Open Research Data in Social Sciences:

Good principles, but lack of carrots

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20 April 2017, Tallinn, "Open Research Data - the FAIRest Data is the Future of Science"
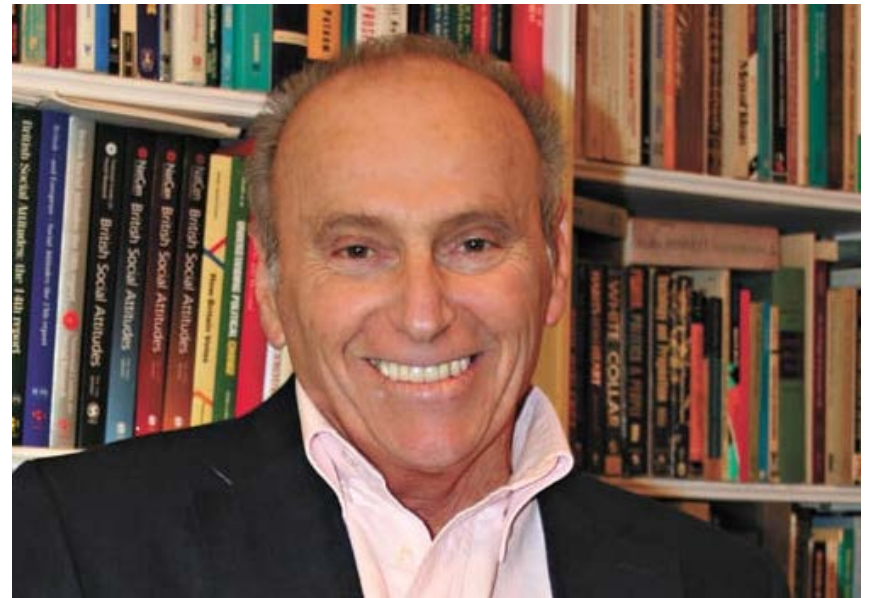
2016

2014

2012

2010

2008

2006

2004

34 countries
104 729 data users, 100 publicatsions per year only on Estonian data

European Social Survey

- Methodologically high quality

- Open access

Roger Jowell

Data = infrastructure

Facilities, resources and services used by the science community to conduct research and innovation

- Usable
- In correct direction
- Good quality
- No barriers

Different levels

1. Intergovernmental: RIs supported by several EU Member States, Pan-European: listed in the ESFRI Roadmap, including those with European Research Infrastructure Consortium (ERIC) status

https://ec.europa.eu/research/infrastructures/index_en.cfm?pg=eric-landscape

2. National RIs of European interest

3. National science roadmap

• Smaller scale …

Different levels = importance

Number of users

Open access

Outputs

- publications, large influence in society

Efficient RIs enable

1. the greatest discoveries
2. attract researchers from around the world and
3. build bridges between research communities
4. allow the training of researchers and facilitate
5. innovation and knowledge-sharing

6. Open data in not enough (education, advertising)

Open data paradox: data are scientific capital

- 16%
- How to motivate? Benefits?
- Those who built are not the quickest drivers - authorship reservation
- Open access data need extra resources
- In competition for money philanthropy does not win

About open access and costs

- Establishing costs
- Running costs
- Access costs (give rights for use)
- User cost (program, skills etc)
- Other user barriers (time for study data, education etc)

Social science and other science are not too different

Minimum in social sciences

NESSTAR

Data + metadata + methods +
online analyses

Suggestions

1. Open data need resources – quality control, standardized information about the databases

2. Collections – in data archives in social sciences

3. Carrots for authors - rewarding system – references to authors

4. Self reported library systems OK – but not with high popularity