

# Opening Official Statistics with the **pxweb** Package

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**Abstract** Abstract **pxweb** R package here.

- Motivation here. Why do we need this package? We want to use the open data pipeline, access, use and cite.
- More and more data is available from National Statistical Agencies (see commented out text below).
- We need tools to access the data that is simple and efficient to use (see commented out text below).
- Citing data is a problem in itself, but important. It should be simplified as much as possible.

## PXWEB and PC-Axis

- The PXWEB and PC-Axis tool chains. Background. (see commented out text below)
- What is PXWEB and PC-Axis, where does this come from. Who uses this etc.
- Are there limitations in query sizes etc? Is this applicable (borrowed from eurostat manuscript): "The data sets are stored in cache by default to avoid repeated downloads of identical data and to speed up the analysis. Storing an exact copy of the retrieved raw data on the hard disk will also support reproducibility when the source database is constantly updated."

## Our contribution: the **pxweb** package

- History fo the package
- Design principles
- (See comment out text below)
- Extendibility of the package with new APIS
- Can be used in other packages as the workhorse for accessing API data (See Oyvinds project).

## Usage

- Short version of the vignette.
- A nice figure and table should be the result.

## Citing data using pxweb

## Using it for another API, not in the catalogue

## Discussion

## Acknowledgments

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<sup>1</sup><https://github.com/ropengov-io>

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