Big Data Social Science

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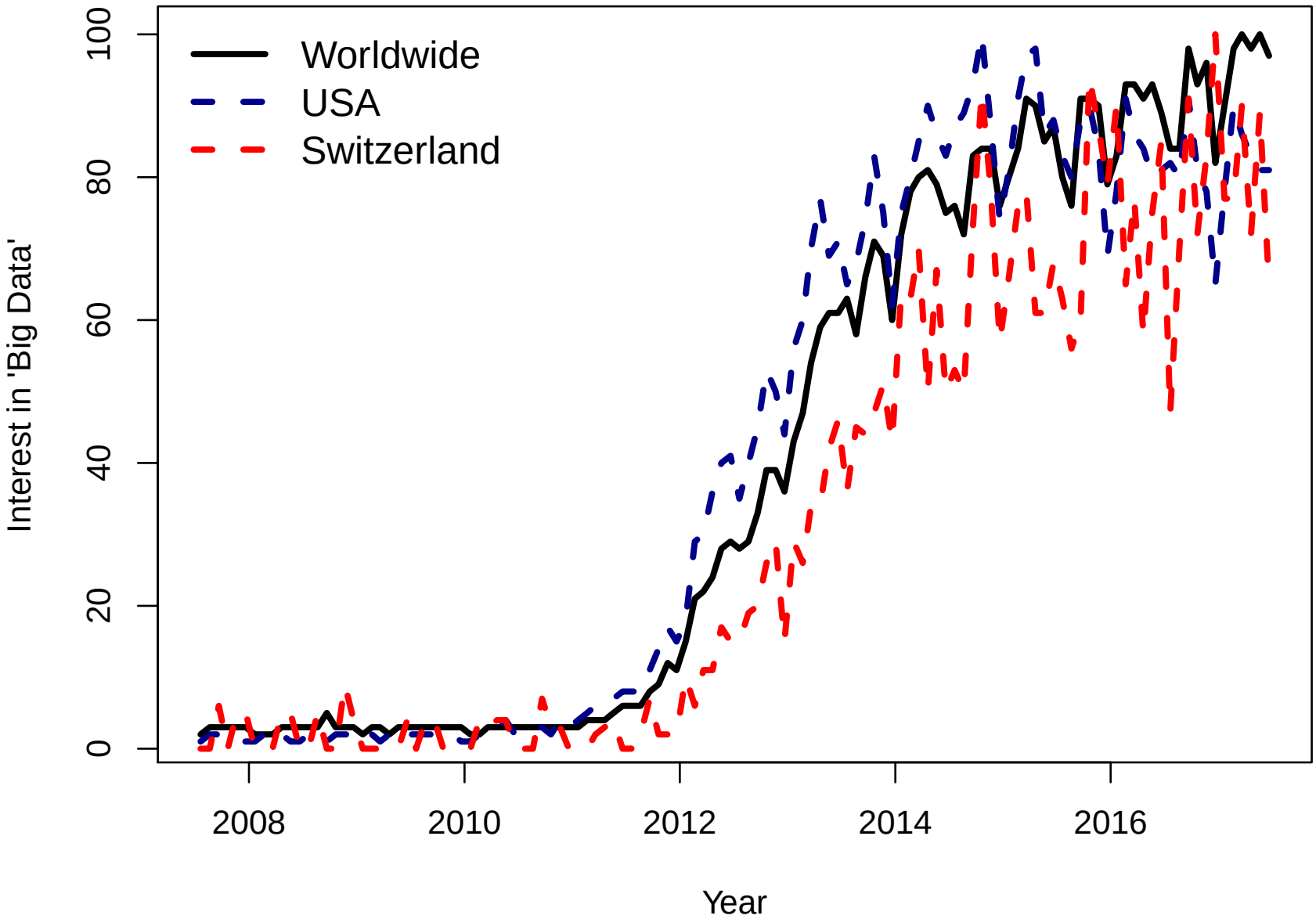
Big

Google Trends for “Big Data”



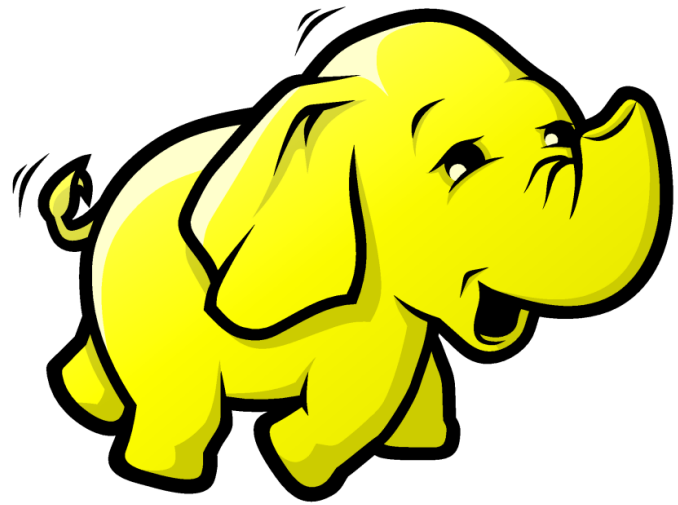
The Three Vs

- **Volume**
- **Velocity**
- **Variety**

Variety

Variety

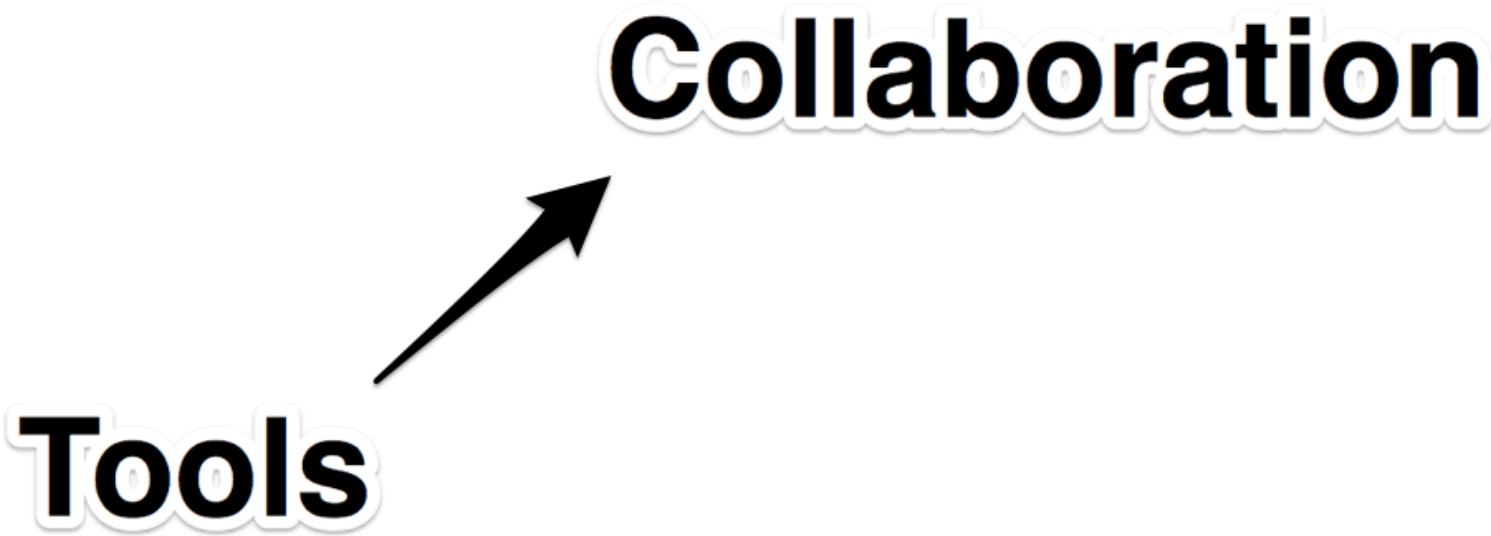
Variety



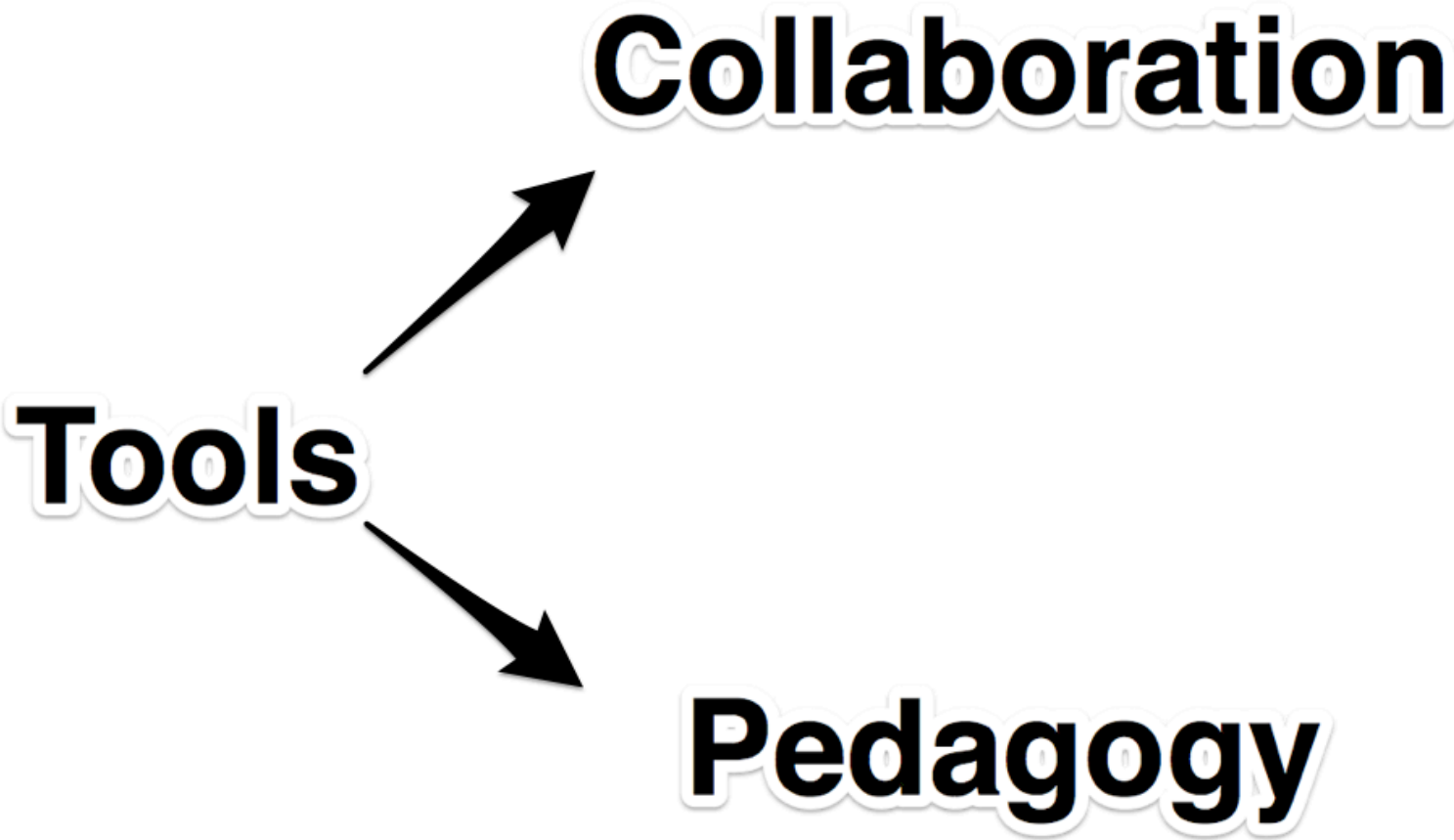
Variety

Tools

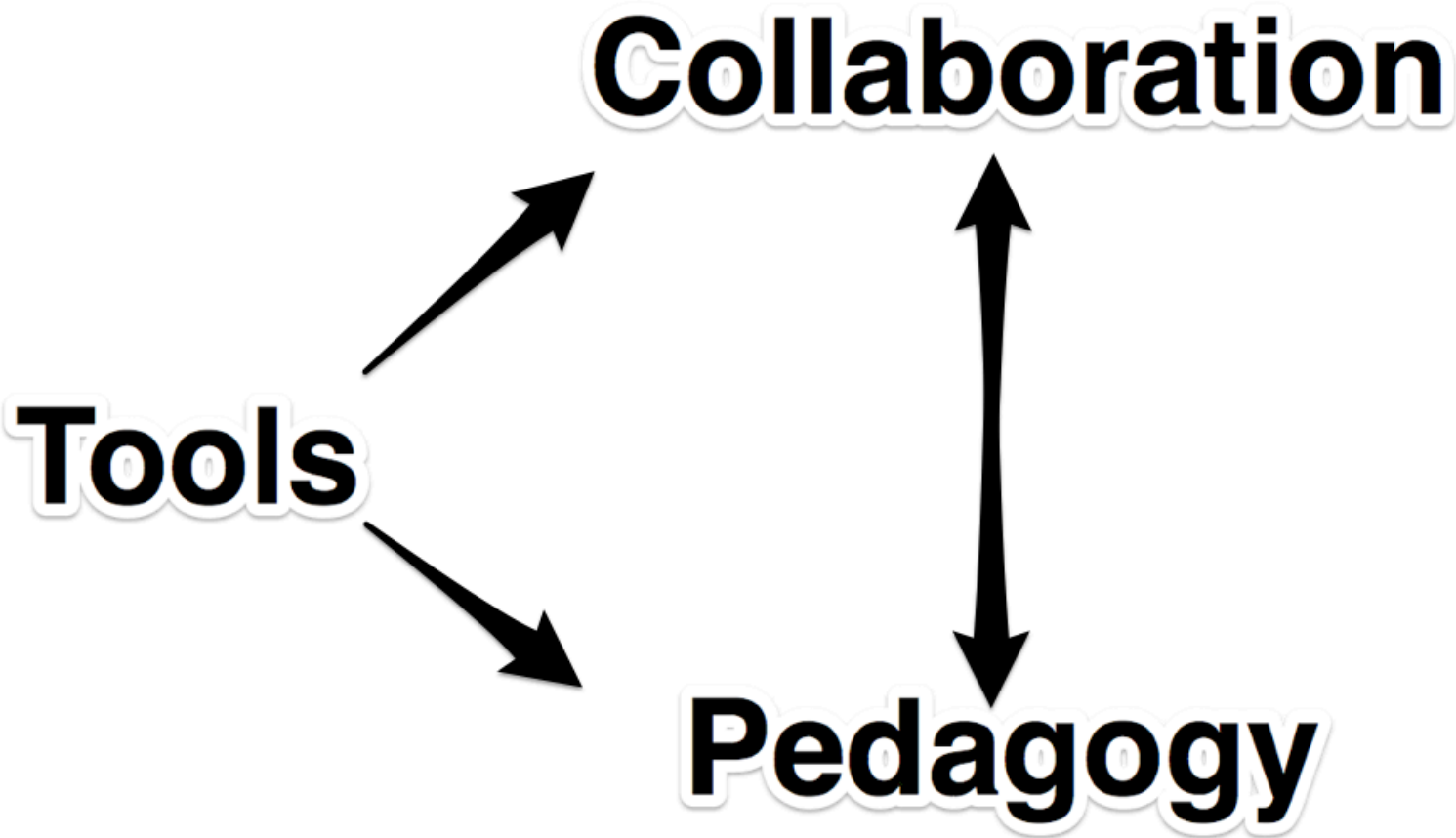
Variety



Variety



Variety



Variety

Variety

BaDaSS

Variety

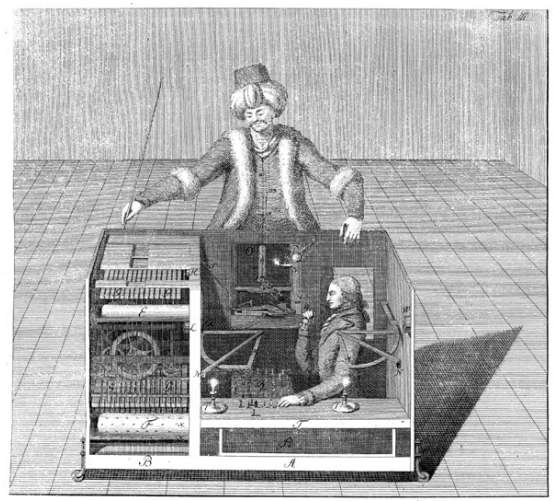
BDSS
Big Data Social Science
An Integrative Education and Research Program in Social Data Analytics

Variety

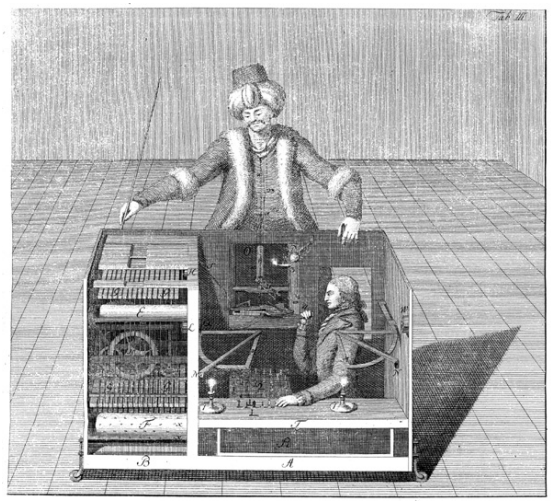
Velocity: Data Acquisition

Velocity: Data Acquisition

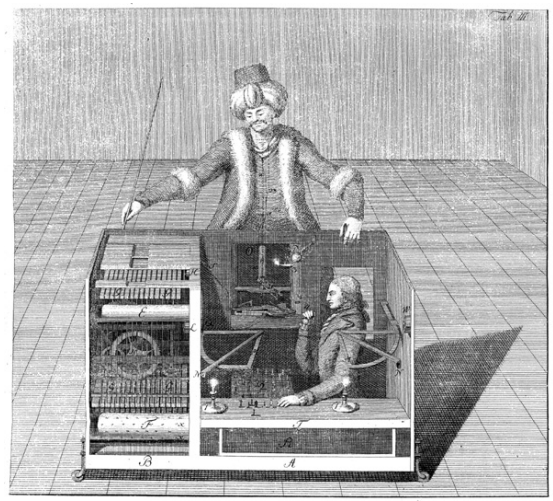
Velocity: Data Acquisition



Velocity: Data Acquisition



Velocity: Data Acquisition



Velocity: Presentation & Outlets

Velocity: Presentation & Outlets

Volume

TECHNOLOGY

Big data and the death of the theorist

By Ian Steadman | 25 January 13

Volume

ECHNOLOGY
Big ata and the death of the theorist
By Ian Steadman 5 January 13
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Think Different

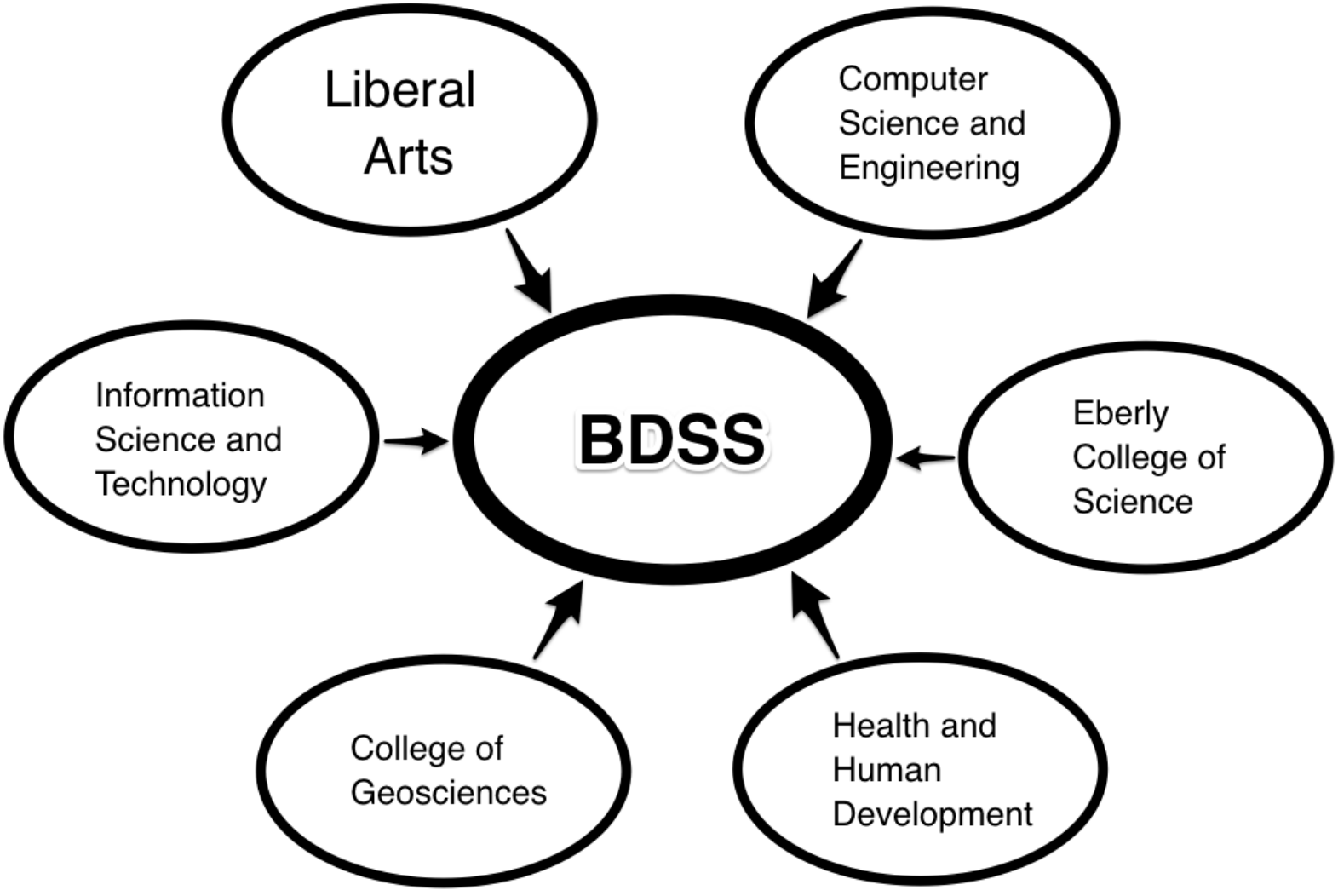
Theorize

~~Think~~ Different

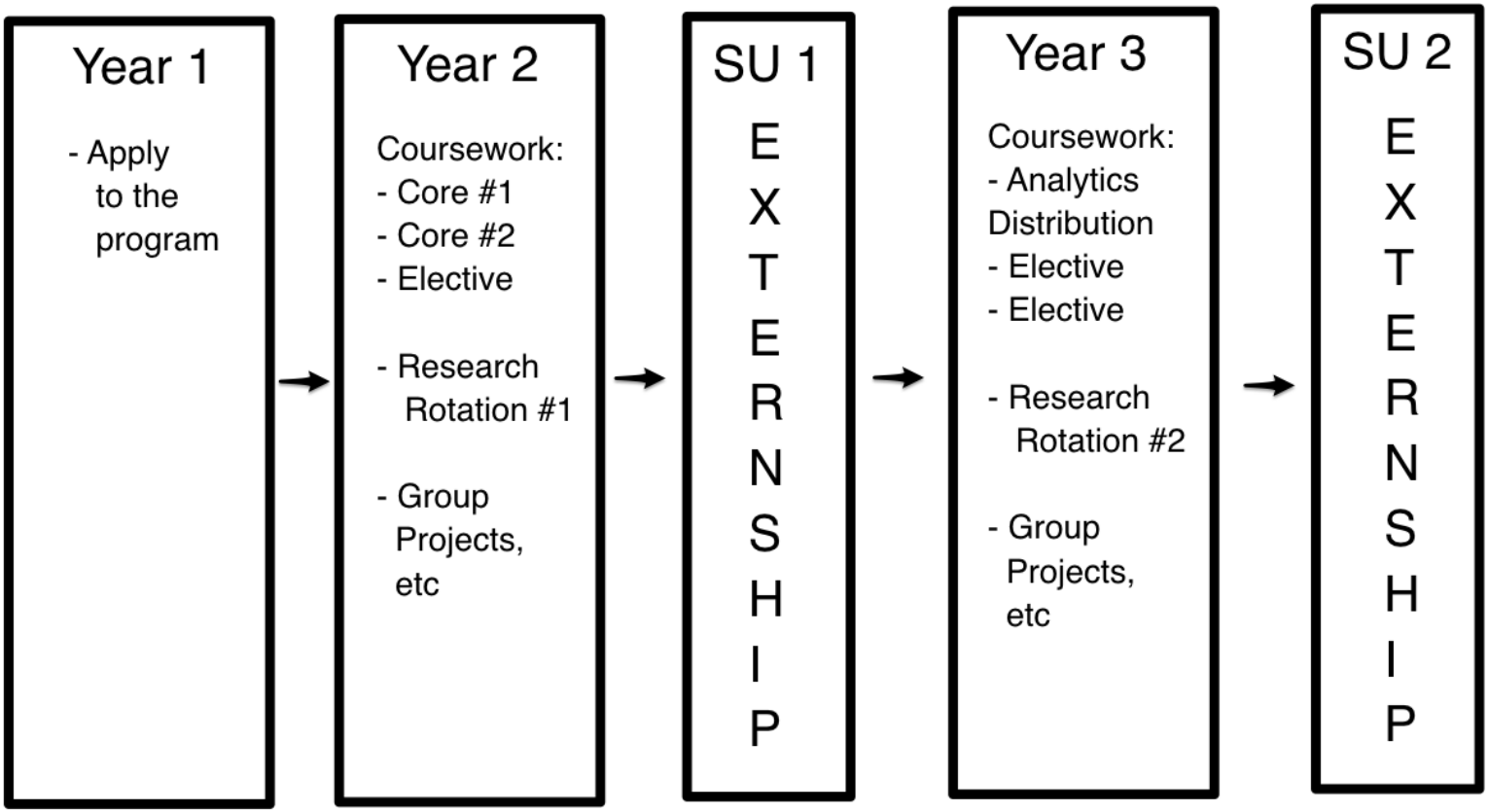
Thanks

BDSS support:

- NSF IGERT ($3m)
- Penn State administration ($3m) (including the "Databasement")
- PSU Colleges (various)
- Social Science Research Institute, Institute for Cyberscience, etc.


Liberal Arts
Computer Science and Engineering
Information Science and Technology
BDSS
Eberly College of Science
College of Geosciences
Health and Human Development

BDSS Structure

- “Dual-Title” Ph.D. in *Social Data Analytics* (“SoDA”)
- 7-8 students per year for five years (+ “associates” and “affiliates”)
- 2nd - 3rd year of Ph.D.
- General requirements: Coursework + research rotations + externships

BDSS Process