# Możliwości reprodukowalności magazynów na przestrzeni lat

*AUTORZY: MIKOŁAJ MALEC, MACIEJ PACZÓSKI, BARTOSZ ROŻEK*

# Wstęp

## Czym jest reprodukowalność

Reprodukowalność  to możliwość uzyskania tych samych wyników (lub bardzo bliskich), przy wykorzystaniu tych samych zasobów i środowiska.

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2. Dostępność tabel z danymi użytych w artykule
3. Czy paczki (packages) użyte w artykule są nadal dostępne
4. Informacje o urządzeniu i środowisku

# JMLR Machine Learning Open Source Software

Journal of Machine Learning Research (JMLR) stanowi międzynarodowe forum elektronicznej i papierowej publikacji wysokiej jakości artykułów naukowych we wszystkich obszarach uczenia maszynowego. Wszystkie opublikowane prace są dostępne bezpłatnie w Internecie.

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# JMLR Machine Learning Open Source Software



## JMLR Volume 21

A Low Complexity Algorithm with O(√T) Regret and O(1) Constraint Violations for Online Convex Optimization with Long Term Constraints
***Hao Yu, Michael J. Neely***; (1):1–24, 2020.
[abs][pdf][bib]

A Statistical Learning Approach to Modal Regression
***Yunlong Feng, Jun Fan, Johan A.K. Suykens***; (2):1–35, 2020.
[abs][pdf][bib]

A Model of Fake Data in Data-driven Analysis
***Xiaofan Li, Andrew B. Whinston***; (3):1–26, 2020.
[abs][pdf][bib]

Universal Latent Space Model Fitting for Large Networks with Edge Covariates
***Zhuang Ma, Zongming Ma, Hongsong Yuan***; (4):1–67, 2020.
[abs][pdf][bib]

Lower Bounds for Parallel and Randomized Convex Optimization
***Jelena Diakonikolas, Cristóbal Guzmán***; (5):1–31, 2020.
[abs][pdf][bib]

Path-Based Spectral Clustering: Guarantees, Robustness to Outliers, and Fast Algorithms
***Anna Little, Mauro Maggioni, James M. Murphy***; (6):1–66, 2020.
[abs][pdf][bib] [code]

Target Propagation in Recurrent Neural Networks
***Nikolay Manchev, Michael Spratling***; (7):1–33, 2020.
[abs][pdf][bib] [code]

Jednak istnieją artykuły, które mają odnośnik [code]. Najczęściej odsyła on do repozytorium autora (np. GitHub). Reprodukowalność takiego artykułu zależy wtedy od autora i w jaki sposób tworzył swój kod. Odnośniki zaczęły się pojawiać od 2011 (magazyn zaczną swoją działalność w 2001). Z upływem lat jest coraz więcej artykułów z odnośnikami z kodem, lecz te nadal stanowią mniejszość. Administratorzy stworzyli specjalną zakładkę z artykułami posiadającymi odnośnik z kodem, zapewne w celu popularyzacji takich odnośników.

# The R Journal

Bibliography of articles (all issues, .bib)

- 2019. Issue 2, December
- 2019. Issue 1, June
- 2018. Issue 2, Dec.
- 2018. Issue 1, Jul
- 2017. Issue 2, Dec.
- 2017. Issue 1, June
- 2016. Issue 2, Dec.
- 2016. Issue 1, Aug.
- 2015. Issue 2, Dec.
- 2015. Issue 1, June
- 2014. Issue 2, Dec.
- 2014. Issue 1, June
- 2013. Issue 2, Dec.
- 2013. Issue 1, June

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ISSN: 2073-4859

1. Dostęp do artykułów
2. Opis strony artykułu

## The R Journal: article published in 2019, volume 11:2

BondValuation: An R Package for Fixed Coupon Bond Analysis

Wadim Djatschenko , *The R Journal* (2019) 11:2, pages 124-141.

Abstract The purpose of this paper is to introduce the R package BondValuation for the analysis of large datasets of fixed coupon bonds. The conceptual heterogeneity of fixed coupon bonds traded in the global markets imposes a high degree of complexity on their comparative analysis. Contrary to baseline fixed income theory, in practice, most bonds feature coupon period irregularities. In addition, there are a multitude of day count methods that determine the interest accrual, the cash flows and the discount factors used in bond valuation. Several R packages, e.g., fBonds, RQuantLib, and YieldCurve, provide tools for fixed income analysis. Nevertheless, none of them is capable of evaluating bonds featuring irregular first and/or final coupon periods, and neither provides adequate coverage of day count conventions currently used in the global bond markets. The R package BondValuation closes this gap using the generalized valuation methodology presented in Djatschenko (2019).

Received: 2018-12-01; online 2020-01-06, supplementary material, (3.3 Kb)
CRAN packages: BondValuation, fBonds, RQuantLib, YieldCurve
CRAN Task Views implied by cited CRAN packages: Finance



```
@article{RJ-2019-055,
  author = {Wadim Djatschenko},
  title = {{BondValuation: An R Package for Fixed Coupon Bond Analysis}},
  year = {2019},
  journal = {{The R Journal}},
  doi = {10.32614/RJ-2019-055},
  url = {https://doi.org/10.32614/RJ-2019-055},
  pages = {124--141},
  volume = {11},
  number = {2}
}
```



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## Volume 11/2, December 2019

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Access the article landing page through its title or go straight to the article through the PDF icon:

### Table of contents

**BondValuation: Fixed Coupon Bond Valuation Allowing for Odd Coupon Periods and Various Day Count Conventions**

Analysis of large datasets of fixed coupon bonds, allowing for irregular first and last coupon periods and various day count conventions. With this package you can compute the yield to maturity, the modified and MacAulay durations and the convexity of fixed-rate bonds. It provides the function AnnivDates, which can be used to evaluate the quality of the data and return time-invariant properties and temporal structure of a bond.

| | |
|---|---|
| Version: | 0.1.0 |
| Depends: | R (≥ 2.15.1) |
| Imports: | Rcpp, timeDate |
| LinkingTo: | Rcpp |
| Published: | 2018-11-14 |
| Author: | Djatschenko Wadim [aut, cre] |
| Maintainer: | Djatschenko Wadim <wadim.djatschenko at gmx.de> |
| License: | GPL-3 |
| NeedsCompilation: | yes |
| Materials: | NEWS |
| CRAN checks: | BondValuation results |

**Downloads:**

| | |
|---|---|
| Reference manual: | BondValuation.pdf |
| Package source: | BondValuation_0.1.0.tar.gz |
| Windows binaries: | r-devel: BondValuation_0.1.0.zip, r-release: BondValuation_0.1.0.zip, r-oldrel: BondValuation_0.1.0.zip |
| macOS binaries: | r-release: BondValuation_0.1.0.tgz, r-oldrel: BondValuation_0.1.0.tgz |

**Reverse dependencies:**

Reverse suggests: ragtop

**Linking:**

Please use the canonical form https://CRAN.R-project.org/package=BondValuation to link to this page.

3. Supplementary material
4. Paczki z CRAN i ich aktualna dostępność
5. Porównanie na przestrzeni lat

# Object not found!

The requested URL was not found on this server. The link on the referring page seems to be wrong or outdated. Please inform the author of that page about the error.

If you think this is a server error, please contact the webmaster.

## Error 404

*cran.r-project.org*
*Apache*

Package ‘RQGIS’ was removed from the CRAN repository.

Formerly available versions can be obtained from the archive.

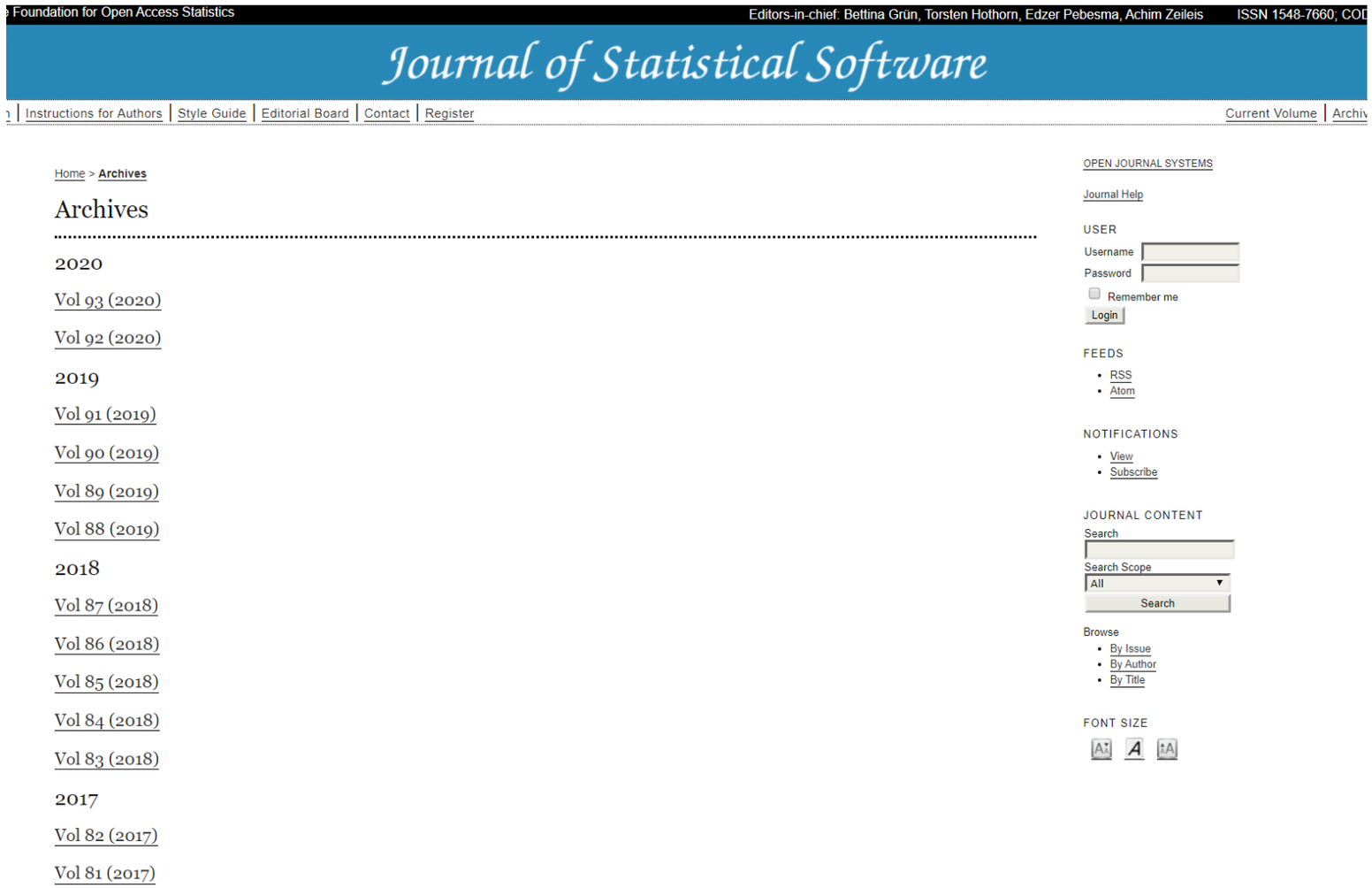
Archived on 2020-04-19 at the request of the maintainer.

Please use the canonical form https://CRAN.R-project.org/package=RQGIS to link to this page.

# Journal of Statistical Software

## Cechy ogólne w latach *2010-2020*

- Opisywany pakiet załączony do pobrania bezpośrednio ze strony magazynu
- Kod do replikacji dostępny do pobrania
- Gdy wymagane dodatkowe pliki (np. JPG, CSV) dostępne do pobrania



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ISSN 1548-7660; CODEN JSSOBK

# Journal of Statistical Software



Authors: Rainer Hirk, Kurt Hornik, Laura Vana

Title: **mvord: An R Package for Fitting Multivariate Ordinal Regression Models**

Abstract: The R package mvord implements composite likelihood estimation in the class of multivariate ordinal regression models with a multivariate probit and a multivariate logit link. A flexible modeling framework for multiple ordinal measurements on the same subject is set up, which takes into consideration the dependence among the multiple observations by employing different error structures. Heterogeneity in the error structure across the subjects can be accounted for by the package, which allows for covariate dependent error structures. In addition, different regression coefficients and threshold parameters for each response are supported. If a reduction of the parameter space is desired, constraints on the threshold as well as on the regression coefficients can be specified by the user. The proposed multivariate framework is illustrated by means of a credit risk application.

**Page views:**: 825. **Submitted:** 2017-10-18. **Published:** 2020-04-18.

Paper: mvord: An R Package for Fitting Multivariate Ordinal Regression Models Download PDF (Downloads: 261)

Supplements:
- mvord_1.0.0.tar.gz: R source package Download (Downloads: 19; 3MB)
- v93i04.R: R replication code Download (Downloads: 38; 8KB)

DOI: 10.18637/jss.v093.i04

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Journal of Statistical Software



Authors: Oleg Sofrygin, Mark J. van der Laan, Romain Neugebauer

Title: **simcausal R Package: Conducting Transparent and Reproducible Simulation Studies of Causal Effect Estimation with Complex Longitudinal Data**

Abstract:

The \pkg{simcausal} \proglang{R} package is a tool for specification and simulation of complex longitudinal data structures that are based on structural equation models. The package aims to provide a flexible tool for simplifying the conduct of transparent and reproducible simulation studies, with a particular emphasis on the types of data and interventions frequently encountered in real-world causal inference problems, such as, observational data with time-dependent confounding, selection bias, and random monitoring processes. The package interface allows for concise expression of complex functional dependencies between a large number of nodes, where each node may represent a measurement at a specific time point. The package allows for specification and simulation of counterfactual data under various user-specified interventions (e.g., static, dynamic, deterministic, or stochastic). In particular, the interventions may represent exposures to treatment regimens, the occurrence or non-occurrence of right-censoring events, or of clinical monitoring events. Finally, the package enables the computation of a selected set of user-specified features of the distribution of the counterfactual data that represent common causal quantities of interest, such as, treatment-specific means, the average treatment effects and coefficients from working marginal structural models. The applicability of \pkg{simcausal} is demonstrated by replicating the results of two published simulation studies.

**Page views:**: 131. **Submitted:** 2015-09-26. **Published:** 2018-10-16.

Paper: simcausal R Package: Conducting Transparent and Reproducible Simulation Studies of Causal Effect Estimation with Complex Longitudinal Data (Downloads: 0)

Supplements:

| | |
|---|---|
| simcausal_0.4.0.tar.gz: Latest CRAN version source code for the simcausal R package | Download (Downloads: 22; 933KB) |
| sofrygin_simcausalRpackage_source.zip: Replication materials for the results in the paper | Download (Downloads: 25; 52KB) |
| Replication_Rcode_Sections_3_4_5.R: Replication code | Download (Downloads: 34; 37KB) |
| TXT.txt: response to initial comments | Download (Downloads: 27; 3KB) |
| JSS 2360_prescreened.zip: simcausal R Package: Conducting Transparent and Reproducible Simulation Studies of Causal Effect Estimation with Complex Longitudinal Data | Download (Downloads: 32; 1MB) |





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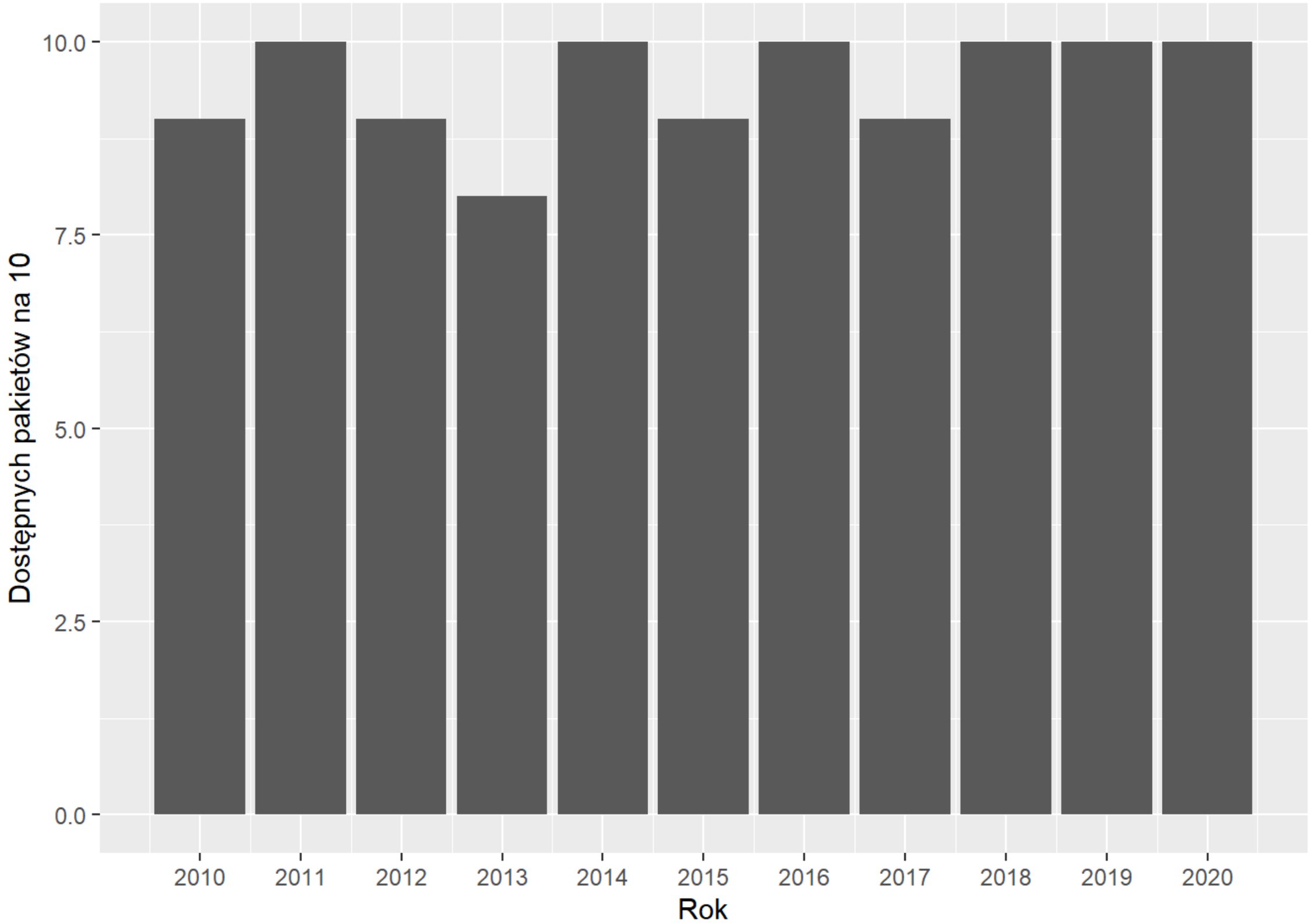
Research Scientist II

# Dostępność pakietów na CRAN-nie



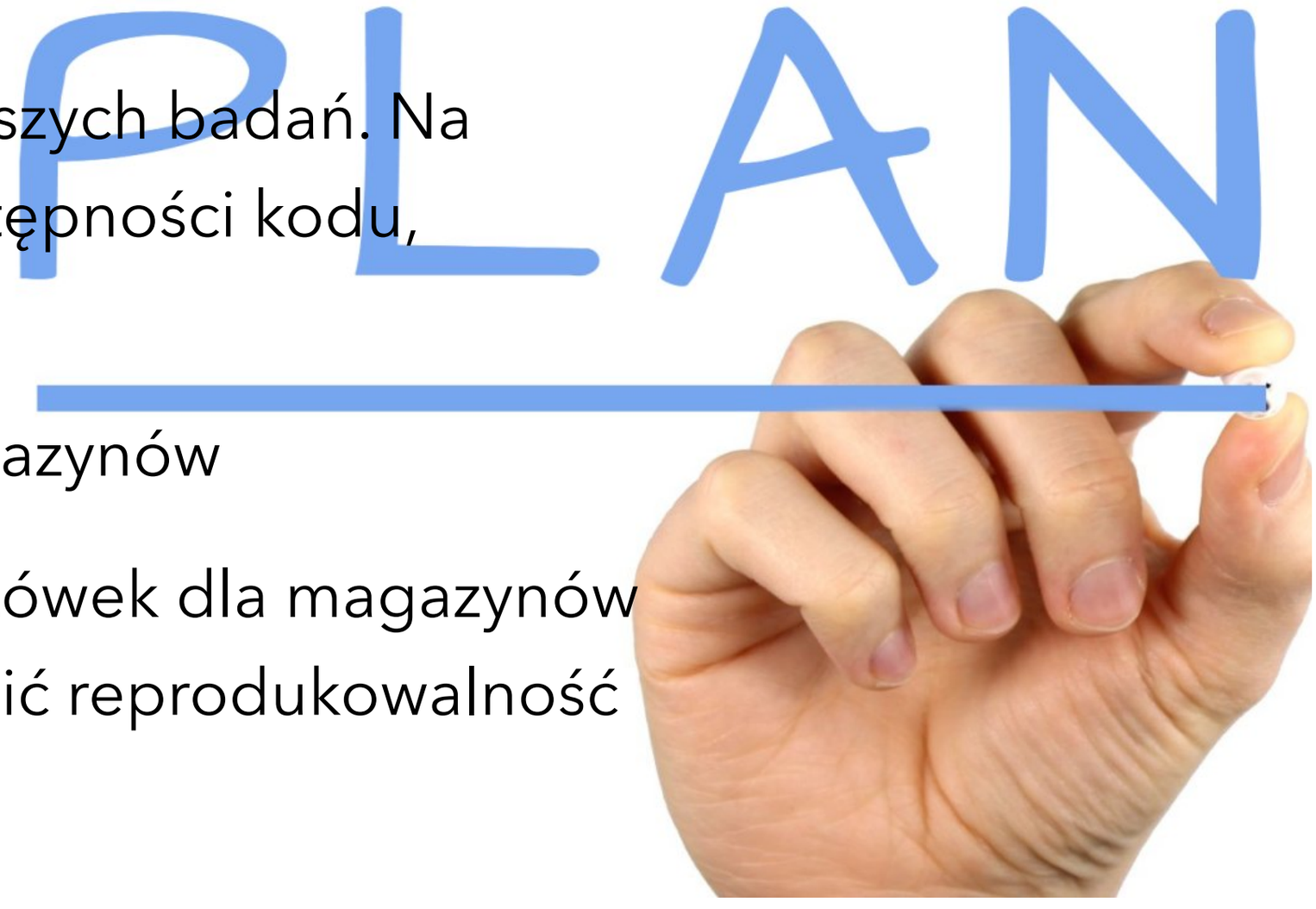
# Zakończenie

## Plany na przyszłość

Więcej wizualizacji naszych badań. Na przykład wykresy dostępności kodu, paczek…

Ocena kolejnych magazynów

Stworzenie listy wskazówek dla magazynów w jaki sposób zapewnić reprodukowalność artykułów.




https://picpedia.org/handwriting/p/plan.html