

Erasmus School of  
Social and  
Behavioural Sciences

# Open science is about access to publications and data

Pearl A. Dykstra

Conference on “Open access - The business model of  
scholarship”, 9 October 2018

Erasmus University Rotterdam



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May 2019

Soloviov, S.O. (Serhii O.) , Hakim, M.S. (Mohamad) , Nirwati, H. (Hera) , Aman, A.T. (Abu T.) , Soenarto, Y. (Yati) , Pan, Q. (Qiuwei) , Dzyublyk, I.V. (Iryna V.) and Andreeva, T.I. (Tatiana I.)

### Genome-wide association study identifies susceptibility loci for B-cell childhood acute lymphoblastic leukemia article

December 2018




Nature Communications, 9(1)


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## Access to data, why?

- transparency
- efficiency
- replicability

# Data hugging

Refusing to share data (academia, businesses, governments)

*“We are not allowed to share”*

*“You need to pay money”*

*“We do not have the capacity to process”*



Tim Berners-Lee, 2009.  
[https://www.youtube.com/watch?v=\\_J8H-ZVJwk8](https://www.youtube.com/watch?v=_J8H-ZVJwk8)

# Data hugging

Refusing to share data (academia, businesses, governments)

*“We are not allowed to share”*

Legal restrictions are much less limited than often thought, even for privacy-sensitive data

*“You need to pay money”*

The data have already been paid for, in the form of taxes

*“We do not have the capacity to process”*

Researchers need raw, unprocessed data



Tim Berners-Lee, 2009.  
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## Take-home message:

- access to publications: yes!
- include: access to data



## Take-home message:

- access to publications: yes!
- include: access to data
- EUR: key role in ODISSEI



Open Data Infrastructure for  
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**ODISSEI**