Data Citation in Australian Social Science Research: PASS?

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#iassist2013
Presentation Overview

1. About the project
   a) What’s it all about Alfie?
   b) Our project outputs

2. Data citation
   a) What we would prefer to see
   b) State of play for ADA

3. Our progress so far
   a) Implementing DOIs
   b) ODIN/DataCite

4. What is still to come?
   a) The new ADA workflows
   b) DCS survey
About the project

- What’s it all about, Alfie?
- Our project outputs
What’s it all about, Alfie?

- ANDS funds
  - Data citation support
  - DOI workflows
- Builds on our existing:
  - Citation metadata
  - User practices
- Two main focal points:
  - Automated DOIs
  - Adjusting workflows
Our project outputs

- Changes to Workflows
  - Integrate policy, and
  - discipline culture
- DOI minting
  - ANDS Cite My Data service
  - Selected studies
- Citation practice
  - Self-citation by PIs
  - User citations
- Input to other trials
  - Automated indexing
  - DCI, ODIN
- Spreading the knowledge:
  - Conference presentations
  - Final reporting
Data citation
- State of play for ADA
- What we want to see
What we would prefer to see

Notes

1. The AusSSA data were obtained from the Australian Social Science Data Archive, Australian National University, Canberra.
2. The response categories for the share ownership questions were: 1. No, don't own any shares; 2. Yes, in 1 company; 3. Yes, in 2-5 companies; 4. Yes, in 6-10 companies; 5. Yes, in more than 10 companies.
3. The proportions of respondents in the various income categories are as follows: $20,200-$31,999: 16.6 per cent; $31,200-$36,999: 12.9 per cent; $34,100-$51,999: 8.8 per cent; $52,000-$79,999: 12.3 per cent; and $79,000 plus: 7.8 per cent.
4. Political ideology is measured with the following questions: "In politics, people sometimes refer to being on the left or on the right. Where would you place yourself on a scale from 0 to 10, where 0 means the left and 10 means the right?" (emphasis in original). The original scoring of 0 (left) to 10 (right) is retained for the regression analyses.
5. Inglis and Johnson (1977, p. 28) often uses a question to measure value orientations where respondents are asked to choose their most important and second most important national goals from the following list of options:
   a. Maintain order in the nation.
   b. Give people more say in important government decisions.
   c. Protect freedom of speech.
   d. Maintain a high rate of economic growth.
   Those who choose options 1 and 3, regardless of the order of their choice, are deemed "materialists", whereas respondents who choose any combination of options 2 and 4 are classified as "post-materialists". The remainder comprise the conceptually less interesting but largest category - "mixed" values. A three-point scale is usually constructed from these categories in the manner we employ in these analyses (1 = materialists; 3 = mixed; 5 = post-materialists).
   6. A dummy variable was included to represent of respondents in each category.

References


Dallas Hanson lectures in strategic management at the University of Tasmania. He is interested in the intricacies of share ownership and the rationality of business.

Bruce Tranter lectures in sociology at the University of Tasmania. In addition to share ownership, his research interests include environmental sociology, voting behaviour and values research.
Current state of play

• Lack of tradition
  – Depends on your discipline
  – Broadly: low take-up

• Socialisation:
  – Our PIs don’t often “cite”
  – Can we expect others?

• Systemic constraints:
  – Journals lax (or prohibit?)
  – DDI/Nesstar?
What will need to change?

• What we tell users
  – Expectations/terms of use
  – How to deliver?

• Custom and practice:
  – Among our PIs to start
  – Then other users

• Changing the journals
  – What journals should now expect
  – How will they enforce?

• Systems and IT
  – How do we build citations?
  – How do we follow?
Our progress so far

- Implementing DOIs
- ODIN/DataCite
Implementing DOIs

- **ANDS “Cite My Data”**
  - AU DataCite member
  - See “Cite My Data”

- **ADA workflows**
  - Have now mapped to our process
  - When to mint ID?

- **Metadata needs**
  - DOI and DDI
  - Nesstar – can’t yet add?
DOI Minting

ADAP (staff) — Edit Study

Please supply as many details as possible. You can fill out this form in any order by simply moving between the tabs below. See the tab for further tips and instructions.

Submit study

<table>
<thead>
<tr>
<th>Title and Abstract</th>
<th>Data Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data is:</td>
<td>Qualitative</td>
</tr>
</tbody>
</table>

Related data

Kind of data

- Clinical data
- Correspondence
- Census data

Time dimensions

- one-time cross-sectional study

Sampling procedures

- simple random sample
- no sampling (total universe)
- simple random sample
- one-stage stratified or systematic random sample
- multi-stage sample
- multi-stage stratified random sample
- one-stage cluster sample
- area-cluster sample
- quota sample
ODIN/DataCite

- ORCID – DataCite
- odin-project.eu
- EU FP7

- Linking Researchers
  - > To their published datasets
  - > To publications

- For more on this work:
  - Today at 3.45
  - C1: Quirinus
What is still to come?
- The new ADA workflows
- DCS survey
The new ADA workflows

• Workflows are now mapped
  – Will start to mint from this June
  – Using ADAPT tool

• DDI fielding
  – No URI field right now
  – Wait for Nesstar 5

• Push to DataCite
  – Through the ANDS infrastructure
  – Should be from July
DCS Survey

• Focus on users
  – Data citation practice
  – Data sharing too!!

• TPB model
  – Theory of planned behaviour
  – Azjen and Fishbein

• Can we determine:
  – Predictors of citation
  – Willingness to share

• Predictors include:
  – Attitudes towards action
  – Their perceived constraints
DCS survey

- Ethics approval:
  - Pending minor wording change
  - Expected by June
- Why ethics review?
  - We will be sharing data!!
  - Coming Jan next year
- Fielding June this year:
  - Sample: ADA users
  - (Per undertaking)
- Based on work of:
  - ICPSR study
  - Carol Tenopir
DCS Survey

- Results due August
  - Report available soon
  - Through ADA site
- Like to field elsewhere:
  - Australian non-user group
  - International?
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    • ODIN project - Session C1, Wednesday 3.45, Quirinis
  – Janet McDougall, ADA
  – Masaoka Shiki: Japanese poet, 1867-1902
Thank you very much

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Questions or comments?