

Faculty Attitudes Towards Data Sharing

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White House Office of Science and Technology Policy

Joint Data Access Policy



If You Build It ...



Source: <http://blog.frogslayer.com/wp-content/uploads/2014/07/if-you-build-it-they-will-come.jpg>

Researchers value shared data, but don't share it. (Nelson, 2009)

Disciplinary differences in data practices. (Akers & Doty, 2013)

Disciplinary differences in knowledge creation. (Fry and Talja, 2007)

Why NOT Share Data?

Ethics

Career Protection

Context

Ethics

Quantitative research values transparency in the scientific method.



Qualitative research values protection of human subjects.

Career Protection

Tenured vs. Pre-tenure

Academia Explained: Muppets



Undergrad



Grad Student



Post-Doc



Assistant Professor



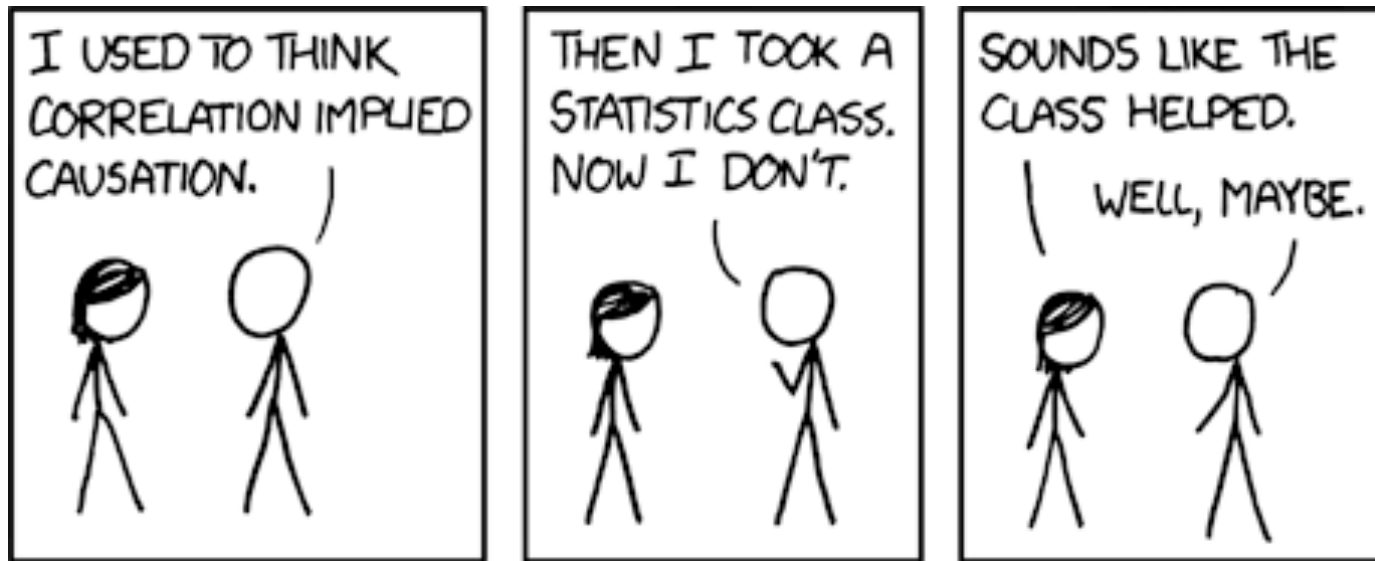
Tenured Professor



Professor Emeritus

http://1.bp.blogspot.com/-oPUYMLTJLjQ/UuZYFHqSdsI/AAAAAAAAAq0/f-ibHvpB7Ow/s1600/533754_553401921353622_1877820577_n.jpg

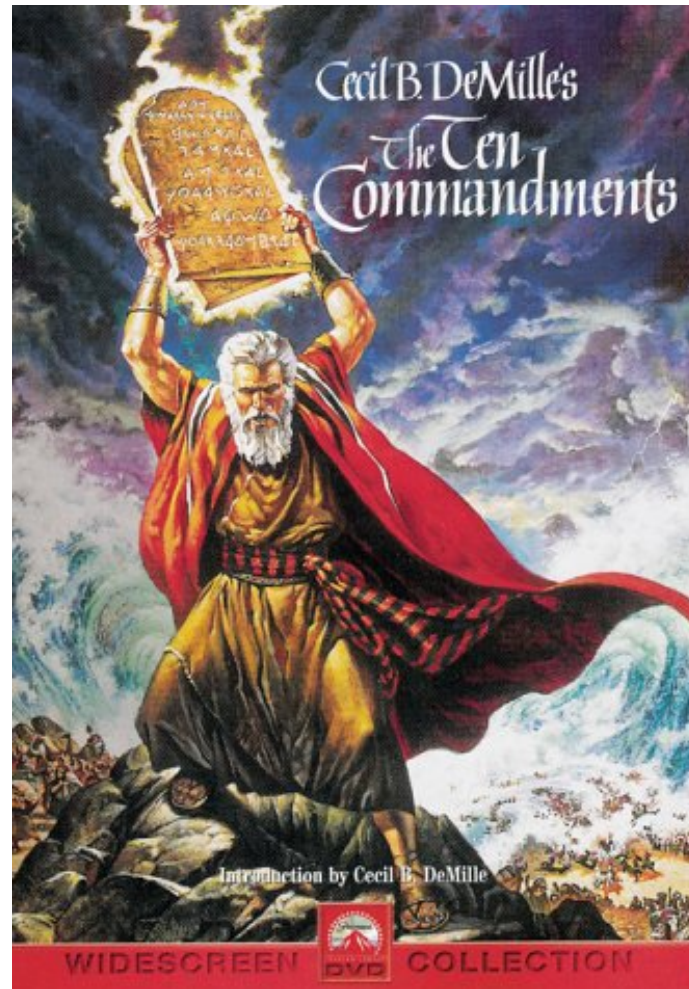
Context



<http://imgs.xkcd.com/comics/correlation.png>

“Once you give it away, you're no longer in control. You could get credit for it in Fox News. Or it could appear in *Science*, but you don't get credit.”

Lessons Learned



Movie Poster from The Ten Commandments. Copyright MPA.

<http://upload.wikimedia.org/wikipedia/en/b/b0/DeMilleTenCommandmentsDVDcover.jpg>

Summary

All of the benefits of data sharing are socialized, and all of the costs are personalized.



(Librarian)

(Researcher)

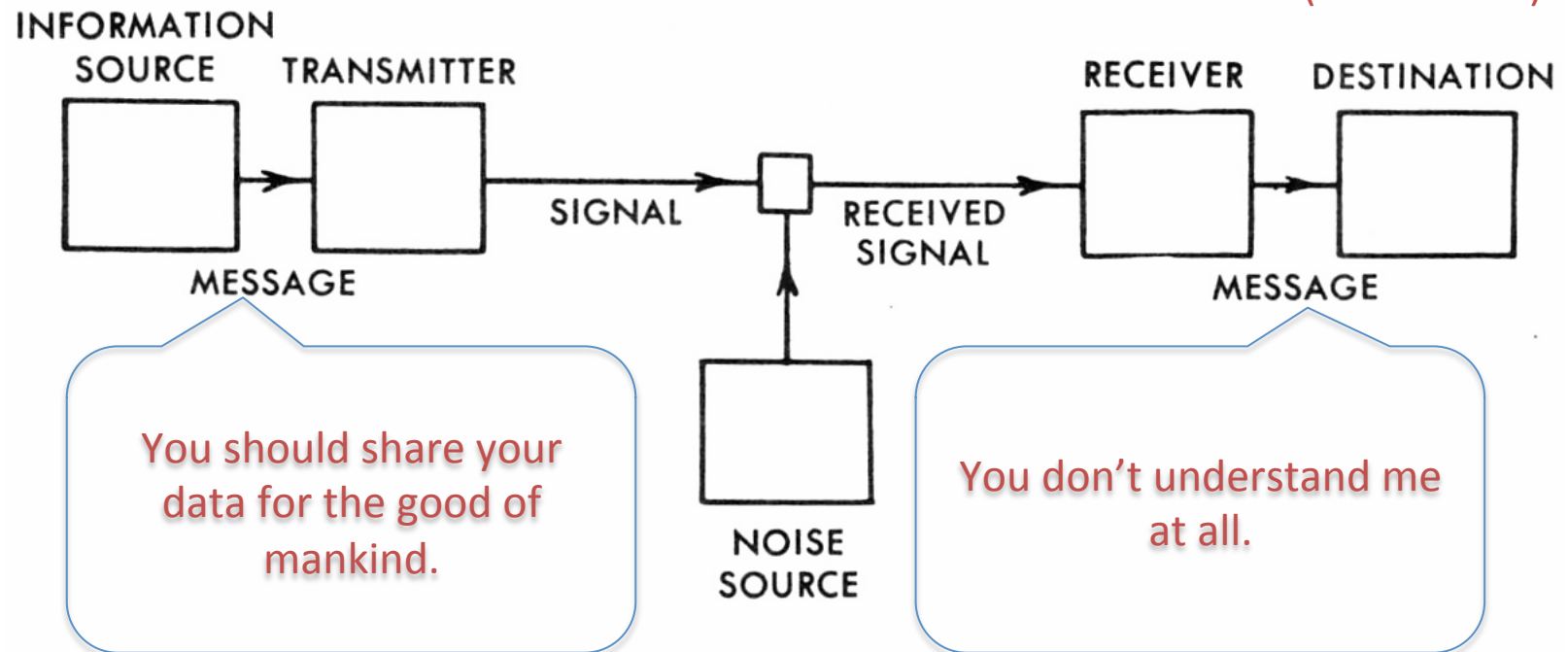


Fig. 1. — Schematic diagram of a general communication system.

Adapted from C.E. Shannon's *Theory of Communication*, 1948