



národní
úložiště
šedé
literatury

Postoje akademických pracovníků Univerzity Karlovy ke sdílení výzkumných dat

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2017

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Attitudes of Charles University academic staff to data sharing

ÚSTAV INFORMAČNÍCH
STUDIÍ A KNIHOVNICTVÍ



FILOZOFICKÁ FAKULTA
UNIVERZITY KARLOVY
V PRAZE

Data literacy and research data management survey

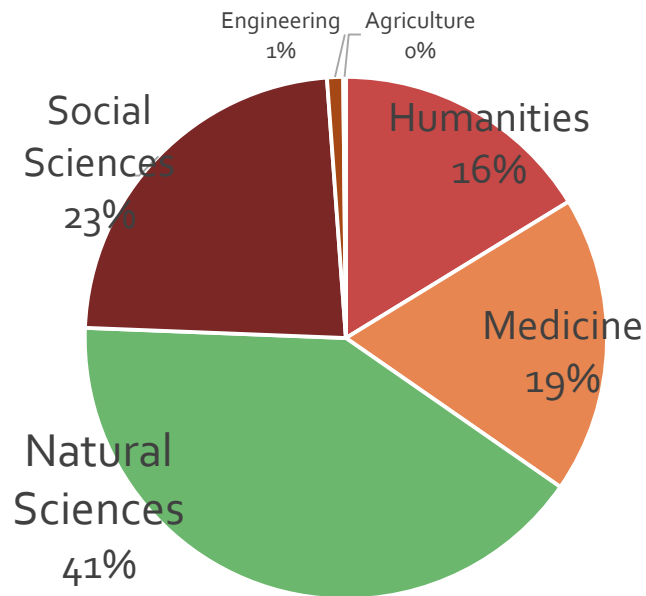
- Multinational comparative study
- More than 30 countries (September 2017)
- Data = any information stored not only in digital form, including text, numbers, pictures, videos or films, audio, SW, algorithms, equations, animations, models, simulations etc.

Questionnaire

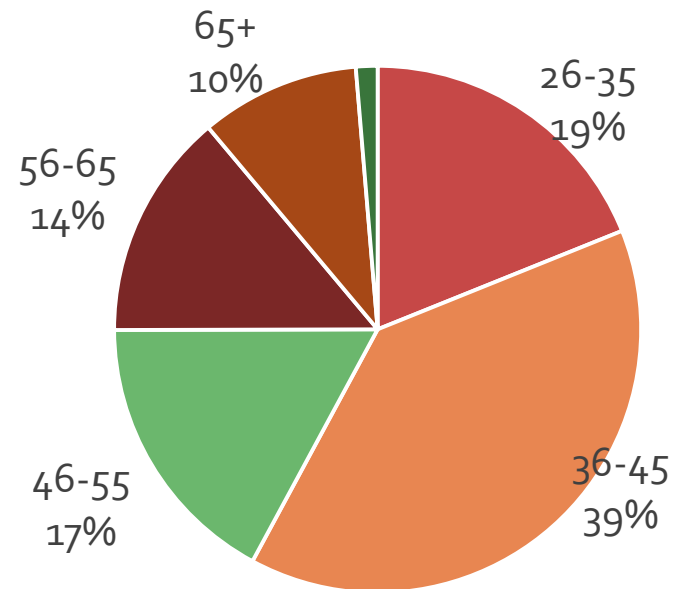
- Czech version accessible online, sent by email to all CUNI academics and PhD students (>10 000)
- Data creation and usage – types of data, volume of data, ways of data archiving
- Attitudes to data sharing and data sharing practices
- Data management awareness (metadata, identifiers etc.)
- Research data management training

Results

- 2381 responses, 1434 complete
- Academic staff – 603, PhD students – 831



Respondents' subject

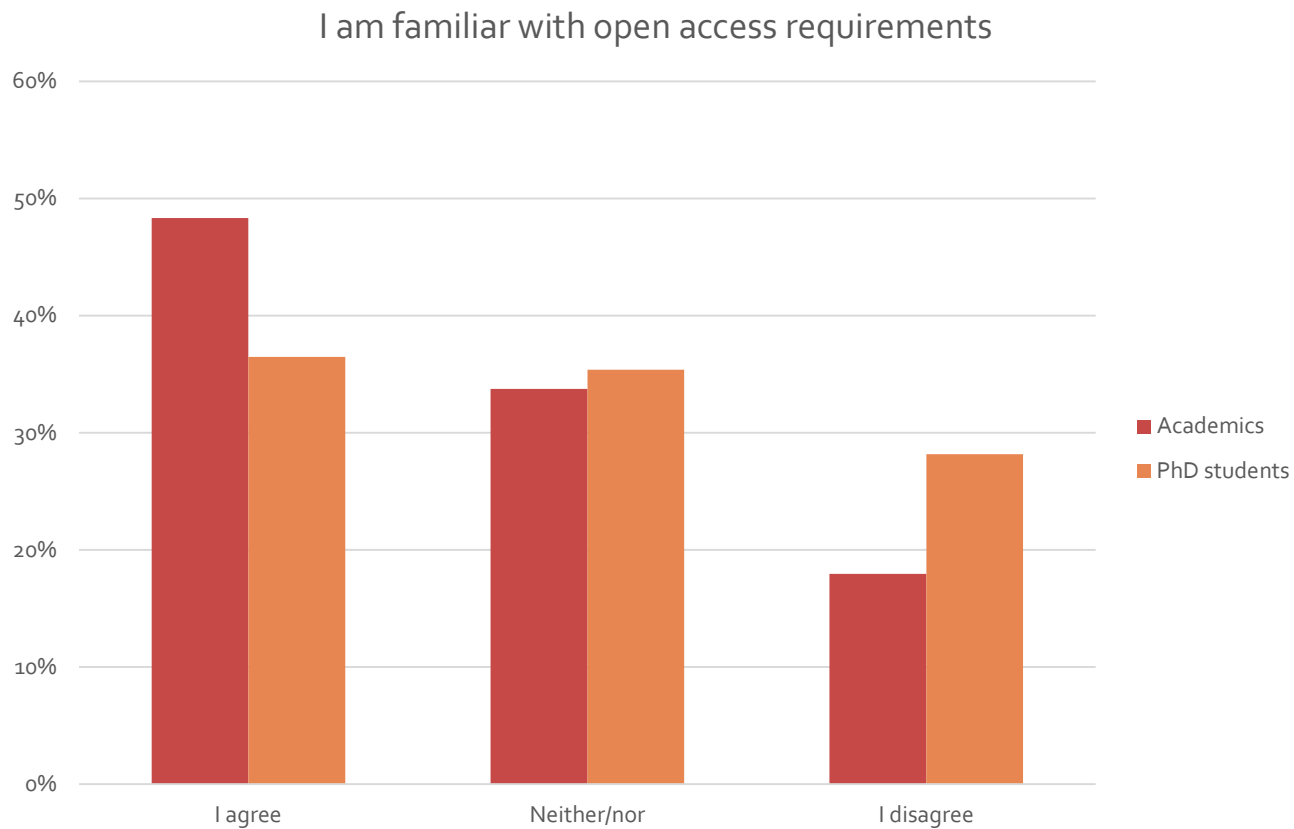


Respondents' age

Selected questions

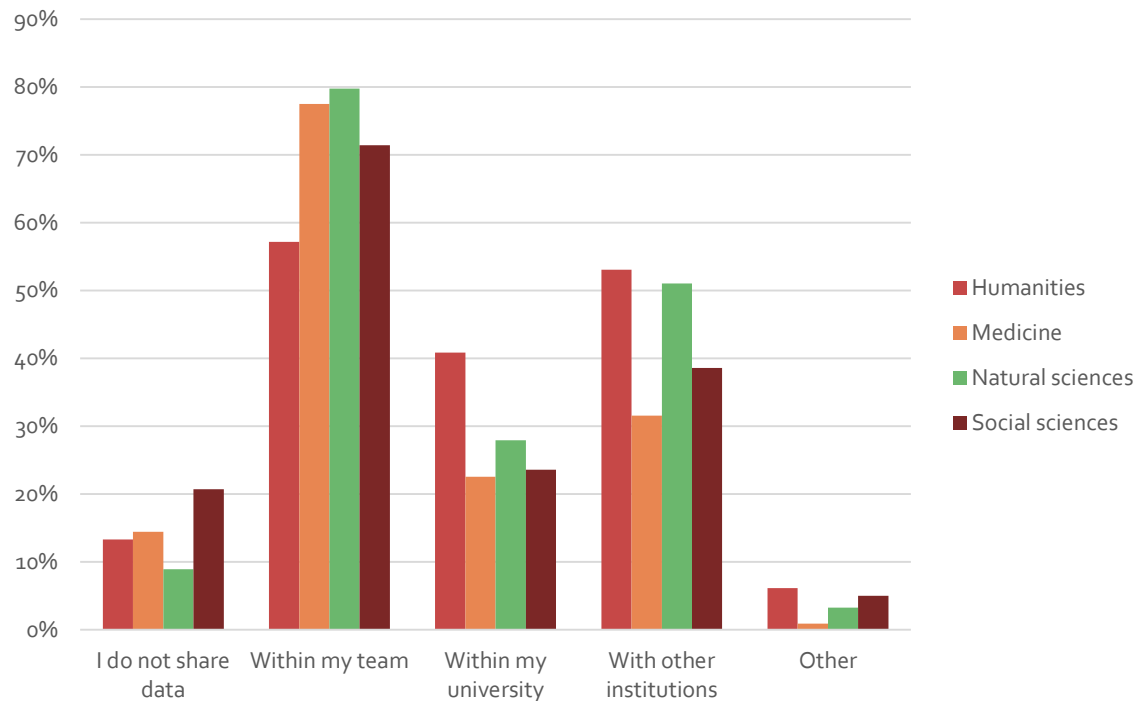
- Open access requirements awareness
- Attitudes to data sharing
- Data sharing practices
- Concerns connected with data sharing

OA requirements awareness



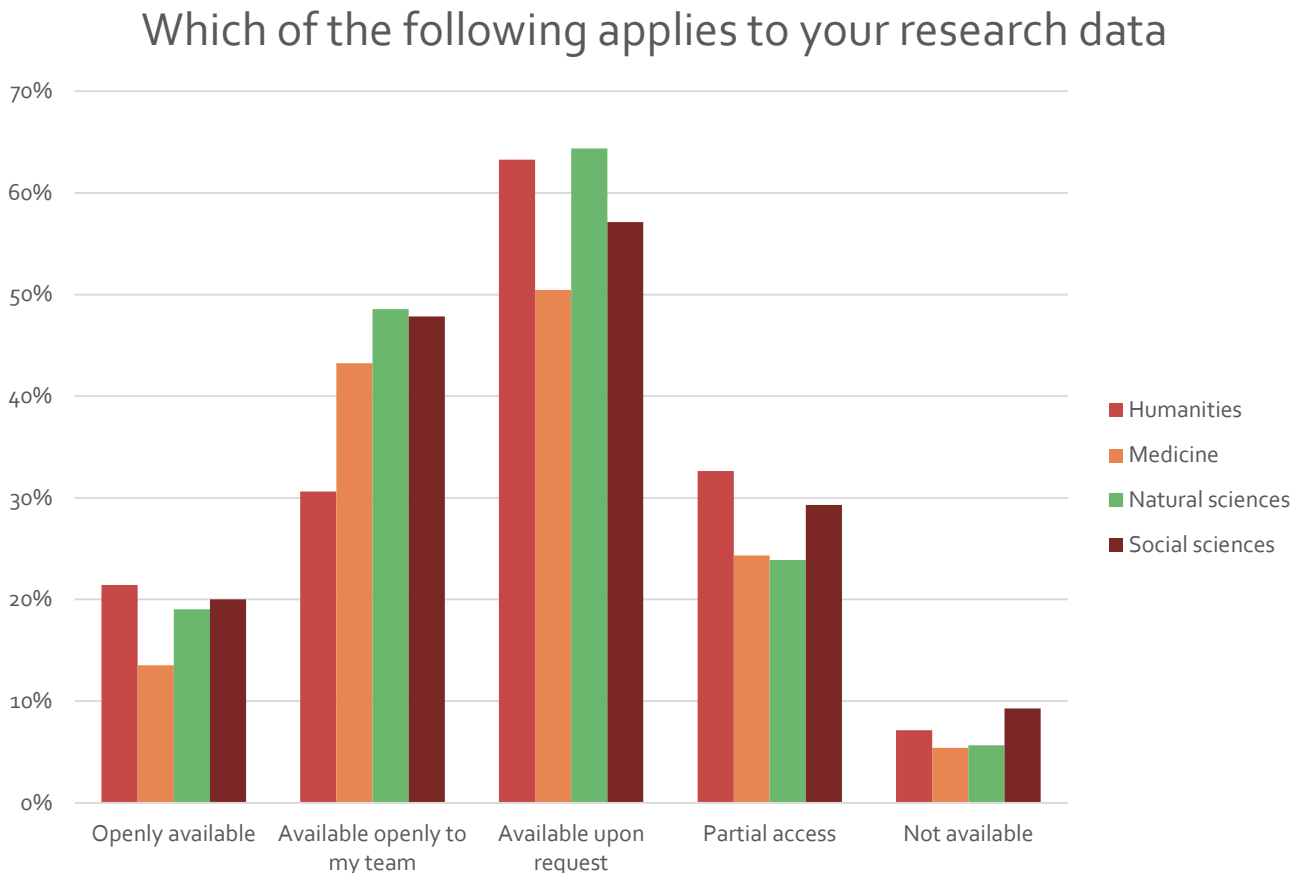
Data sharing practices

Do you collaborate with other researchers and share data?



- 13% do not share data
- Academics share more often than PhD students ($p < 0,001$)
- Interdisciplinary differences ($p = 0,012$)
- Younger share more often than older academics ($p = 0,03$)

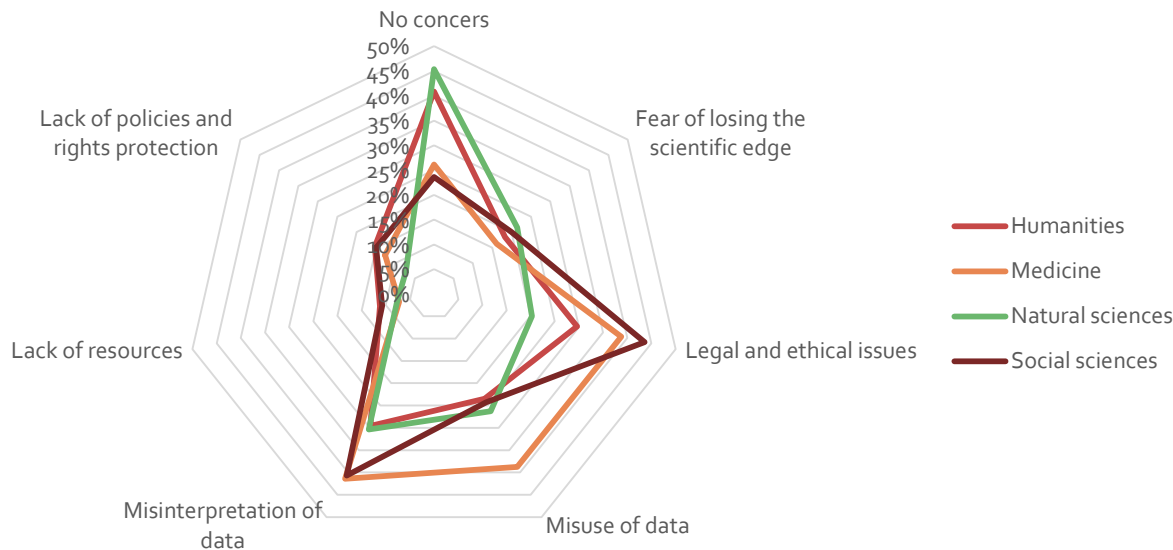
Data sharing practices



- **Sharing does not mean open access**
- Data are shared upon request
- Open access to data is provided more often by those, who are familiar with OA principles ($p=0,002$)
- Open access to data is more often provided by academics than by PhD students ($p<0,001$)

Concerns for data sharing

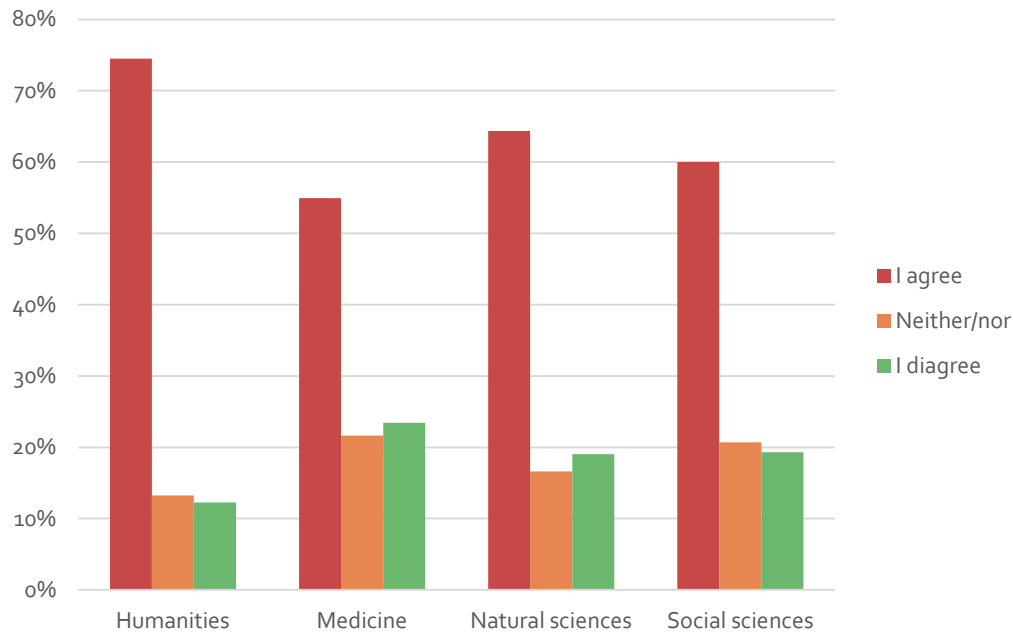
Do you have any concerns for sharing data with others?



- Interdisciplinary differences
- Respondents from medicine and social sciences have more concerns for legal end ethical issues ($p < 0,001$)
- **Fears of misuse and legal and ethical problems influence the willingness to share data**

Willingness to share data

I am comfortable and willing to share my research data with others



- Slight interdisciplinary differences

Discussion

- Academics are willing to share data, but they do not share them openly
 - They are not familiar with OA principles
 - Respondents did not have any data management training (only 12,2% had some kind of training, mostly in data citation styles)
 - CUNI does not have a simple solution for open data archiving
- Interdisciplinary differences
- Concerns about bureaucracy

Conclusion

- CUNI academics and researchers are willing to share their data
- They perceive certain risks connected to data sharing
- Data sharing infrastructure matching specifics of individual disciplines is needed
- More in-depth research is needed

Thank you

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Data available at:

DROBIKOVA, Barbora, JAROLIMKOVA, Adela, a Martin SOUCEK, 2017.

Data literacy and research data management survey [Data

set]. Zenodo. <http://doi.org/10.5281/zenodo.997844>