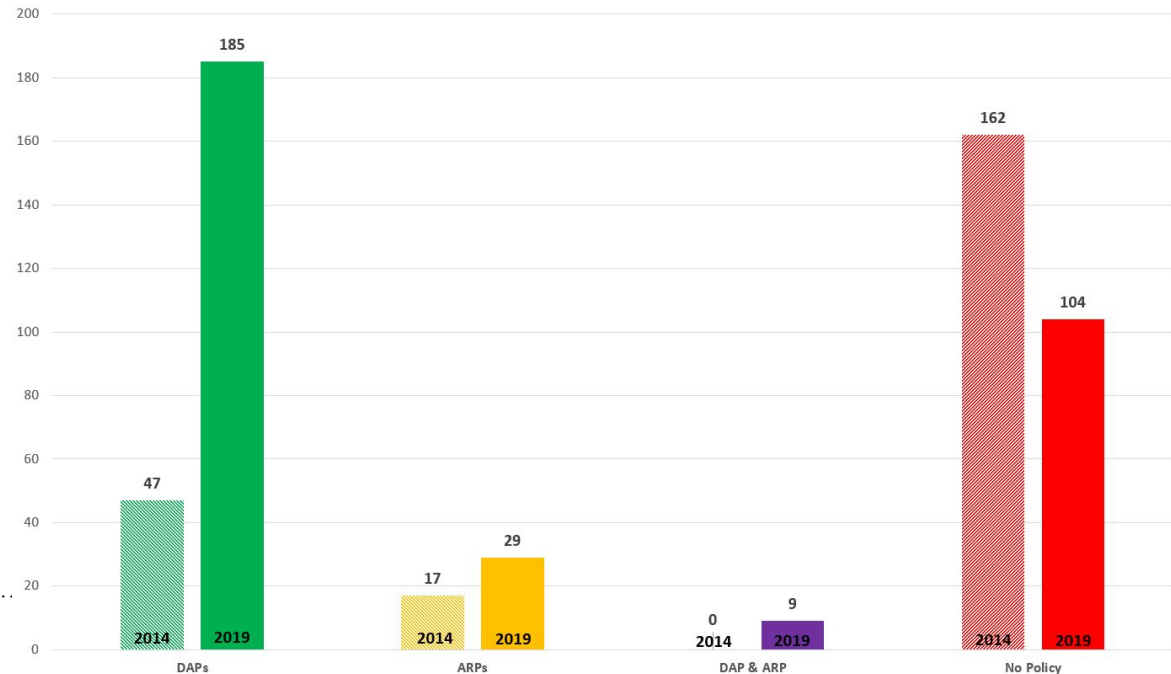
Vor ca. 10 Jahren:

- massiver Umbruch bei Verfügbarkeit von Richtlinien mit Bezug auf Forschungsdaten / *replication packages*
- ABER: Eine Policy allein schafft noch keine reproduzierbare Forschung!

Quelle: Vlaeminck, S. (2021). Dawning of a New Age? Economics Journals' Data Policies on the Test Bench. *Liber Quarterly*, 31, 1.
[doi:10.53377/lq.10940](https://doi.org/10.53377/lq.10940)

Types of Data Policies used by Economic Journals in 2014 and 2019 in comparison

(absolute numbers | n=327 [2019] | n=262 [2014])



[images and other artwork](#)

- [Supplementary material](#)
- [Video](#)
- [Research data](#)
- [Data statement](#)
- [Data linking](#)
- [Co-submission of related data, methods or protocols](#)
- [Article structure](#)
- [References](#)

Submitting your manuscript

- [Submission checklist](#)
- [Submit online](#)
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After receiving a final decision

- [Article Transfer Service](#)
- [Publishing agreement](#)
- [Research data](#)
- [Data statement](#)
- [Data linking](#)
- [Co-submission of related data, methods or protocols](#)
- [Article structure](#)

Research data

We are committed to supporting the storage of, access to and discovery of research data, and our [research data policy](#) sets out the principles guiding how we work with the research community to support a more efficient and transparent research process.

Research data refers to the results of observations or experimentation that validate research findings, which may also include software, code, models, algorithms, protocols, methods and other useful materials related to the project.

Please read our guidelines on [sharing research data](#) for more information on depositing, sharing and using research data and other relevant research materials.

Research data deposit, citation and linking

For this journal, **Option B** instructions from our [research data guidelines](#) apply. This means that you are **encouraged** to:

- Deposit your research data in a relevant data repository.
- Cite and link to this dataset in your article.
- If this is not possible, make a statement explaining why research data cannot be shared.

Data statement

To foster transparency, you are required to state the availability of any data at submission.

Ensuring data is available may be a requirement of your funding body or institution. If your data is

Journals

American Economic Review

AER: Insights

Journal of Economic Literature

Journal of Economic Perspectives

AJ: Applied Economics

AJ: Economic Policy

AJ: Macroeconomics

AJ: Microeconomics

Subscriptions

Copyright and Permissions

Policies

Data and Code

Data and Code Availability Policy

Data Legality Policy

Policy for Papers Conducting Experiments

Policy on Third-Party Verifications

Policy on Revisions of Data and Code Deposits

Previous Policies

Frequently Asked Questions

Research Alerts
Research Highlights

Back Issues

Print on Demand

Data and Code Availability Policy

Data and Code Availability Policy

Prior to acceptance, authors of papers that contain empirical work, simulations, or experimental work must provide the data, code, and other details of the computations sufficient to permit replication. These materials must be made available and retained in an openly accessible trusted data repository, such as the AEA Data and Code Repository.

These requirements will be adjusted under certain circumstances:

- If providing the data publicly is not possible despite the authors' best efforts and due to valid constraints outside the authors' control, authors must (i) commit to preserving data and code for a period of no less than five years following publication of the manuscript, (ii) commit to providing reasonable assistance to requests for clarification and replication, (iii) make the code publicly available, and (iv) publicly document the source of the data, including appropriate contact information. Authors' constraints in making the data publicly available must be noted at the time of submission and may be verified by the AEA data editor prior to acceptance.
- In rare cases where any of requirements (i)-(iv) above cannot be met due to valid constraints beyond the authors' control, the AEA data editor and the journal editor may choose to modify the requirement(s), and such modifications will be noted in the article acknowledgements. However, in these cases the source of the data must still be disclosed to the AEA data editor prior to final acceptance of the paper.

The AEA data editor will assess compliance with this policy, including by conducting reproducibility checks and verifying the accuracy of the information provided, and will assist the authors in achieving compliance.

Requirements and Guidelines

The American Economic Association endorses DCAS, the [Data and Code Availability Standard v1.0](#)  used by multiple journals in economics, and this data and code availability policy is compatible with DCAS. The specific terms and requirements are described in more detail below.

Data

Data Availability Statement (DCAS #1)

A Data Availability Statement covering both the source data and any derivative data must be provided either in the README file (see below) or as part of an online appendix. This statement should contain detailed information about data provenance, i.e., how, where, and under what conditions an independent researcher can replicate the steps needed to access the original data, including any limitations and the expected monetary and time cost of data access. This information must be provided even when all data are included as part of the deposit.

Raw Data (DCAS #2)

Raw data used in the research (primary data collected by the author and secondary data not otherwise available) must be included in the replication package unless the exceptions for non-public data apply (see below) or unless the exact extract of the raw data used in the analysis is published in a trusted repository that satisfies the FAIR data principles (see [guidance](#)) and a permanent identifier (e.g., DOI) is provided as part of the Data Availability Statement.

Analysis Data (DCAS #3)

Analysis data should be provided as part of the replication package unless the exceptions for non-public data apply (see below) or unless they can be fully reproduced from accessible data within a reasonable time frame and with reasonable resources.

Non-Public Data

If raw or analysis data cannot be published as part of a replication package or in an openly accessible trusted data repository, the reason(s) must be provided in the Data Availability Statement. Examples include confidential data with identifying information of persons or businesses and data subject to data use agreements or copyrights that prohibit redistribution. It is generally not acceptable that data be provided "upon request" if the request must be approved by the

Formats (DCAS #4)

The data files may be provided in any format compatible with any commonly used statistical package or software. Authors are encouraged to provide data files in open, non-proprietary formats.

Metadata (DCAS #5)

Each variable in the provided datasets should have a meaningful name or description (label), or authors may provide separate codebooks or similar metadata that describe the allowed values and their meaning. It is acceptable to reference publicly available documentation for these items.

Data Citations (DCAS #6)

Please cite all data used in the paper and the approved online appendices as per [AEA Reference Style](#).

Computer Code

A master script is strongly encouraged. When no master script is included, please provide sufficient and precise step-by-step instructions, allowing users to exactly reproduce the generated outputs with the least amount of effort.

When additional packages or libraries are required to run the code, please provide a setup program, containing commands to download and install the necessary packages or libraries.

Code for Data Transformation and Data Cleaning (DCAS #7)

All programs used to generate the analysis data from raw data must be included, even if the raw data cannot be provided.

Code for Analysis (DCAS #8)

Programs that produce computational results such as estimation, simulation, model solution, and visualization must be included. Ideally, these programs reproduce all the computational exhibits in the paper and approved online appendices with minimal human intervention.

Formats (DCAS #9)

The programs may be provided in any format compatible with commonly used statistical packages or software. Should unusual or costly software be required, please notify the AEA Data Editor.

Software Citations

Citation of software packages (e.g., Stata packages, R libraries) is encouraged.

Supporting Materials

Instruments and Experiment Instructions (DCAS #10)

For papers collecting original data through surveys or experiments, the replication materials must include survey instruments or experiment instructions, computer code for experiment or survey collection mechanisms, and original instructions and details on subject selection, unless this information is already provided as part of the paper's appendix. Please see the supplementary [Policy for Experimental and Survey Papers](#).

Ethics Approval (DCAS #11)

If applicable, approval by ethics boards—the Institutional Review Board (IRB) in the United States and equivalent institutions elsewhere—should be demonstrated by including the name of the ethics board and any approval or exemption record number in the title footnote and the author disclosure statement(s). Please see the [Disclosure Policy](#).

Unterstützende Infrastruktur

JOURNAL DATA

Log in

ARCHIVE Powered by ZBW

<https://journaldata.zbw.eu>

SEARCH



DATASETS

JOURNALS

INFO

WELCOME TO THE ZBW JOURNAL DATA ARCHIVE!

The ZBW Journal Data Archive is a service for editors of journals in economics and management. The aim of this web service is to offer scholarly journals an easy to handle infrastructure for managing and storing data sets of published articles and to link the data sets to their corresponding publication. The service is free of charge for academic journals.

Authors of these journals are invited to submit their replication files to the data archive. A documentation on how to use the application is available [here](#).

More information on our service is available [here](#) or in this [video](#). The video takes only 6 minutes of your time.

The ZBW Journal Data Archive is the successor of a pilot application that has been developed by the DFG-funded project [EDaWaX](#).

If you are interested in employing the JDA for your journal, please get in touch with [us](#).

Please Note: The application does not work well with the Microsoft Edge Browser. Please use Chrome or Firefox instead.



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safely archived by

ZBW

re3data.org
REGISTRY OF RESEARCH DATA REPOSITORIES
<http://doi.org/10.17616/R38M03>
ZBW Journal Data Archive



Das ZBW Journal Data Archive (JDA)

- Web-Applikation, die durch wirtschaftswissenschaftliche Fachzeitschriften kostenfrei genutzt werden kann
 - Ziel: Verbesserung der Reproduzierbarkeit datenbasierter/empirischer Wirtschaftsforschung
 - Entwickelt im DFG-Projekt „*European Data Watch Extended*“ (EDaWaX, 2011 - 2016), im Produktivbetrieb seit 2016/17
 - Seither Publikation von fast 2.000 *replication packages* aus neun Zeitschriften, (davon fünf mit *Impact Factor*)
 - Applikation basiert auf stark modifiziertem CKAN (Anpassung an wissenschaftlichen Publikationsprozess, z.B. Review, DOI-Vergabe etc.)
-



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JOURNAL DATA ARCHIVE
Make Your Research Reproducible

Das ZBW Journal Data Archive (JDA)

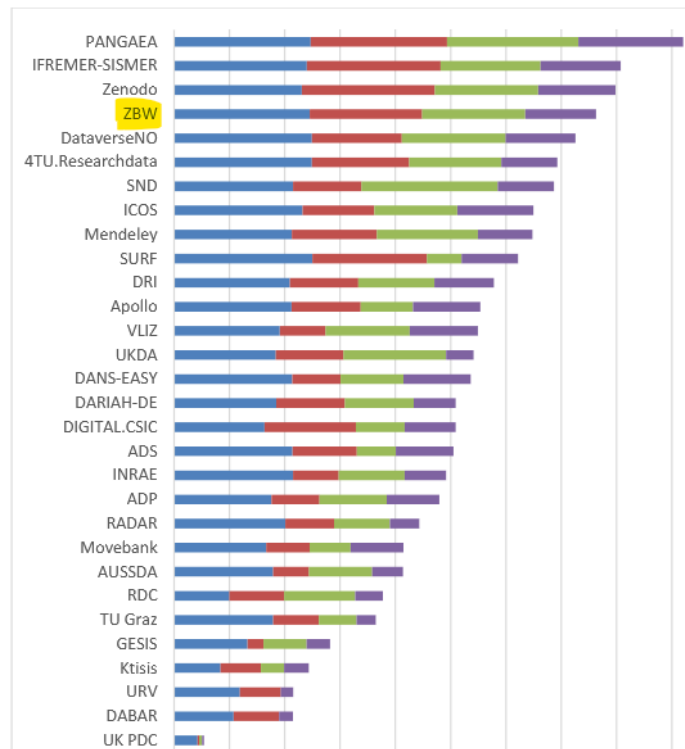
- Starker Fokus auf umfassende Metadatenerstellung, v.a. für
 - DataCite
 - Internetsuchmaschinen / KI-Agents
- Hohe *FAIR compliance* (laut F-UJI Tool und EU-Studie*)

* <https://op.europa.eu/s/AgW0>



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Figure 26. Average FAIR scores for each repository



Journals

Diese Zeitschriften nutzen das Journal Data Archive - allerdings sehr unterschiedlich intensiv



GJAE

The German Journal of Agricultural Economics (GJAE) is a double blind peer...

7 Datasets



German Economic Review

German Economic Review, the official English-language publication of the...

85 Datasets



Intereconomics

Intereconomics is a platform for economic and social policy debates in...

1 Dataset



Journal of Economics and Statistics

The Journal of Economics and Statistics (Jahrbücher für Nationalökonomie und...

195 Datasets



Junior Management Science

Junior Management Science (JUMS) is the first scientific journal to publish...

0 Datasets



SJPE

The Scottish Journal of Political Economy is a generalist journal with an...

0 Datasets



International Journal for Re-Views in Empirical Economics

The International Journal for Re-Views in Empirical Economics (IREE) is the...

18 Datasets



JCRE

The Journal of Comments and Replications in Economics (JCRE) aims to be the...

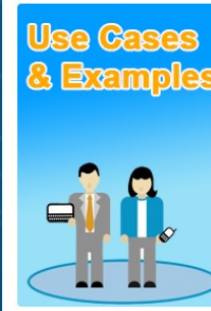
31 Datasets



Journal of Applied Econometrics

The Journal of Applied Econometrics aims to publish articles of high quality...

1621 Datasets



Use Cases & Examples

This journal is primarily for testing purposes. In addition, we exemplarily...

5 Datasets



VSWG - Journal of Social and Economic History

Founded in 1903, Vierteljahrschrift für Sozial- und Wirtschaftsgeschichte is...

13 Datasets

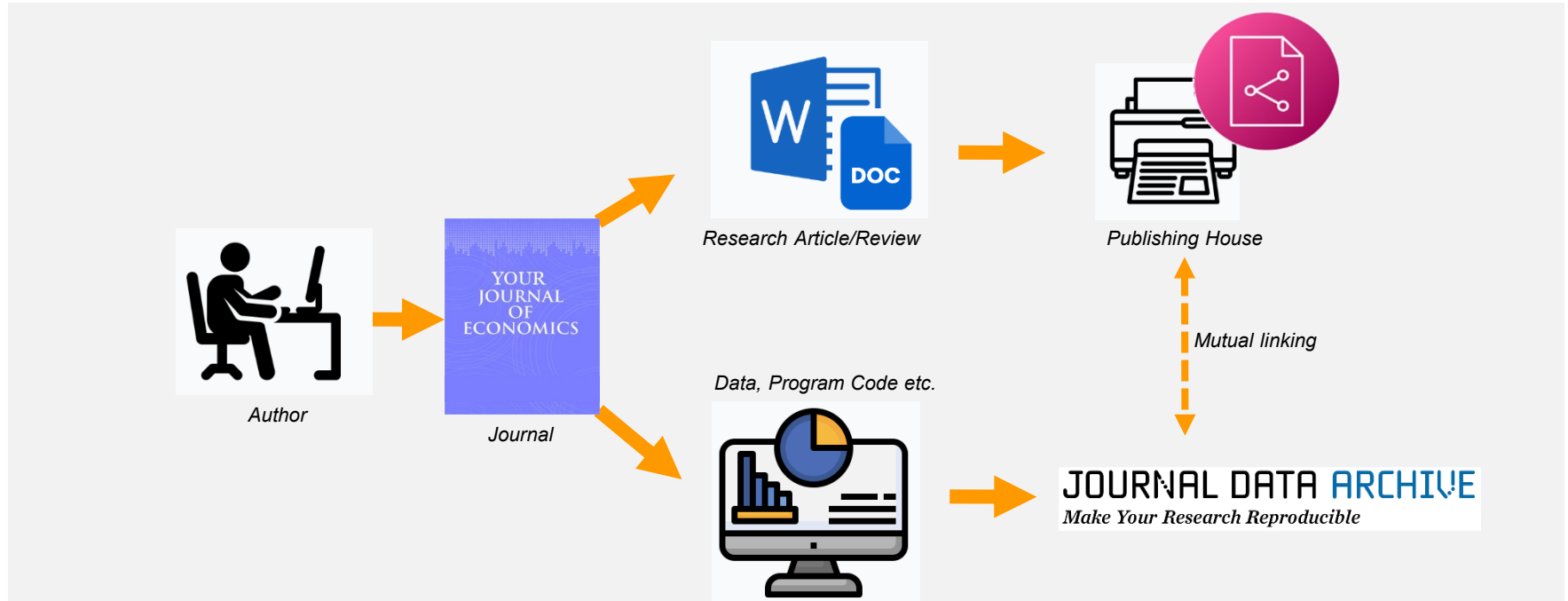


Wirtschaftsdienst

Der Wirtschaftsdienst ist eine monatlich erscheinende deutsche Zeitschrift...

1 Dataset

Vereinfachter Workflow: Aufgaben der Autor:innen



Der Einreichungsprozess (I)

Title:* The impact of behavioral design and users' choice on smartphone ap

URL: jda-test.zbw.eu/dataset/the-impact-of [Edit](#)

Description: Behavioral design in smartphone apps aims at inducing certain, monetizable behavior, mainly increased engagement, measurable by usage time. Such design is rarely transparent and often restricts users' ability to make alternative choices. In a framed field experiment, we document that behavioral design doubles app usage time compared to a version without behavioral elements. Providing users with choices-

You can use [Markdown formatting here](#)

Publication Year:* 2026

Version:* 1.0

Article Submission ID: eg. 2016-12346

JELs: ☐ C93 ☐ D83 ☐ L86 ☐ M14 ☐ O33

Keywords: ☐ behavioral control ☐ corporate social responsibility ☐ field experiment ☐ filtering algorithm ☐ self-determination ☐ smartphone app ☐ transparency and choice

Authors

Author:*

Last Name:* Timko

First Name: Christina

Affiliation: Wissenschaftszentrum Berlin für Sozialforschung (V)

Professional URL: <http://www...>

Personal ID: 0000-0002-3741-0316

ID Type:*

[x] Author:

Last Name:* Adena

First Name: Maja

Affiliation: Wissenschaftszentrum Berlin für Sozialforschung (V)

Professional URL: <http://www...>

Personal ID: 0000-0002-6378-3466

ID Type:*

[Add Author](#)

Der Einreichungsprozess (II)

[Edit resource](#) [← All resources](#) [View resource](#)

Resource type:

Data

File:

Data

Text/Documentation/PDF

Name*:

Code

Description:

Other

You can use [Markdown formatting](#) here

Format:

ZIP

This will be guessed automatically. Leave blank if you wish

+

 Creator (if the creator is not the author(s), please click to edit this field)

Publication Year*:

2026

This will be guessed automatically. Leave blank if you wish

Availability*:

Free Download

Version*:

1.0

[Edit resource](#) [← All resources](#) [View resource](#)

Resource type:

Text/Documentation/PDF

File:

readme.txt

Remove

Name*:

readme.txt

Description:

readme file with instructions on how to reproduce the results

You can use [Markdown formatting](#) here

Format:

TXT

This will be guessed automatically. Leave blank if you wish

+

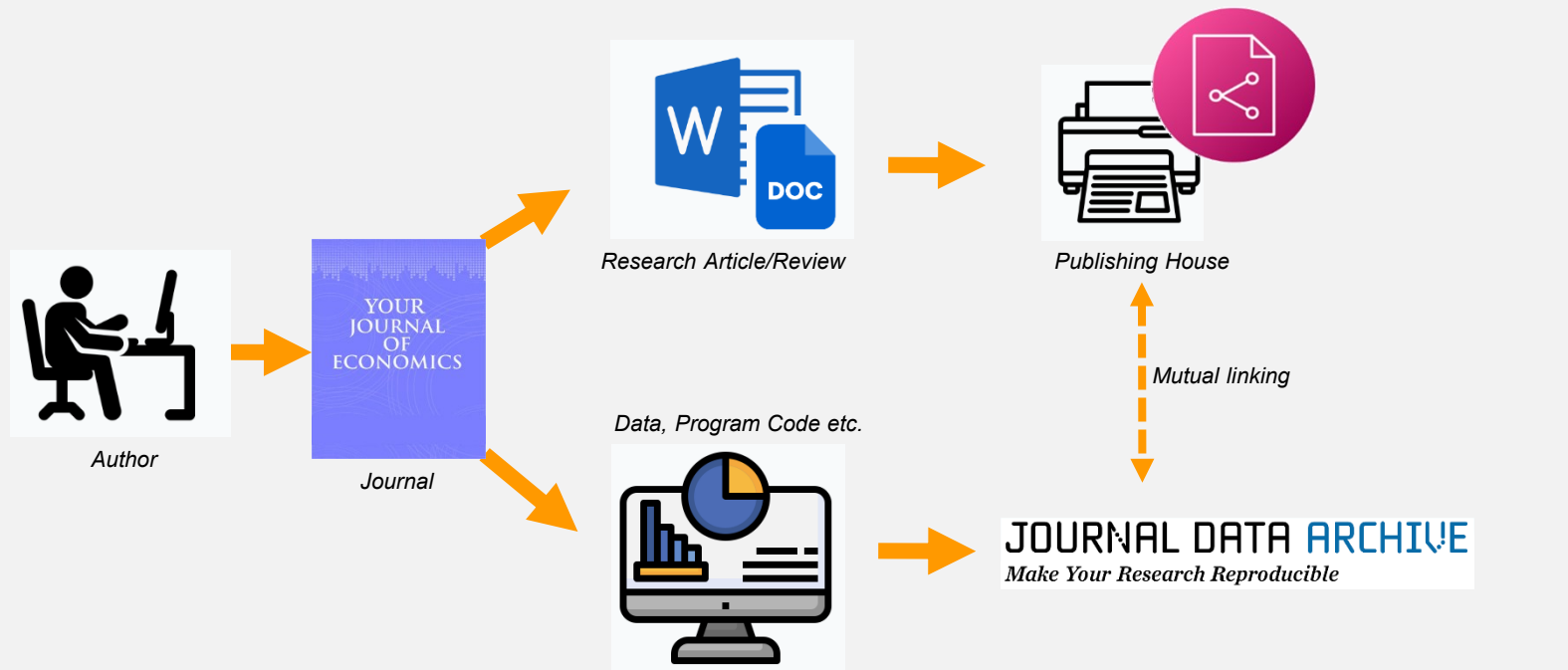
 Creator (if the creator is not the author(s), please click to edit this field)

Publication Year*:

2026

This will be guessed automatically. Leave blank if you wish

Vereinfachter Workflow: Aufgaben der Editors



All Icons by www.flaticon.com |

Aufgaben des Editorial Office

Related Publication

[Edit metadata](#) [Resources](#) [DOI Registration](#) [View dataset](#)

DOI REGISTRATION

Dataset

DOI Proposal: [10.82943/sdj.2026160.1740526927](#)

Test / Control

[XML](#)

`datacite_DOI_Test:
datacite_registered_test:
datacite_updated_test:`

Resources

By default, single resources do not get a DOI, only the dataset as a collection. Here you can, however, select resources that you would like to get their own DOI. Please avoid to assign DOIs to non-essential files, like Readme.txt or similar. Note that you cannot assign DOIs to resources with external URLs.

 **replication.hl.zip** [Get DOI](#) [XML](#)
This folder contains the datasets and do files. Please read the readme-file... DOI Proposal: [10.82943/sdj.2026160.1743655273R](#)

 **readme.txt** [Get DOI](#) [XML](#)
readme file with instructions on how to reproduce the results DOI Proposal: [10.82943/sdj.2026160.1743291144R](#)

[Dataset](#) [Add Reviewer](#) [Back to Author](#) [Publish](#) [Manage](#)

Christina Timko ; Maja Adena

THE IMPACT OF BEHAVIORAL DESIGN AND USERS' CHOICE ON SMARTPHONE APP USAGE AND WILLINGNESS TO PAY: A FRAMED FIELD EXPERIMENT (REPLICATION DATA) [PRIVATE](#) [IN REVIEW](#)

Behavioral design in smartphone apps aims at inducing certain, monetizable behavior, mainly increased engagement, measurable by usage time. Such design is rarely transparent and often restricts users' ability to make alternative choices. In a framed field experiment, we document that behavioral design doubles app usage time compared to a version without behavioral elements. Providing users with choices simply explained and conveniently adjustable design features reduces usage time and increases their willingness to pay for the app. These findings suggest that offering choice could pave the way for new business models based on more responsible app design.

Data and Resources

 **replication.hl.zip** [explore](#)
This folder contains the datasets and do files. Please read the readme-file...

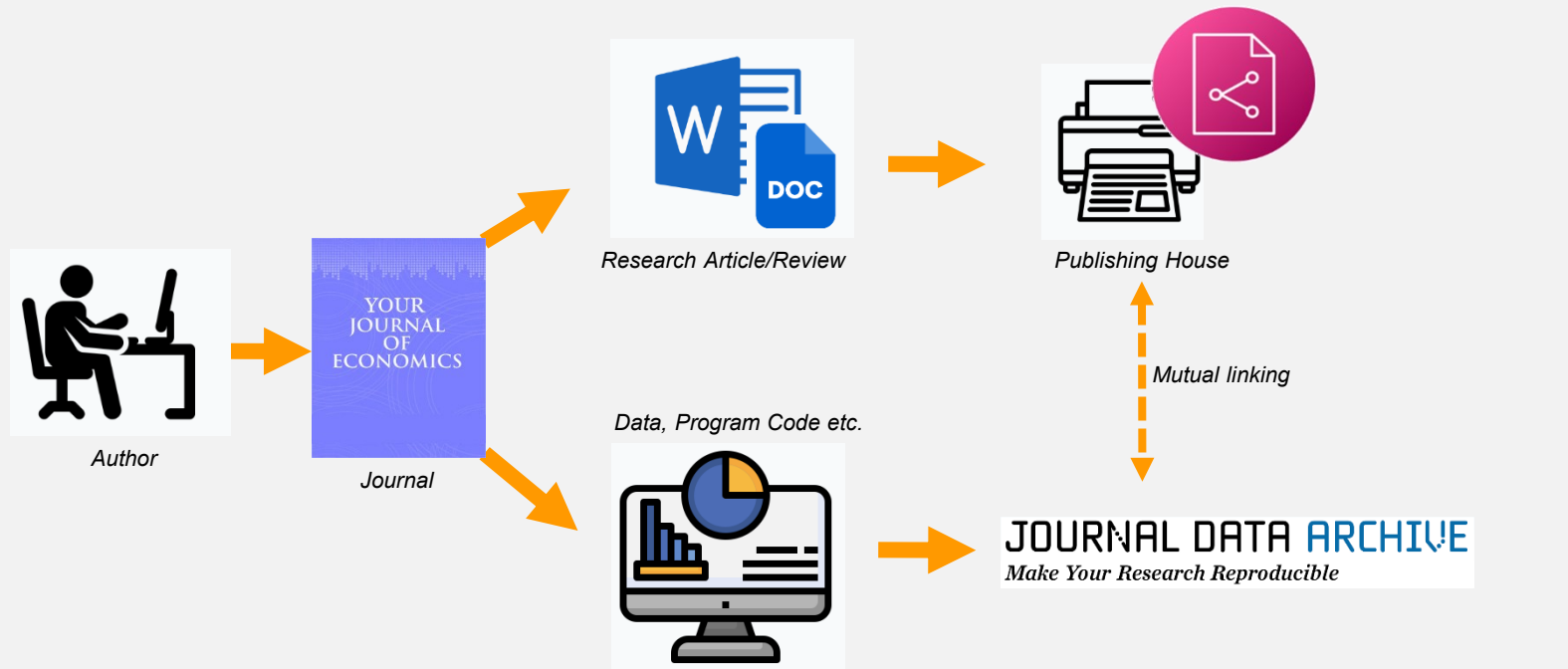
 **readme.txt** [explore](#) [download all](#)
readme file with instructions on how to reproduce the results

Suggested Citation [export](#)

Timko, Christina; Adena, Maja (2026): The impact of behavioral design and users' choice on smartphone app usage and willingness to pay: A framed field experiment (replication data). Version: 1.0. Test Journal. Dataset. <https://jda-test.zbw.eu/dataset/the-impact-of>

Related Publication

Vereinfachter Workflow: Aufgaben der ZBW



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Aufgaben des ZBW-Teams

- Ergänzung und teilweise Prüfung von Metadaten (insbesondere Keywords, JEL, *Personal-* und *Institutional Identifier* (ROR, GND, ORCID), Publikationsmetadaten)
- Schulung neuer Editors
- „Helpdesk“, Erstellung von Supportmaterialien (Text/Video)
- Technische und technologische Weiterentwicklung des JDA in enger Abstimmung mit der Community
- Fortwährende Verbesserung der Auffindbarkeit und der Verlinkung von Metadaten und Forschungsdaten (-> DataCite, Google und Co.)

Replikationsdaten im Journal Data Archive

The screenshot shows the landing page for a dataset in the Journal Data Archive. The page is divided into several sections:

- Dataset Header:** Includes the dataset title, authors (massimiliano ferraresi ; Gianluca Gucciardi), and the DOI (10.15456/ger.2022285.135645).
- Abstract:** A paragraph summarizing the study, which exploits the natural experimental setting provided by the Covid-19 lockdown to analyse how performance is affected by a friendly audience.
- Data and Resources:** A section listing available files for download, including 'read me.txt', '2022_FG_GER.dta', and 'do_football_GER_R&R_final_sent.do'.
- Suggested Citation:** A section providing a template for citing the dataset in academic work.
- Related Publication:** A section listing other publications related to the dataset.

DOI zur dieser ,landing page' mit replication package

Abstract des
zugehörigen Artikels
(Alternativ: Inhalt
des readme-files)

Replication package

Zitationsvorschlag

Link (DOI) zum
zugehörigen Artikel



Erfahrungen und Herausforderungen

- Einige Erfahrungen nach einem Jahrzehnt Produktivbetrieb:
 - Unterstützende Infrastrukturen sind wichtiger Bestandteil für reproduzierbare(re) Forschung, aber keineswegs Allheilmittel
 - Gute *Data Policies* von Zeitschriften führen oft zu besseren *replication packages*
 - Keine allgemein anerkannte und praktizierte Praxis bei der Gestaltung von *replication packages* & readme files -> Individuelle Kenntnisse/Aufwand
 - Kaum Anreize zur Bereitstellung hochwertiger *replication packages*
 - Oft keine Begutachtung von Daten und Code

Einige Schlussfolgerungen

- Was lässt sich aus diesen Erfahrungen schließen?
 - Standards nötig zur Gestaltung von *data policies* und *replication packages* in den *social sciences* (-> [DCAS](#) | [SSDE](#))
 - Thema „Replikationen/Reproduktionen“ stärker in universitärer Aus- und Fortbildung aufgreifen
 - Publikation qualitativ hochwertiger Forschungsdaten bedarf stärkerer Anerkennung (-> Anreize!)
 - Viele Fachzeitschriften benötigen Support beim Review von Daten

Vielen Dank für Ihre Aufmerksamkeit!

➤ Gibt es Fragen?



Credit: [„Questions“](#) by Oberazzi on flickr.com. [License](#): CC-BY-SA-NC 2.0

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Leibniz-Informationszentrum
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Ausblick

Derzeit: Projekt „*ReproCheck*“ (ZBW, Data Editor der AEA, FDZ Ruhr am RWI)

- Ziel: Entwicklung (halb-)automatischer Reproduktionsumgebungen
- Zusätzlich werden SHKs ausgebildet, um Review zu unterstützen (-> Checklisten)
- Projekt = ‚Machbarkeitsstudie‘ für Einreichungen auf Basis von R und STATA
- Könnte zu erweitertem Review-Service für JDA-Einreichungen führen

Zudem:

- Bereitstellung von *best practises* zur Erstellung von *replication packages*
- Migration der Applikation und Daten auf InvenioRDM

Literatur

- Chang, Andrew C., and Phillip Li (2015). "Is Economics Research Replicable? Sixty Published Papers from Thirteen Journals Say "Usually Not"," *Finance and Economics Discussion Series*, 2015-083. Washington: Board of Governors of the Federal Reserve System. DOI: [10.17016/FEDS.2015.083](https://doi.org/10.17016/FEDS.2015.083)
- European Commission: Directorate-General for Research and Innovation, DCC, DANS, EFIS & Visionary Analytics. [Directorate-General for Research and Innovation, DCC, DANS, EFIS, Visionary Analytics]. (2022). *European Research Data Landscape : final report*. Publications Office of the European Union. <https://data.europa.eu/doi/10.2777/3648>.
- Koren, M., Connolly, M., Lull, J., & Vilhuber, L. (2022). Data and Code Availability Standard (1.0). Zenodo. [doi:10.5281/zenodo.7436134](https://doi.org/10.5281/zenodo.7436134)
- Vlaeminck, S. (2021). Dawning of a New Age? Economics Journals' Data Policies on the Test Bench. *Liber Quarterly*, 31, 1. [doi:10.53377/lq.10940](https://doi.org/10.53377/lq.10940)