



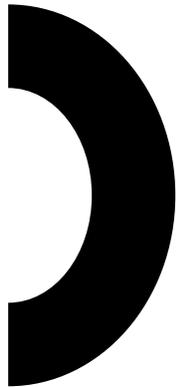
One Small Step: An Evaluation of a Library Big Data Project and the Wicked Questions that Remain

LOEX 2018 | Houston

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University of Minnesota - Twin Cities

Slides: z.umn.edu/LOEX2018_OneSmallStep



Learning Objectives

Attendees will examine models of college student development and analyze correlational research techniques in order to select or reject these methodologies and to find out what they can and can't tell you.

Attendees will assess the value of a library big data project and decide if this type of project does or does not provide value at their institution and for their instructional programs.

As you arrive and get settled

Reflect on your own library and campus -- Write down what is going on in your library around data? (e.g. some data collection? assessment? privacy policies? learning analytics? student success research? ACRL value research? for accreditation? etc.)

Quiz

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

Methodologies

Which method(s) would you be interested in trying at your institution?

	I'm a statistical whiz with the method	I'm somewhat familiar with the method	I'm learning about it for the first time	Yes, I want to try this method	No, this method isn't for me
Chi-square Test					
Logical Regression					
Propensity Score Matching					

Where can I go at my institution to get statistical help? Who could I partner with?

Summary

Does this type of project provide value at your institution? For your instructional programs?

What are your two takeaways from this presentation?



**Looking for
more
information**

Library Data and Student Success Articles

<http://z.umn.edu/ldsspubs>

- Pascarella, E. T., & Terenzini, P. T. (2005). *How college affects students: Findings and insights from twenty years of research : A third decade of research*.
- Astin, A. W. (1992). *What matters in college?: Four critical years revisited*. San Francisco: Jossey-Bass.
- G. D. Kuh, "Student Engagement in the First Year of College," in Upcraft, M. L., Gardner, J. N., & Barefoot, B. O. (2005). *Challenging and supporting the first-year student: A handbook for improving the first year of college*. San Francisco, CA: Jossey-Bass.

Questions?

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