

Faculty Self-archiving Behavior: Implications for Preserving Faculty's Research Content

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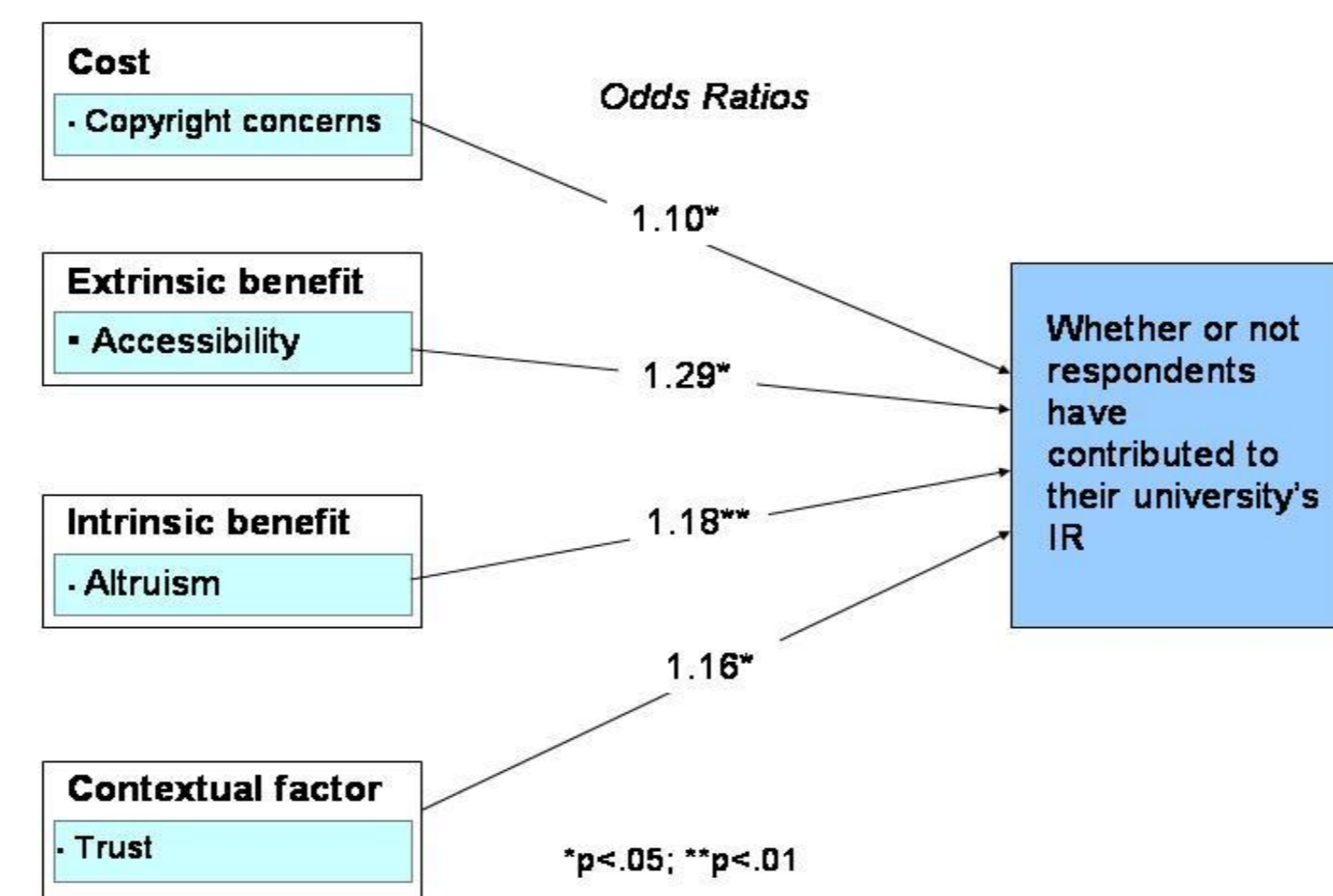
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Introduction

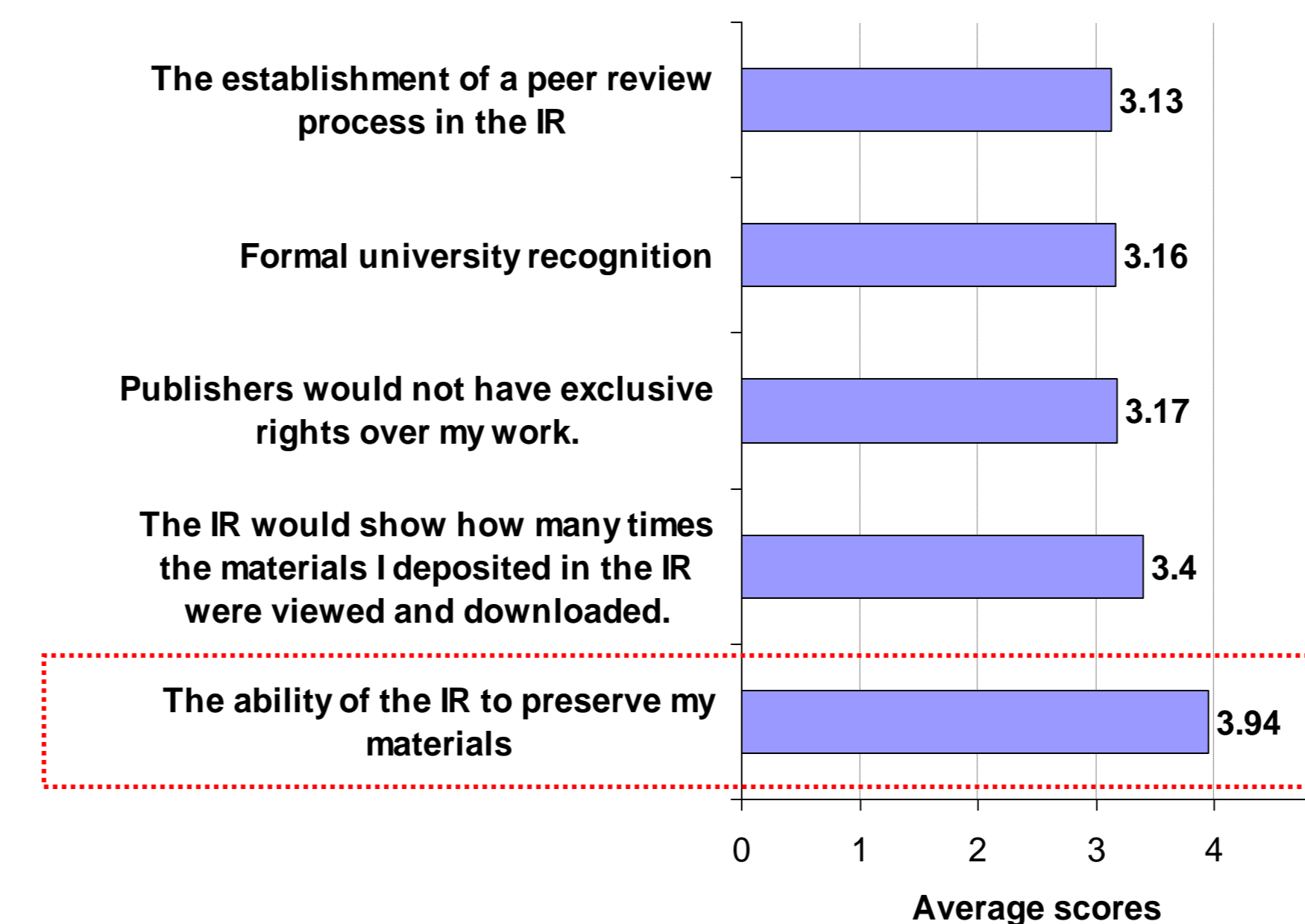
This poster reports selected findings from my dissertation on the factors affecting faculty members' self-archiving behavior – the placement of research materials on publicly accessible web sites. I focus on findings regarding faculty IR contribution to examine the potentials of IRs that preserve research content created by faculty.

Findings

- Factors affecting IR contribution (logistic regression analysis)



- What motivate faculty to deposit into IRs in the future



- Faculty's attitudes to long-term preservation in IRs

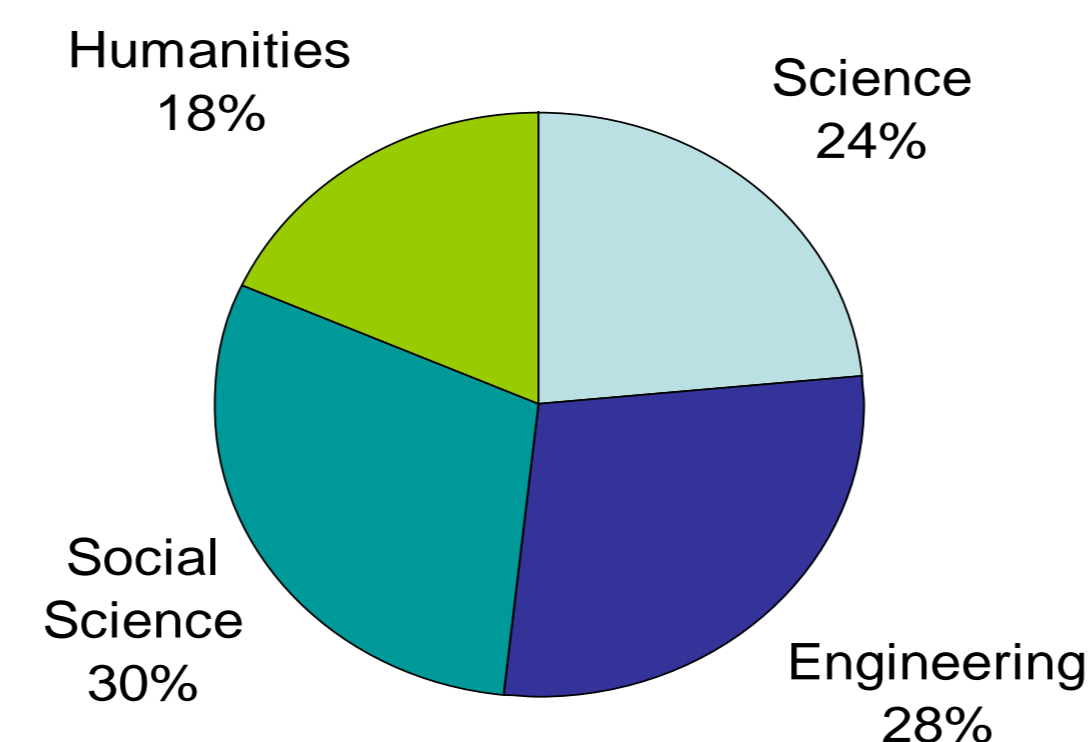
IR contributors	IR non-contributors
"IRs are really important ...there's easy access to your work over a longer period of time"	"The main problem that [IRs] face is managing institutional change rather than the technical issues"
"Use [IRs] as an archival system that better maintain it than I could maintain on my PC"	"[IRs] don't feel they have the resources to do that for every faculty member who just asks for it"

Methodology

- Triangulation of survey and interview data
- Distributed an online survey to 1,500 professors in October 2006
 - Sampled from 17 Carnegie Doctorate-granting Universities with DSpace IRs
 - The sample is also stratified by academic discipline

- 684 (45.6%) responded to the survey

- Respondents by discipline



- Conducted 41 follow-up phone interviews in March-May 2007

Implications

- Digital preservation is a selling point for IRs
 - Assess risks of file formats
 - Collect preservation metadata
 - Develop collection and retention policy for IR content
 - Plan for technological obsolescence
 - Sustain long-term funding for IRs

- Collaboration between a university library and archive
 - University archivists can provide their expertise in electronic records management for IRs
- Copyright management for preserving IR content
 - Understand legal impact on preservation in IRs
 - Help faculty manage copyright by articulating copyright issues