



Open educational resources

In-house experiences

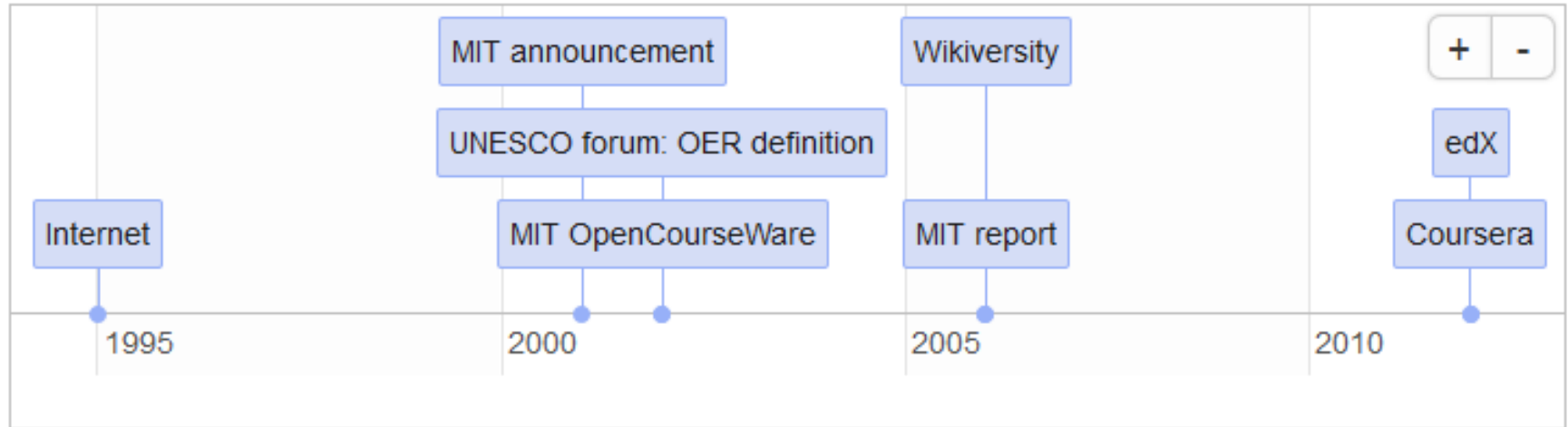
Assist. Prof. Nadica Miljković

Signals and Systems Department

University of Belgrade – School of Electrical Engineering ETF

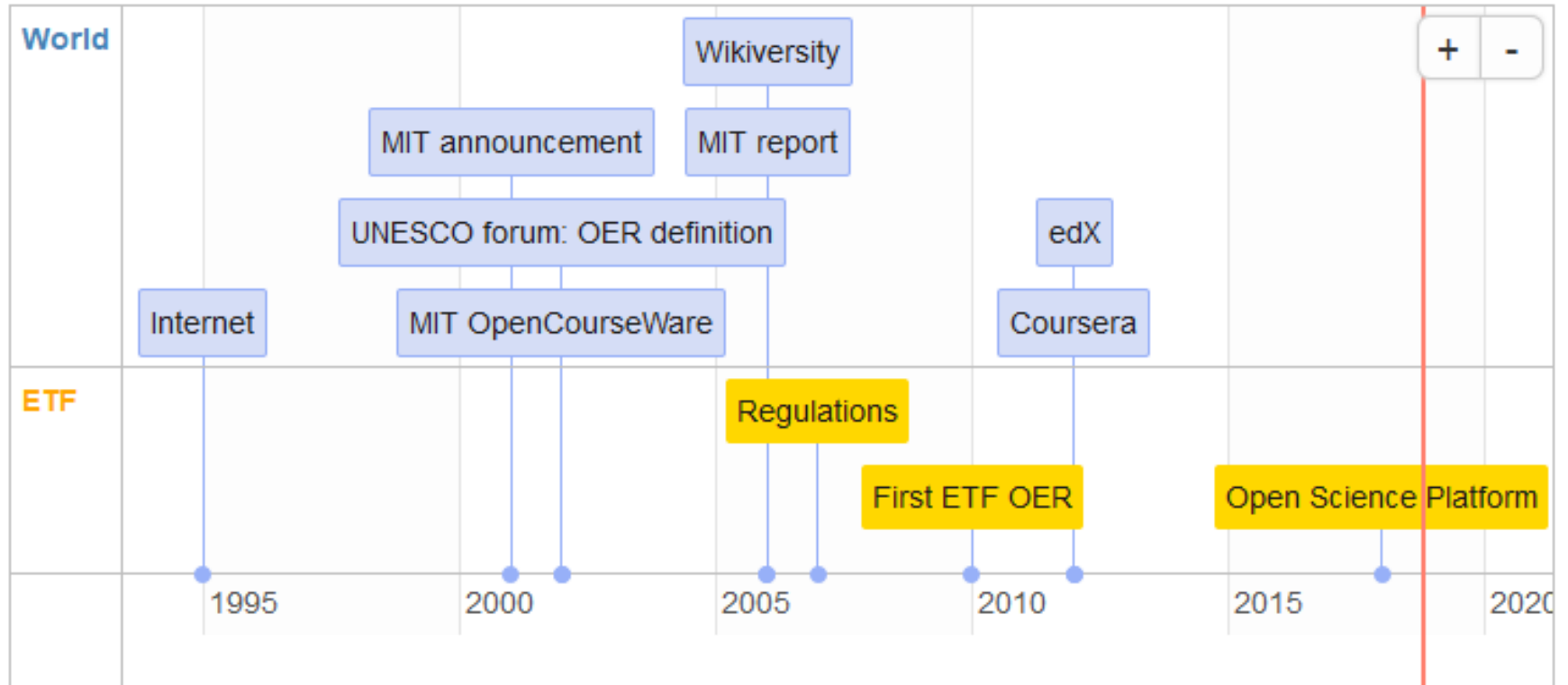
Sharing?

Timeline



- Timevis package in R by Dean Attali, 2016, <https://github.com/daattali/timevis>
- GitHub page of the PSSOH Conference, <https://github.com/pssoh>

Timeline + ETF



Elektrotehnički fakultet

Univerzitet u Beogradu

- FAKULTET
- STUDIRANJE**
- KATEDRE
- SLUŽBE
- UPIS
- OBAVEŠTENJA

Home / Studiranje / Elektronski udžbenici

Studiranje



- Osnovne akademske studije
- Master akademske studije
- Doktorske akademske studije
- Kalendar nastave "Elektrotehnika i računarstvo"

Elektronski udžbenici

Spisak elektronskih izdanja:

IZAZOV 2017: Zbornik zadataka i odabranih studentskih rešenja
(Nadica Miljković)
[Udžbenik \(4.7MB\)](#)

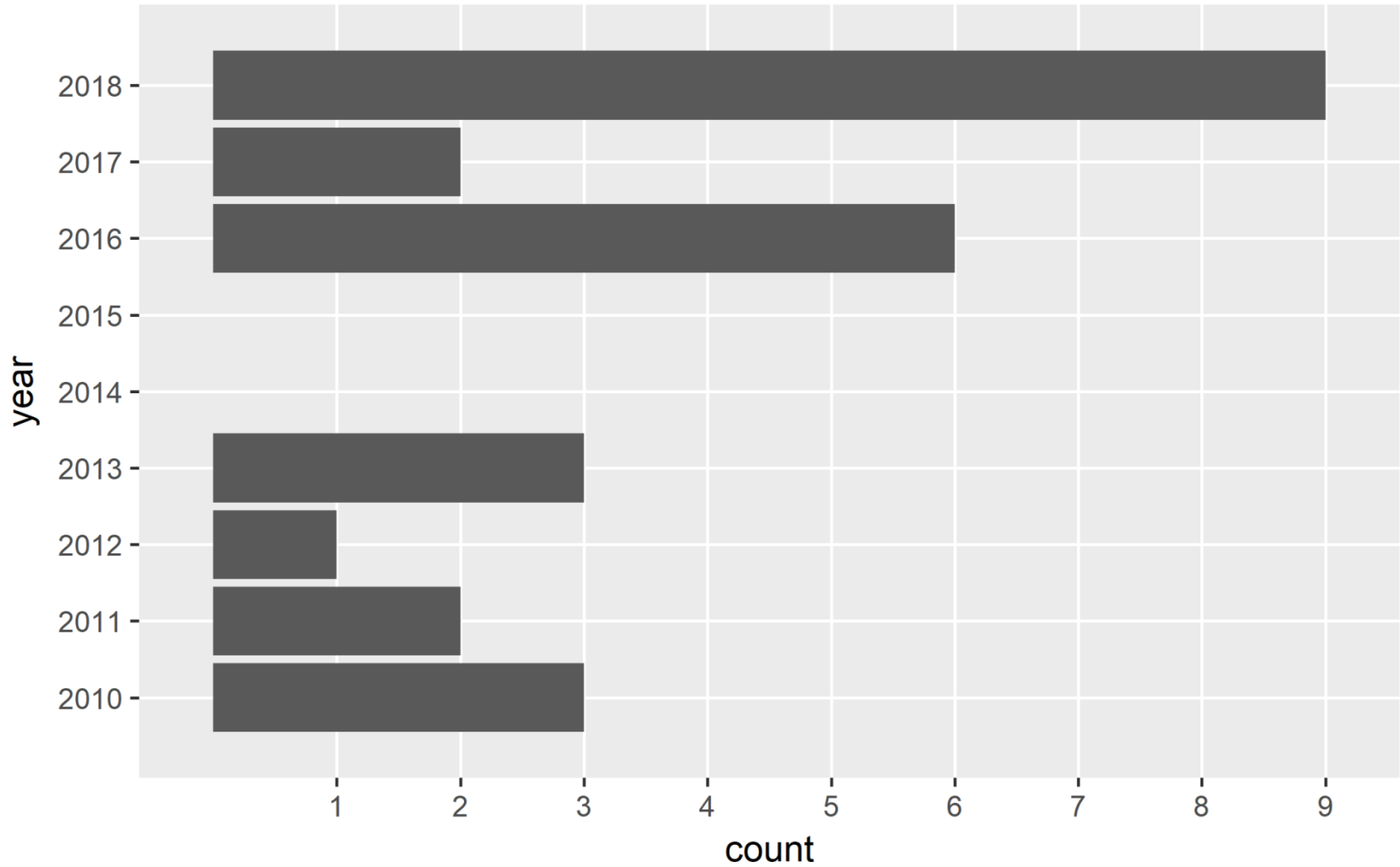
Računarske mreže 2

Topics

- Computer networks
- Electrical measurements
- Modeling and simulation
- Telecommunications
- Process identification
- Mathematics
- Electronic devices
- Control of radioactive pollution
- Microwave theory and techniques
- Physical electronics
- Electrical machines
- Programming
- Electroacoustic
- Digital circuits
- Electronics
- Telecommunication services
- Radio networks
- Russian language for electrical engineers
- ...

OER growth

Number of textbooks per year

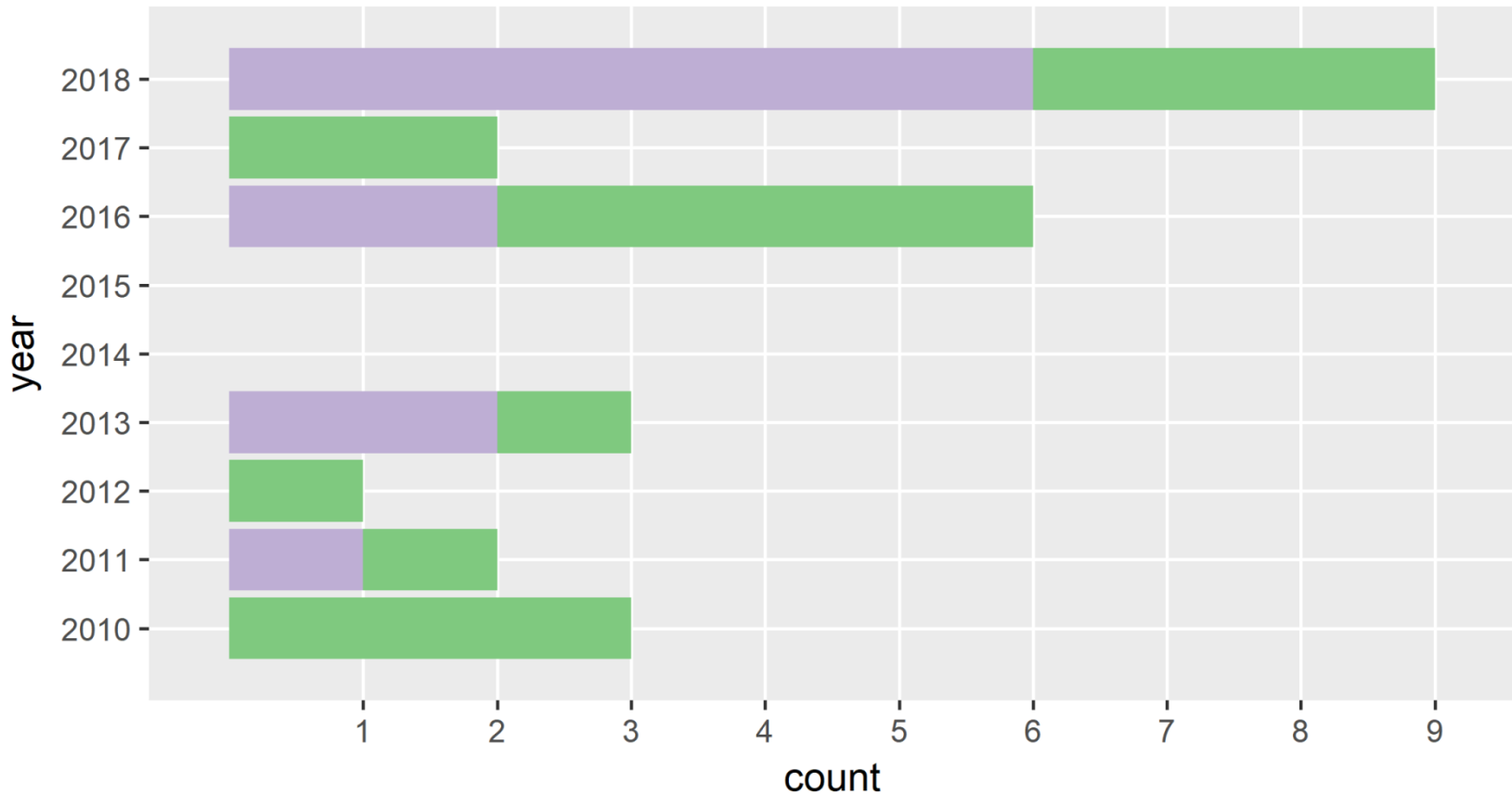


Application of free software

Number of textbooks per year

42.3% has FS application

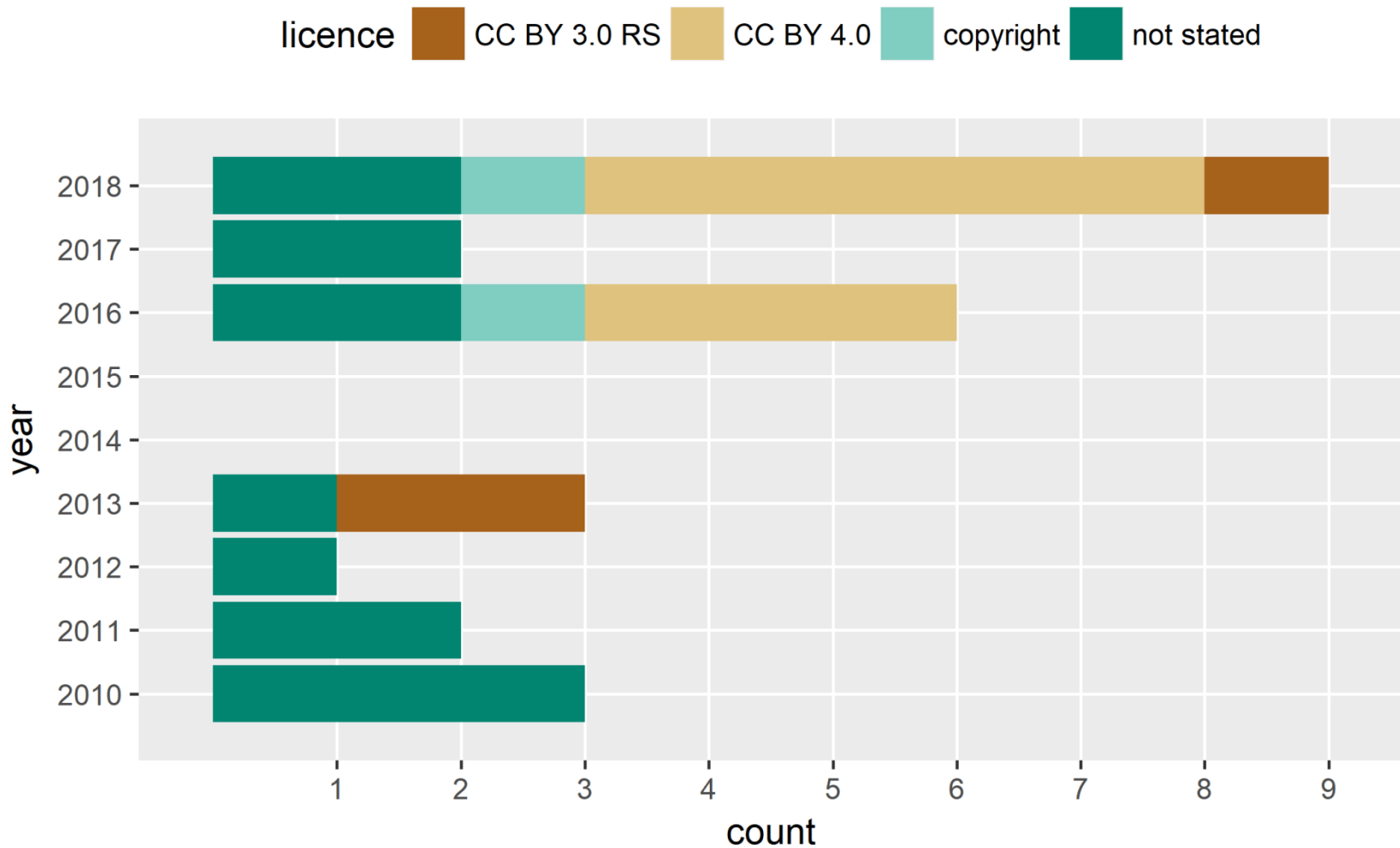
application of free software ■ no ■ YES



OER licensing

42.3% has CC licences

Number of textbooks per year

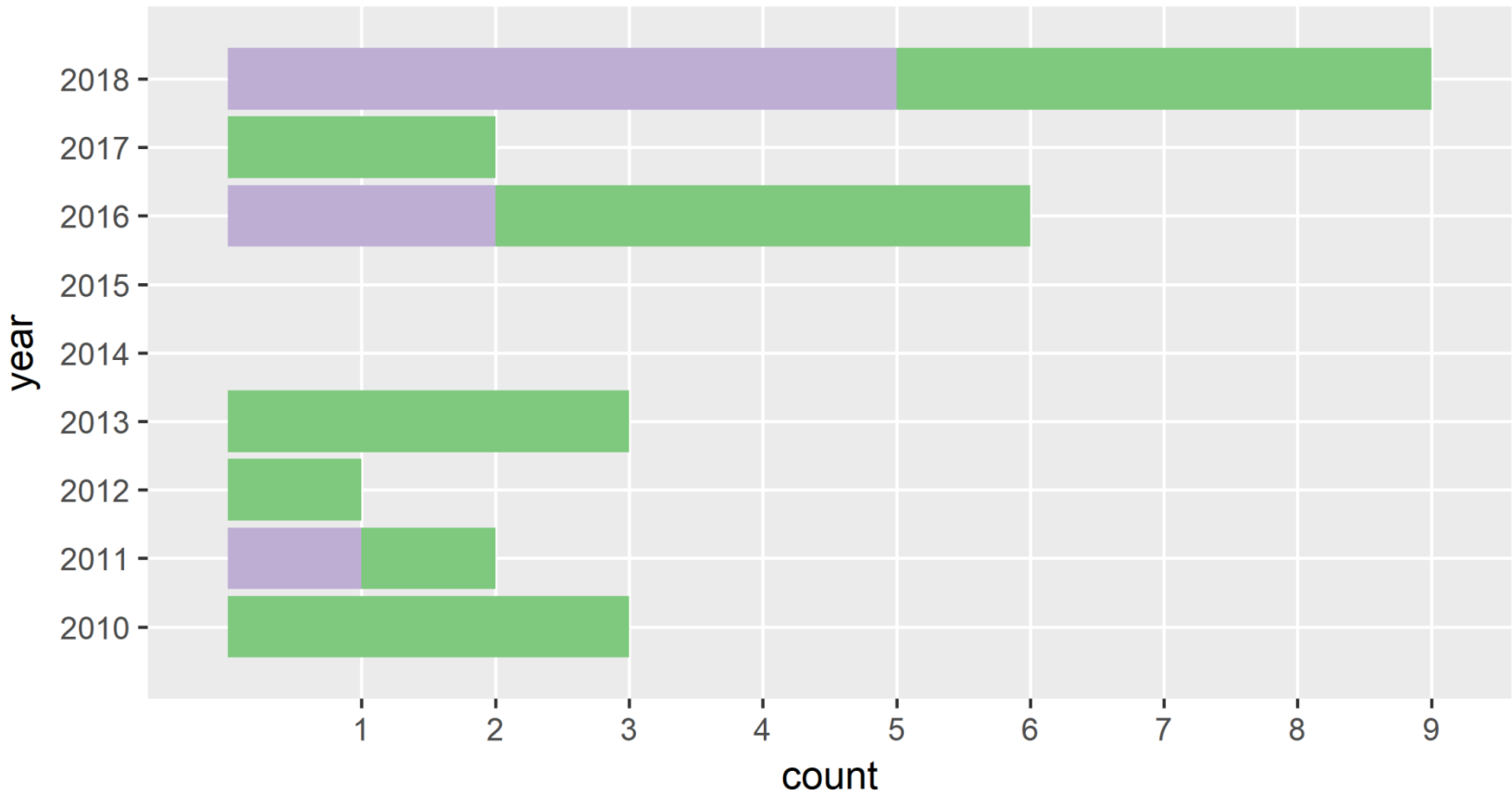


Hyperlinks

Number of textbooks per year

30.8% has hyperlinks

hyperlinks ■ no ■ YES

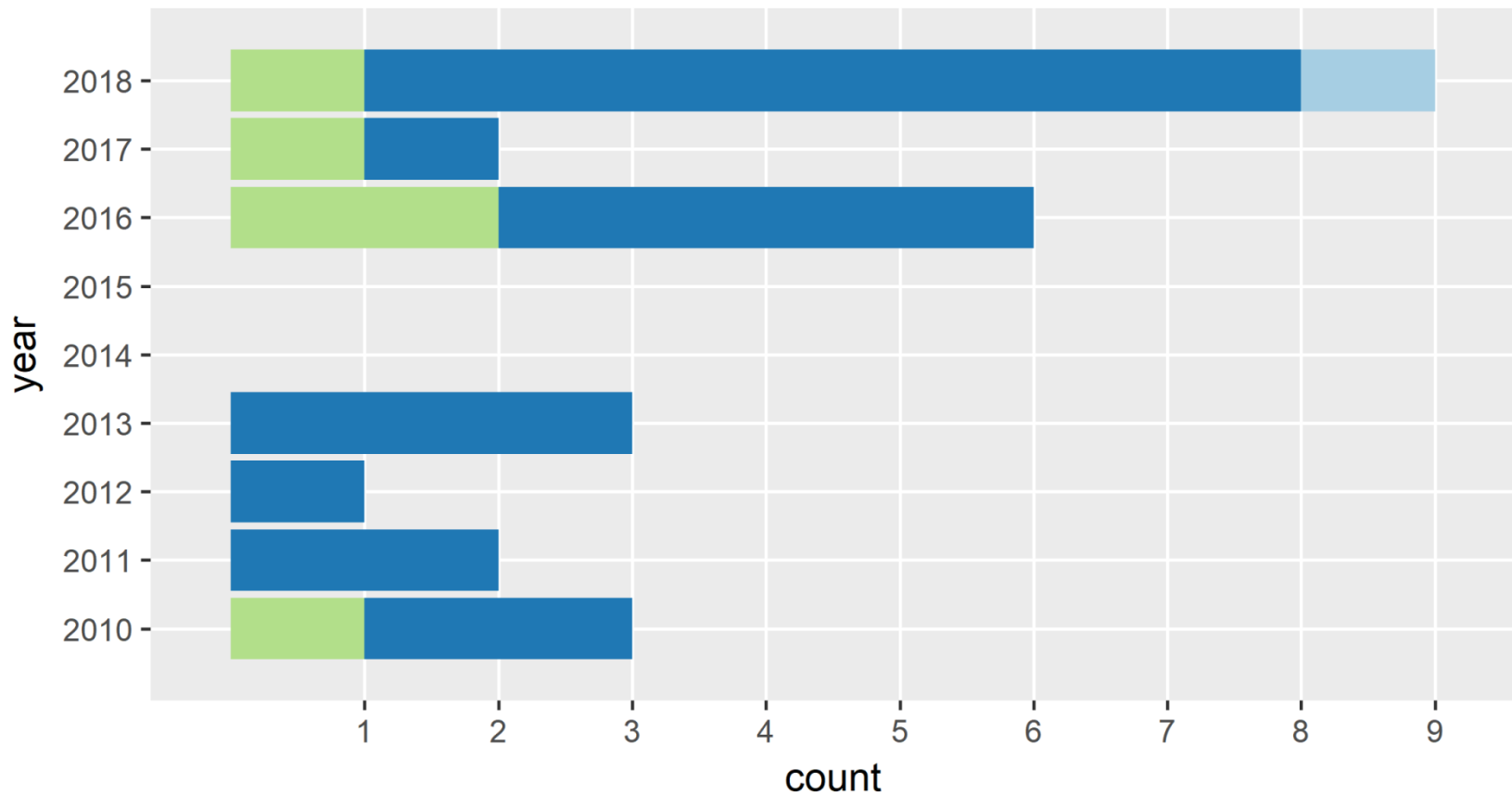


Publisher(s)

Number of textbooks per year

19.2% has two publishers

publisher(s) ■ author ■ ETF ■ ETF, AM



Recommendations

- OER stands for multimedia and interactivity
- Registering DOI (Digital Object Identifier) with version control
- Citing tool/instruction
- Repositories with defined metadata
- Metrics (downloads, views, ...)
- ...

“More open we are – the better education will be”

David A. Wiley, Talk at TEDxNYED. New York City, "Education is Sharing", March 2010.



PSSOH

Primena slobodnog softvera i otvorenog
hardvera





Dositej Obradović (1739-1811)

Fotografija: “Аутор: Goldfinger на српски / srpski Википедија - Пребачено са sr.wikipedia на Оставу од стране VokicaК помоћу CommonsHelper., Јавно власништво, <https://commons.wikimedia.org/w/index.php?curid=6100858>”

Acknowledgements

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- Res. Assoc. Ljiljana Lazarević and Assist. Prof. Iris Žeželj for advices and fruitful discussions related to open science and open resources.



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