



Institute for
New Economic Thinking

ReplicationWiki

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“Research that cannot be replicated is not science, and cannot be trusted either as part of the profession’s accumulated body of knowledge or as a basis for policy.” (McCullough/Vinod 2003)

Lack of

- replicable material

- replications

Incentives:

- publications

- avoid conflicts

Our suggestions:

- work with students

- wiki

Teaching cooperation

- University of Toronto
- University of Bonn
- German universities Marburg, Aachen, Gießen, Göttingen, Kassel & Siegen
- Graduate Institute, Geneva
- Nanjing Agricultural University

Findings from the teaching experience

- usually not every result published can be obtained from available material
- steps to go from raw data to those used for final analysis hardly ever available

Examples of why not all results can be replicated

- deviations in number of observations
- missing variables
- dataset unavailable in version used for publication → use DOI!
- software extensions unavailable
- code is missing
- insufficient documentation

Approach for the ReplicationWiki

<http://replication.uni-goettingen.de>

- database for about 2,600 empirical studies, mainly from six journals with replication archives 2000-2013
- 313 replications found in the literature



Page Discussion

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Welcome to Replication in Economics!

3,360 articles

- Replication in economics
- Journal policies
- Replication in teaching
- Literature
- Links
- Replication in other fields of science
- Useful tools

Navigation

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Search:

Find one of 1,880 studies to replicate	Browse in 86 journals, 19 Working paper series & blogs and 6 books	Browse by JEL codes, methods, data type, and software used	Find one of 207 replications
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Enter a new:

replication	replicated study	Study lacking replication
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This wiki serves as a database of empirical studies.

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About the project

For scientific progress, it is pivotal to review research findings by independently replicating results, thus making the findings more reliable. However, in econometric research, it is not yet common practice to publish replication findings. This wiki serves as a database of empirical studies, the availability of replication material for them and of replication studies. It can help teaching replication to students. Seminars at several faculties internationally were already taught for which the information of this database was used.

So far the focus has been on some leading journals in economics. Replication results can be published as [replication working papers](#) of the University of Göttingen's [Center for Statistics](#). Teaching and providing access to information will raise awareness for the need for replications, provide a basis for research about the reasons why replications so often fail and how this can be changed, and educate future generations of economists about how to make research replicable. The starting phase of this project was funded by the [Institute for New Economic Thinking \(INET\)](#).

Join the project

You can join the project by [entering a new replication](#) or [empirical studies that could be replicated](#). For the latter you can vote which ones you find most relevant to be replicated. Furthermore, you can improve the articles in the wiki and make comments. Under [current events](#) you can announce news and upcoming events. The community portal lists open tasks and suggestions for the wiki.

Latest replication

- 20 May 2015: [Is newer better? Penn World Table Revisions and their impact on growth estimates \(JME 2013\)](#)
- 20 May 2015: [Cultural versus Biological Factors in Explaining Asia's "Missing Women": Response to Oster \(PDR 2006\)](#)
- 20 May 2015: [Can Hepatitis B Mothers Account for the Number of Missing Women? Evidence from Three Million Newborns in Taiwan \(AER 2008\)](#)
- 19 May 2015: [Further Tests of Abortion and Crime: A Response to Donohue and Levitt \(2001,2004, 2006\) \(NBER 2006\)](#)
- 19 May 2015: [A Simple Test of Abortion and Crime \(RES 2009\)](#)

News

Working paper: ["The Meaning of Failed Replications: A Review and Proposal"](#) by [Michael Clemens](#), April 9, 2015 - response: ["Replication Talk Costs Lives: Why are economists so concerned about the reputational effects of replications?"](#) by [Richard Palmer-Jones](#), April 24, 2015

Working paper: ["Pre Analysis Plans Help \(only\) when Replications are Infeasible"](#) by [Lucas C. Coffman](#) and [Muriel Niederle](#), February 14, 2015

[Agenda for Open Research](#) calls for reviewers to, "beginning January 1, 2016, [...] make open practices a pre-condition for more comprehensive review."



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Capital is back: Wealth-income ratios in rich countries, 1700- 2010 (QJE 2014)

This page needs attention because as of April 10, 2015, only a working paper version of this study can be found in the RePEc databases. The links need to be updated once the published version is covered by RePEc.

Contents [hide]

- 1 Article
- 2 Article information
- 3 Replication of this study
- 4 References

Article

Authors	Title	Journal	Year	Edition	Pages	JEL Codes	Keywords
Thomas Piketty, Gabriel Zucman	Capital is back: Wealth-income ratios in rich countries, 1700- 2010	QJE	2014	3	1255-310	E10, E20, D30, D31, D33	-

Article information

Program code	Data	Readme	Method(s) & estimation	Data type	Data used	Origin of data used	Software used (Version)
2 - available online elsewhere than on journal website	2 - available online elsewhere than on journal website	2 - available online elsewhere than on journal website	-	-	published on author webpage: http://piketty.pse.ens.fr/fr/capitalisback	G7, Australia, Spain	Excel

Replication of this study

Authors	Title	Journal	Year	Edition	Pages	JEL Codes	Keywords	Replication type	Replication result [refer to replication type 1 and 2]	Raw data	Call into question	Authors statement
Matthew Rognlie	Deciphering the fall and rise in the net capital share	BPEA	2015	1	-	-	-	-	-	-	-	-

References

DOI: [10.1093/qje/qju018](https://doi.org/10.1093/qje/qju018) IDEAS: [p/cpr/ceprdp/9588.html](https://ideas.repec.org/p/cpr/ceprdp/9588.html) EconPapers: [RePEc: cpr. ceprdp. 9588](https://econpapers.repec.org/cpr/ceprdp/9588)

Categories: Pages needing attention | Replicated study | QJE 2014 (3)

This page was last modified on 18 April 2015, at 20:09.

This page has been accessed 36 times.

Privacy policy About Replication/Wiki Disclaimers



US-centrism in the literature

of about 1500 studies with information on geographic origin of the data, nearly 900 from the US

UK 59, Canada 39, Italy 29, Sweden 24, Japan 23, China 22, Australia, Kenya and Spain 17, Norway 15, Switzerland 14, Israel 12, Russia six, South Africa five, Greece four

What the Wiki can and what it **cannot** serve for

it documents

- availability of replication material
- replications found in the literature

no judgement on

quality of studies or replications!

criteria how to categorize studies need to be
constantly improved

Advantages of wiki

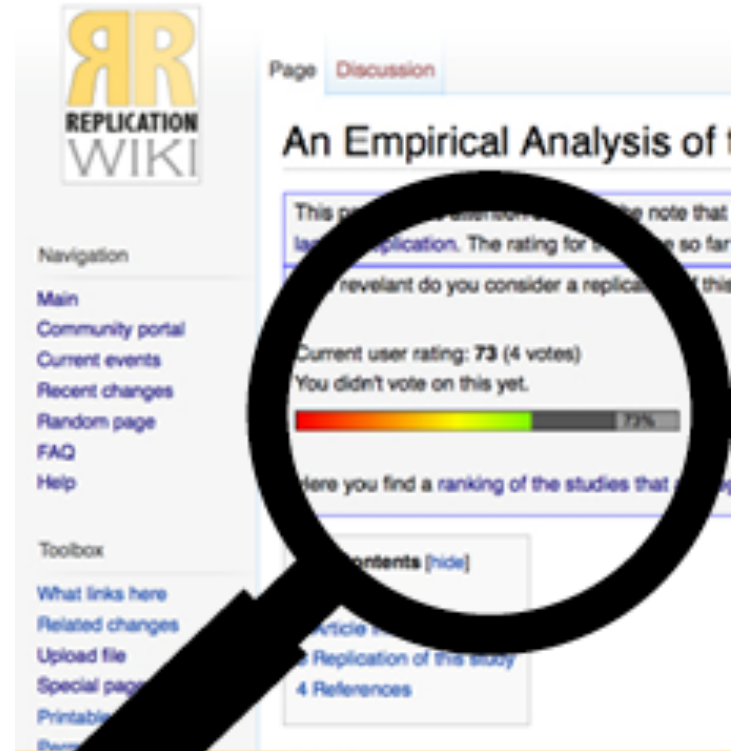
- small contributions possible
- use talent of those who are good at improving existing research
- overview of replicability in economics

Usage of the Wiki

So far more than 1.7 million page views, 126 users

- several blogs and media outlets reported
- IDEAS/RePEc links back to study pages that link there
- listed among AEA useful resources for economists
- cited in handbooks and journals, also in political science and empirical law

**You can vote
which studies
should be
replicated**



How to get more users for the Wiki?

More content:

Expand the database:

all major journals with archives

lab experiments / theoretical studies /
business economics, other disciplines

Guidelines how to

prepare replicable material: project TIER
write replications

How to get more users for the Wiki?

endorsements of key players:

associations

influential researchers

join with other projects?

How to further improve transparency in social science research

- more comments, corrections, retractions?
- replication editors?

Conclusion and Outlook

common effort lowers individual costs

data availability policies should be enforced

make them a universal standard

take away from journals to avoid
conflicts of interest