

# Data Editor's Report 2022

Koren, Miklós

2022-09-07

This report covers the period between September 1, 2021 and August 31, 2022. In this period, 87 replication packages have been submitted, and 78 packages have been accepted. There is no final decision yet on 36 packages, 8 are at the editorial team, 28 are with authors.

We now have two complete years of data under the new Data Availability Policy. This makes it possible to make comparisons and identify changes.

## Turnaround times

The vast majority of packages are accepted only after revisions; only six packages were accepted as submitted. Most packages are accepted on first revision. The Figure plots the number of packages by revisions at the time acceptance. Around 58 percent of packages are accepted after at most one revision (up from 52 percent last year).

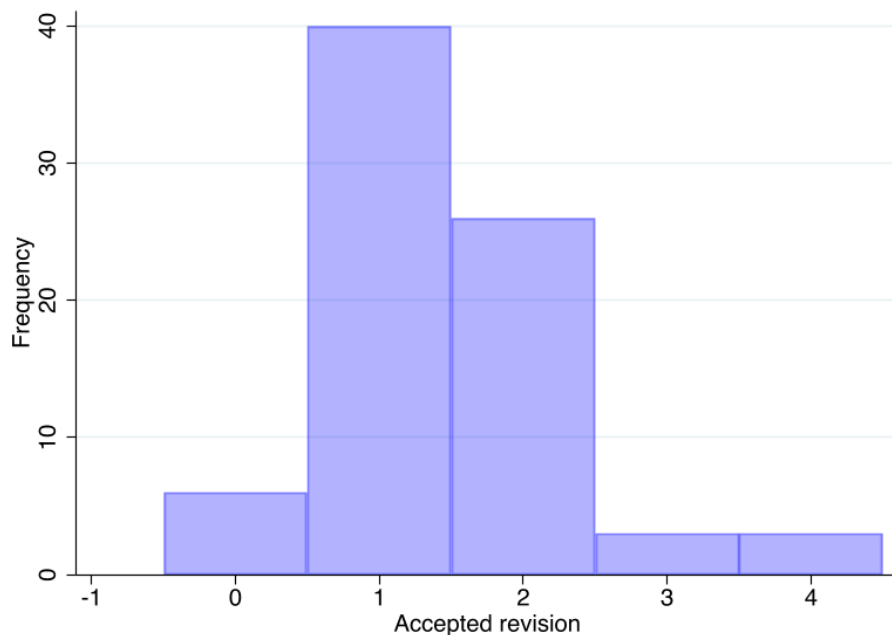


Figure 1: Number of revisions at time of acceptance

The average package accepted this year received their first response from the Data Editor in 15 days (up from 12 days last year). This statistic excludes papers where the Data Availability Policy does not apply. For revisions, the mean response time is 6 days, with the majority of packages decided in much shorter time (see Figure).

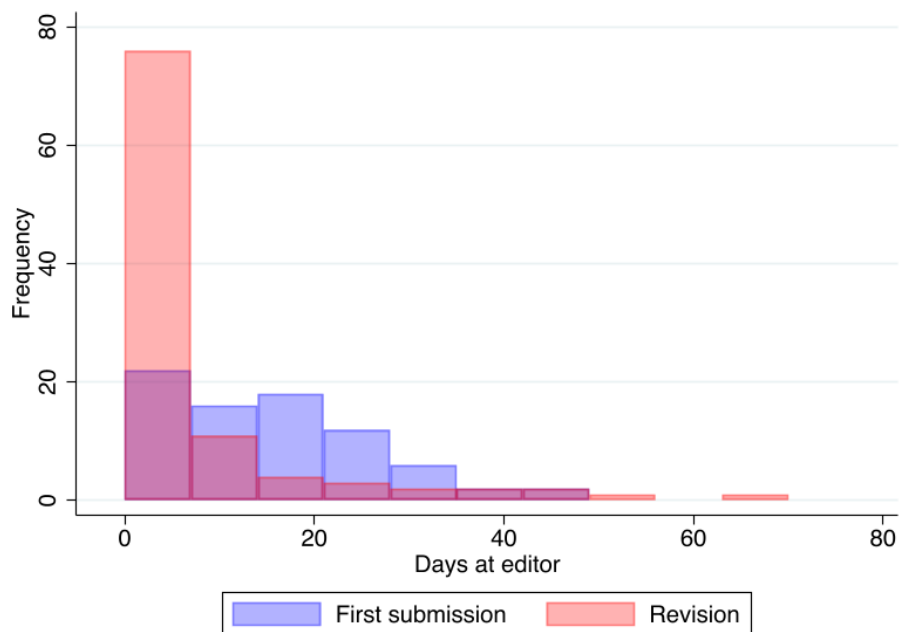


Figure 2: Time at editorial team for accepted packages

The average time authors spend with a revision is 25 days.

## Impact

The median replication package is downloaded from Zenodo 2 times a month. This includes views and downloads by author and editorial team. As the figure shows, there is substantial heterogeneity across packages in their download statistics, but all packages have some visibility.

Download statistics are highly correlated over time. Packages that were popular last year are often downloaded also this year (next Figure). This suggests that the download statistics capture genuine interest and not only drive by early downloads by authors and the editorial team.

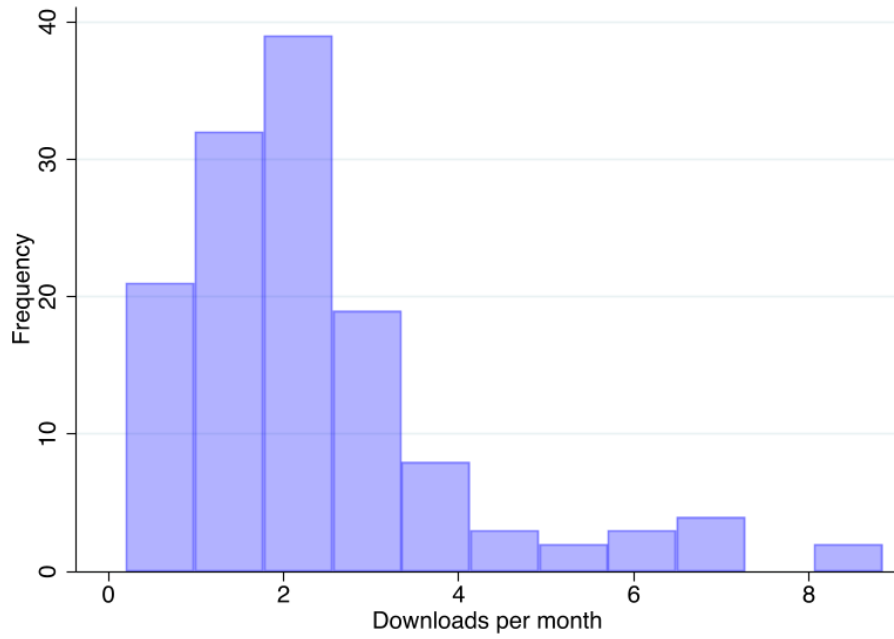


Figure 3: Unique downloads of packages from Zenodo

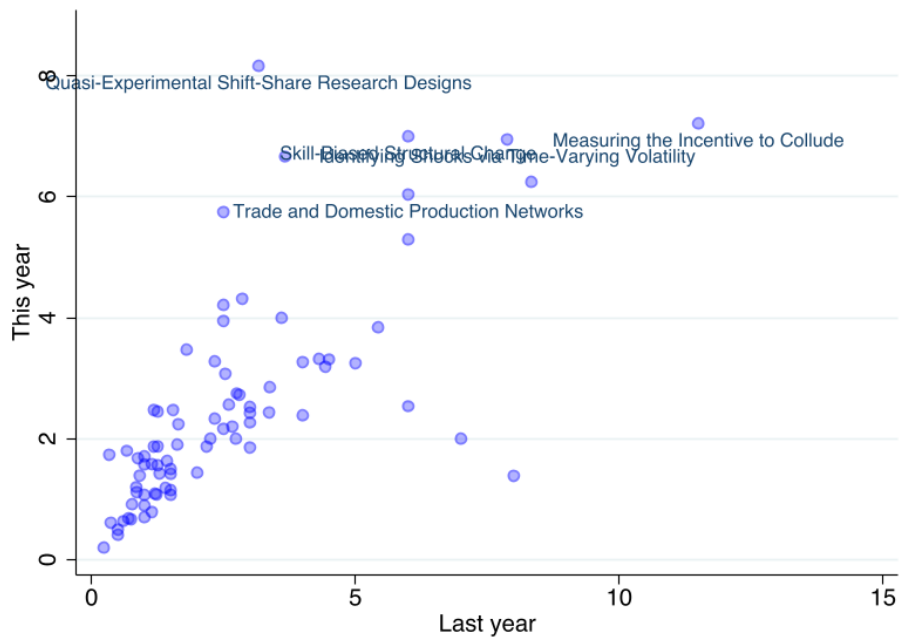


Figure 4: Downloads are highly correlated over time