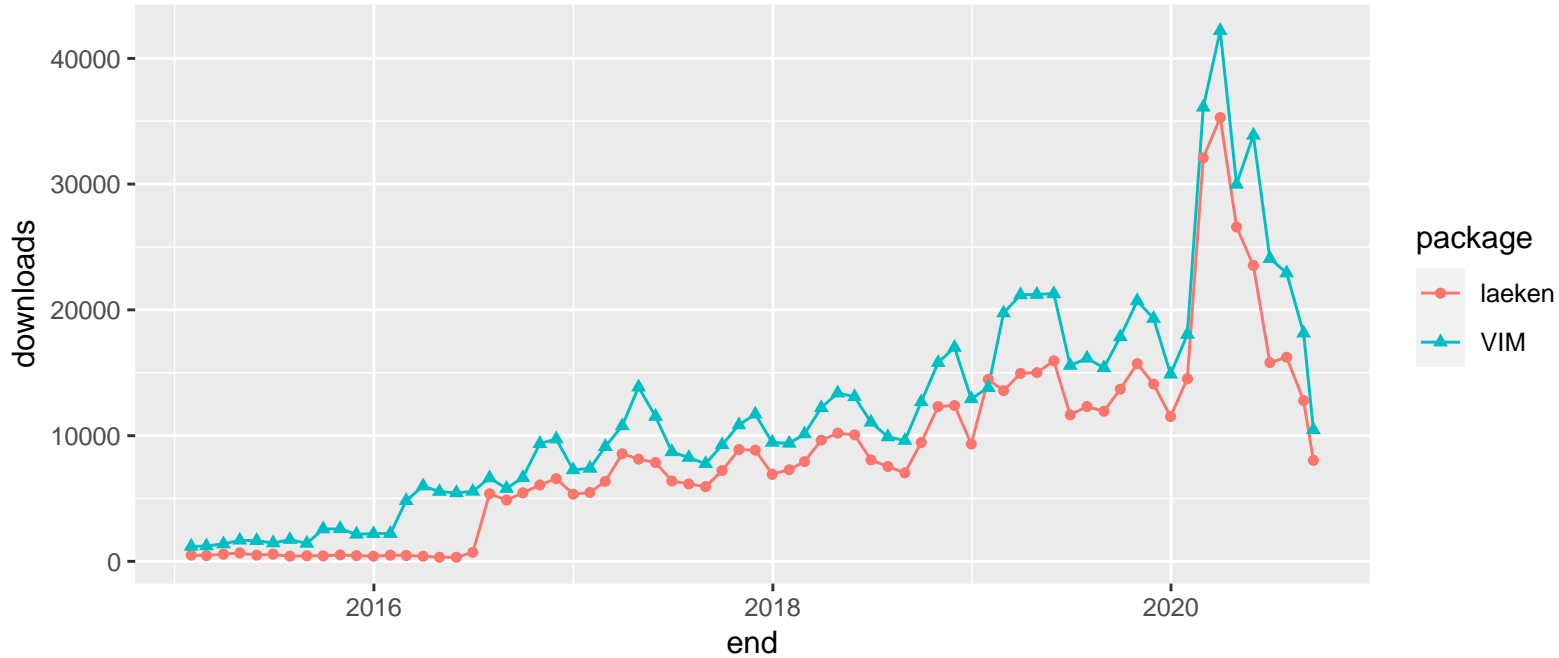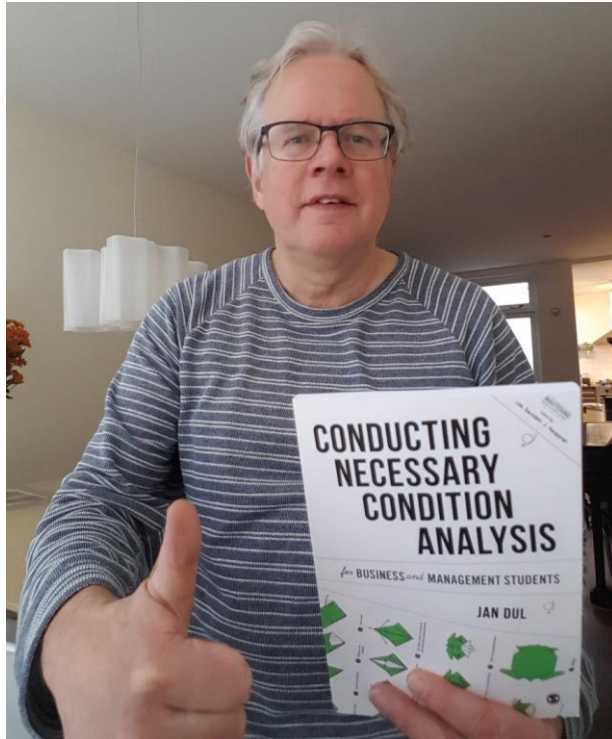# Andreas Alfons: Sharing code

- Expert on robust statistics
  - How to develop statistical methods for data drawn from non-normal distribution parameters?

- His methodological work on these problems is available to everyone in the form of R packages
  - Monthly downloads of his two most popular packages count in the tens-of-thousands!

Reach and impact of Andreas' code sharing

Jan Dul: Sharing freeware for data analysis

- **Developer of Necessary Condition Analysis (NCA)**
  - Identifying critical antecedent factors that *must* be in place for outcomes to obtain

- **His self-developed software package for identifying necessary conditions in datasets is available in freeware**
  - NCA studies have by now been published in 50+ academic journals
  - NCA was recently heralded by AoM president Herman Aguinis as an important new method for IB in JIBS

Steffen Giessner: Sharing data for replication

- Steffen published an experiment in 2007 on how someone's position in a formal hierarchy affects perceptions of how powerful they are
  - A later study (co-authored by Steffen) could not replicate the experiment

- Steffen further explored the null-findings in a follow-up paper
  - Pre-registration and posting of all materials on OSF

Gabriele Paolacci: Sharing examplars

- Gabriele has long advocated open science, and leads by example:
  - Of the 111 most highly-cited articles in psychology and psychiatry (2006-2016), only 12 had readily available data. Two of these were Gabriele's
  - Already in 2012, he wrote for Wired that the time had come for research to 'open up'
  - Gabriele's much-cited work on 'open samples,' such as MTurk and Prolific, has been a life saver for behavioral researchers in 2020 and 2021