

C3: Data Sharing Behavior and Policy

"The road to data sharing is paved w/ good intentions"



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More policies
from UK (20-30%)
than Germany & France

UK: strong centralized funding
Germany: federal structure strong
tradition of independence

UK EPSRC

diving this trend



puts requirement
on institutions
to support data

< RUSSELL GROUP >

(high research institutions)

not huge difference b/t
in or out of group

250 - ~1000 - 6000
WORD# average

- short strong values
weak on details
- longer on requirements

two general Policy types

- what to keep
various specificity
- data retention time
when given, lots opt for
10 years
- ethical use/reuse
- access
- availability
(open access)

different work-for-hire
type conditions

[POLICY CONTENTS]

- define data (value)
- identify university roles/
responsibilities
- DMP requirement
83% required!
- who it covers
(Staff v. students)
- ownership
27% state own
- external funding references



push from newer
uni's in this
area too

subject to review
(review after X years)

table available via DEC
data available via UKDA

(seeing data under IP policy
in a lot of "new" universities)

In Australia, you
can copy right a phone-
book. Wow.

QUESTIONS

{ Amy Piersta }
ICPSR

Looking at ICPSR, do some social
and behavioral sciences disciplines share
more than others?

SURVEY

- NSF & NIH PIs
- social / behavioral science data
- range of topics on data sharing
 - behavior
 - perceptions
 - barriers
 - publications



Data Sharing

12% self archived / IR
45% informal sharing
website
by request
43% no sharing

879 respondents in
this study

See similar results
in observed sharing
and actual sharing

- psychology less
likely to share +
archive
- psychology/health,
informal preferred
- health sciences less likely to
archive
- poly sci / econ more likely to share informally
+ archive

Confidentiality
Lack of time
documentation
won't understand

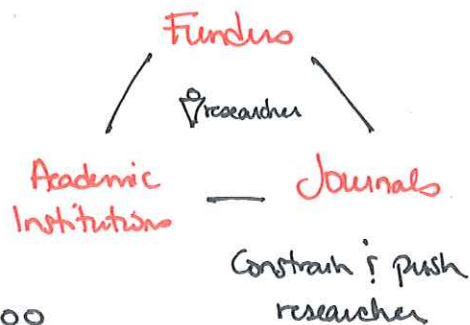
Barriers to Sharing

different main
barriers b/t
disciplines

toughest sources
based on this

Sharing behavior/
news different
by discipline

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Big Journal
Journal Data Policies

Political science



higher impact factor
more likely to have policy

BUT researchers don't always comply...



ask authors why
shared data?
(same journals as
previous study)



questionnaire



initial
results

- researchers ~~are~~ less likely to share if
 - others may find something new in data
 - or might be scooped
 - have to use standard (not data)
- more likely to share if
 - data will enhance research
 - give back to community
 - suitable repositories available
 - culture of data sharing