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Elsevier Research Intelligence

Research Networking Systems: A Data Treasure Trove for Creating Strategic Research Initiatives and Analyses

…it's like The View…except at VIVO…

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Empowering Knowledge

Who we are…

Northwestern

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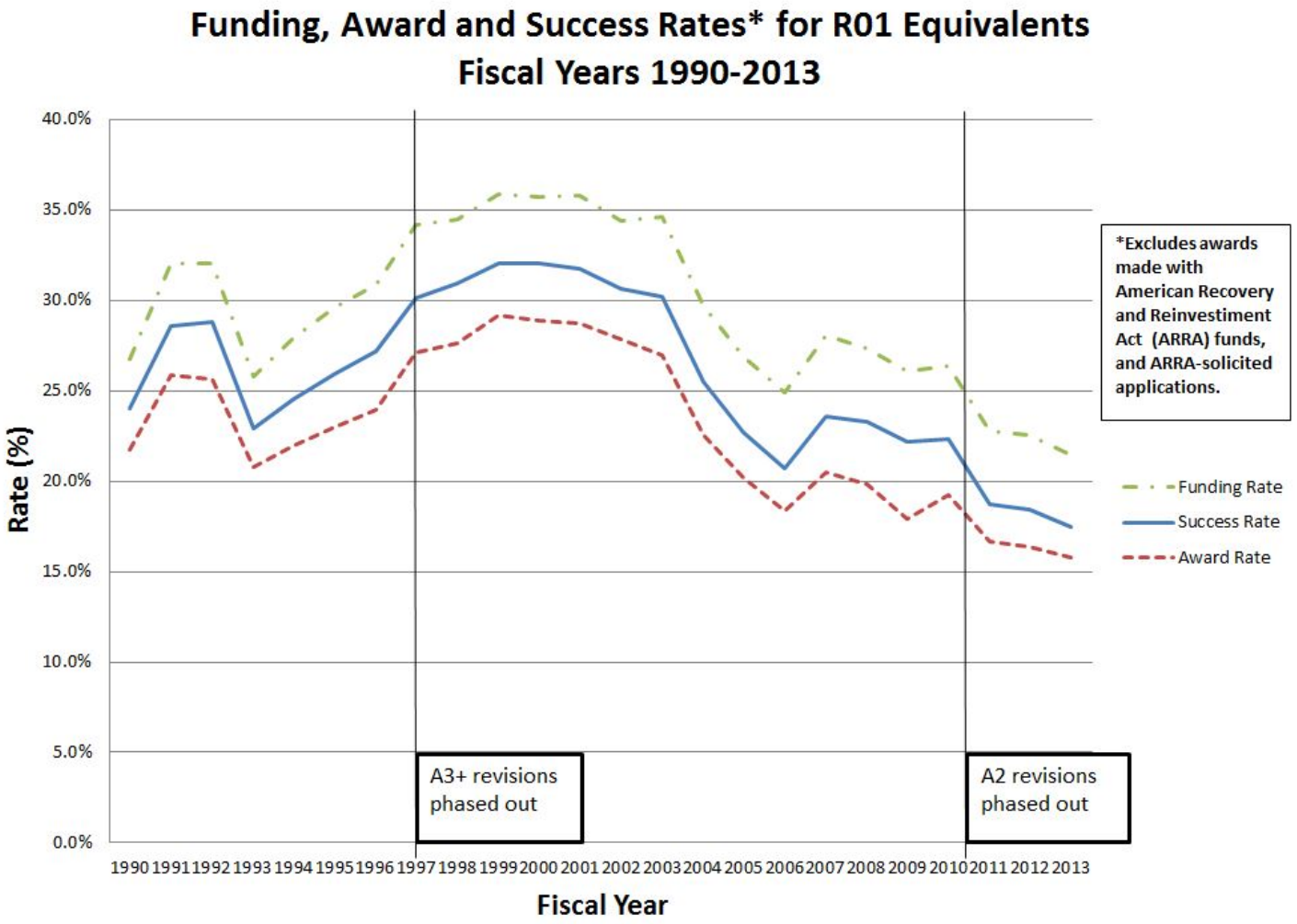
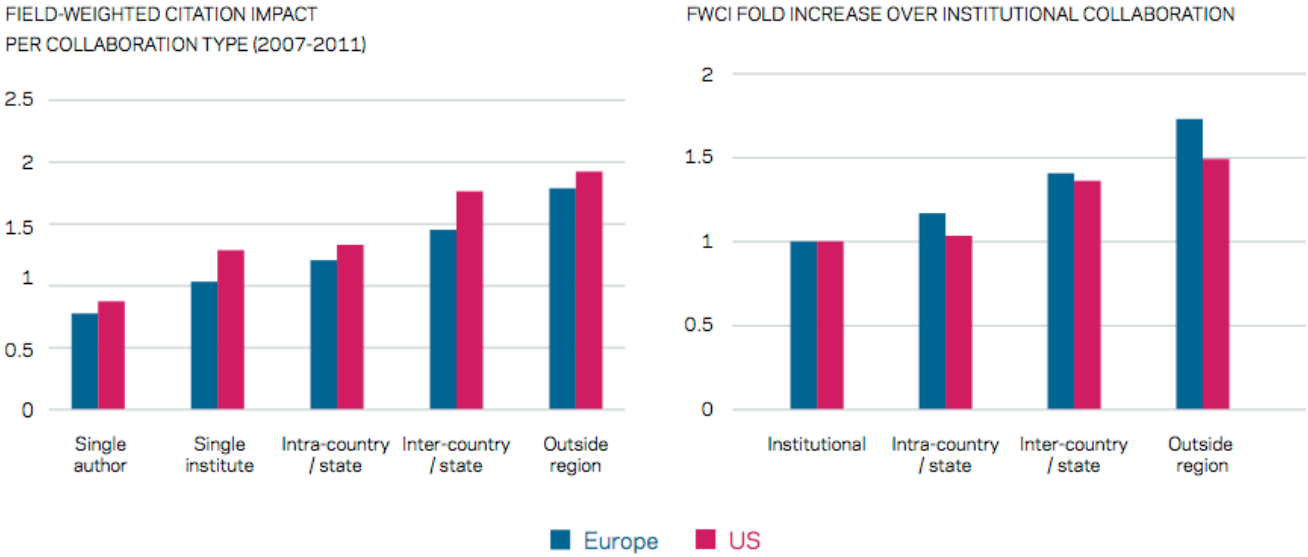
Before…

Collaboration in a competitive grants landscape



https://nexus.od.nih.gov/all/2014/03/05/comparing-success-award-funding-rates/

Collaboration positively correlated to impact



FWCI FOLD INCREASE OVER INSTITUTIONAL COLLABORATION

	Institutional	Intra-country / state	Inter-country / state	Outside region
EUROPE	1	1.17	1.41	1.73
US	1	1.03	1.37	1.49

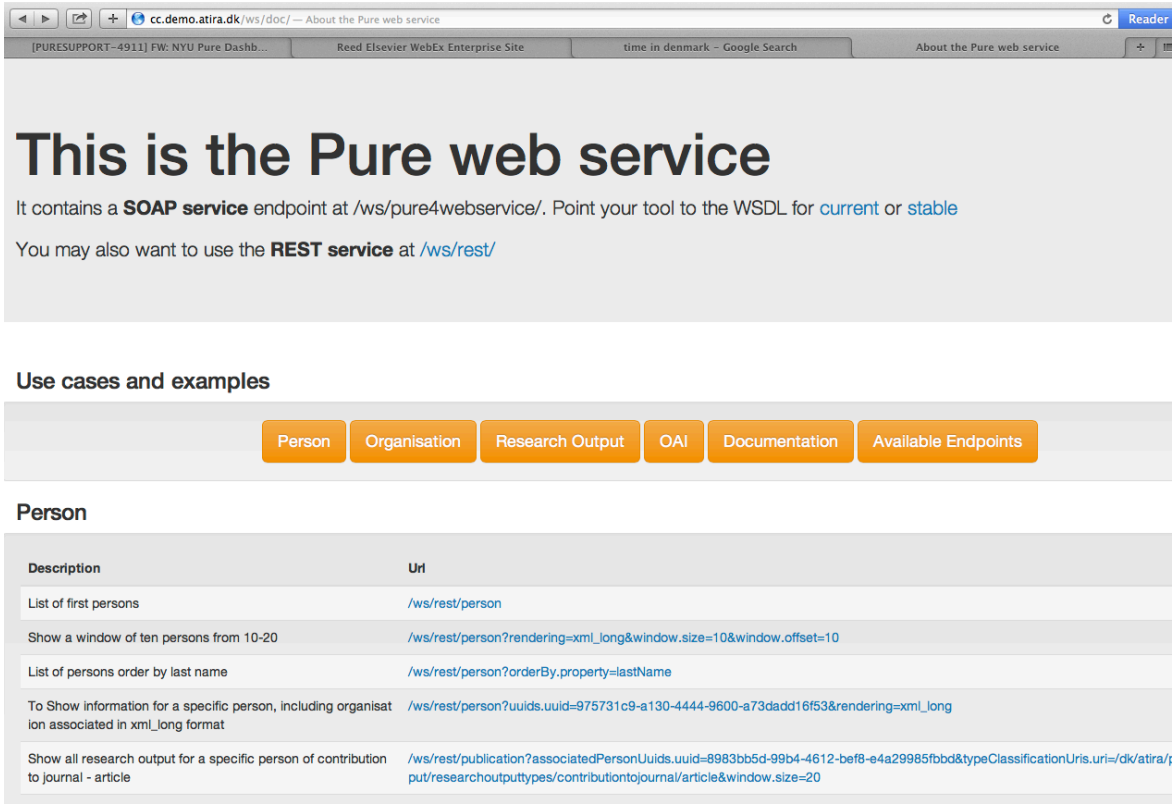
Figure 8 — *European and US field-weighted citation impact by collaboration type, 2007-2011, (left) absolute values per collaboration type, (right) fold increase over institutional collaboration.*

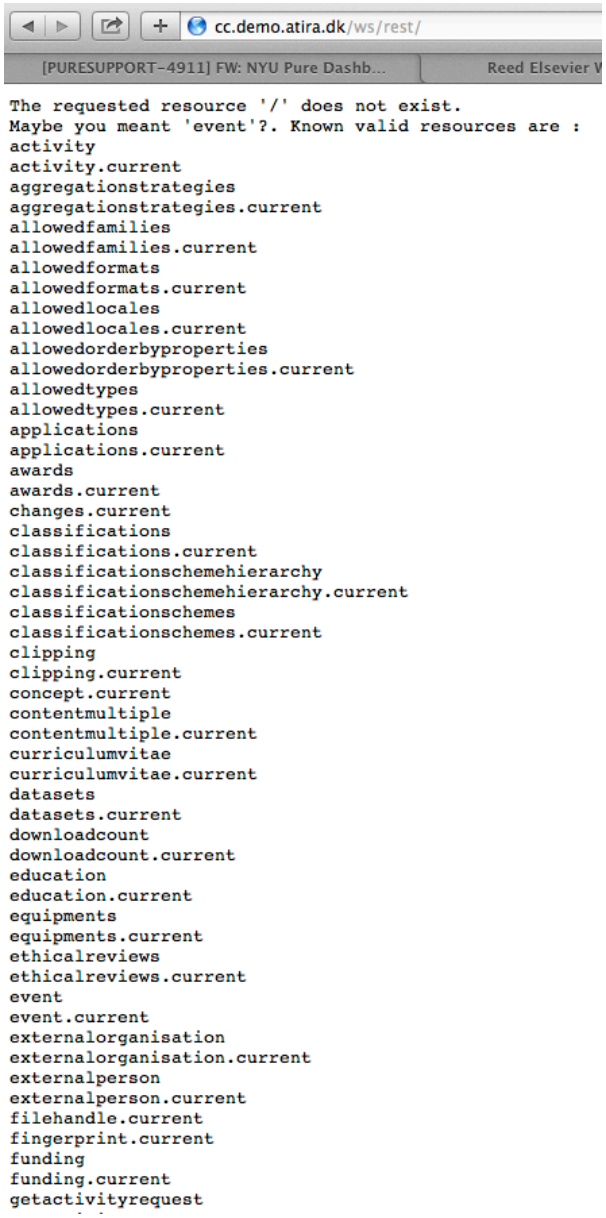
"Comparative Benchmarking of European and US Research Collaboration and Researcher Mobility."

What happens to the data…

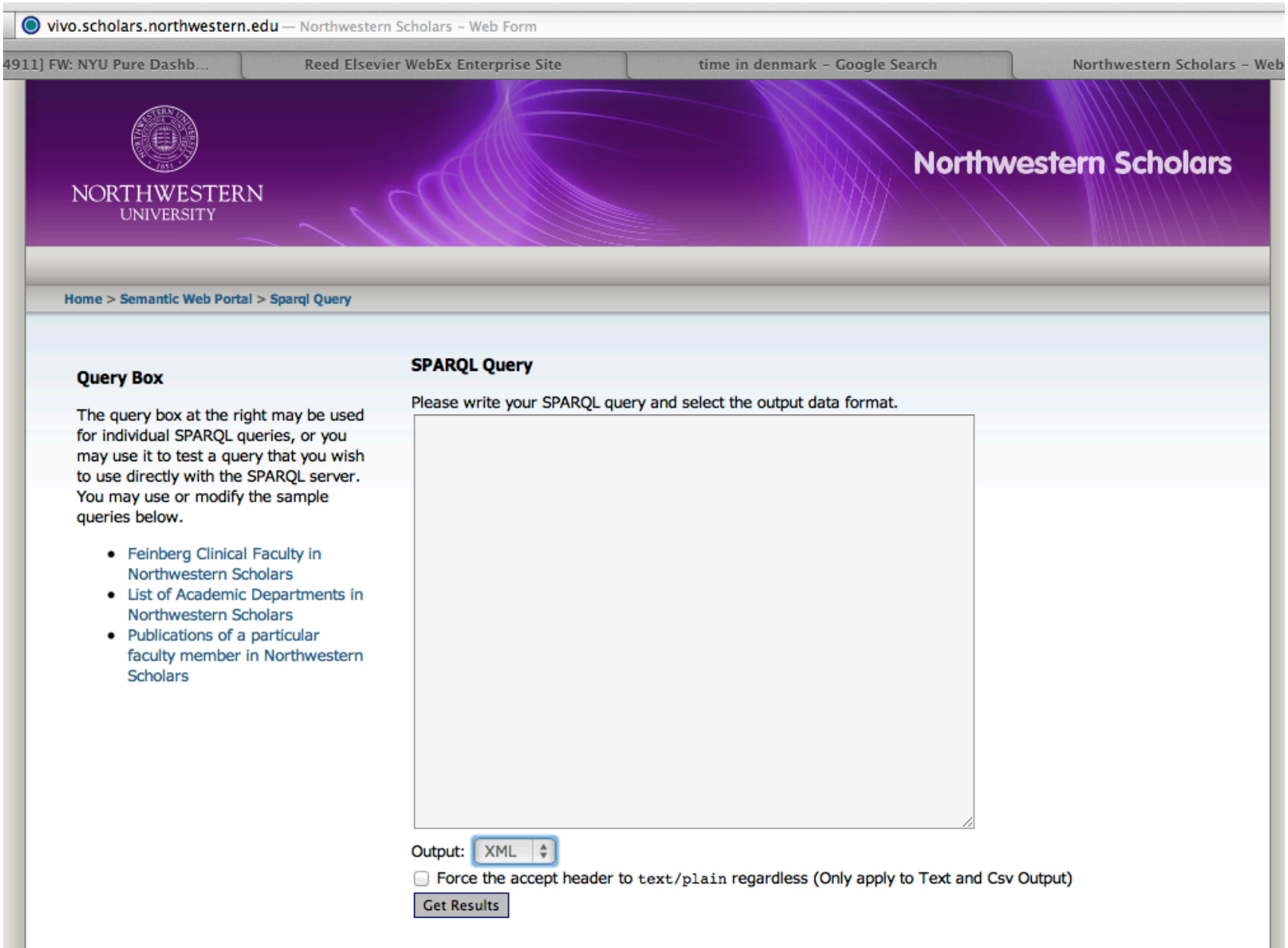
- finding experts and collaboration (research-centric)
- getting more grant dollars (funding-centric)
- economic development (funding/economy-centric)
- enhancing other sites with relevant data (marketing/data-centric)
- creating new visualizations from data (discovery/insight/data-centric)

Pure Web Service





Northwestern's SPARQL endpoint



After…

Thank you!

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