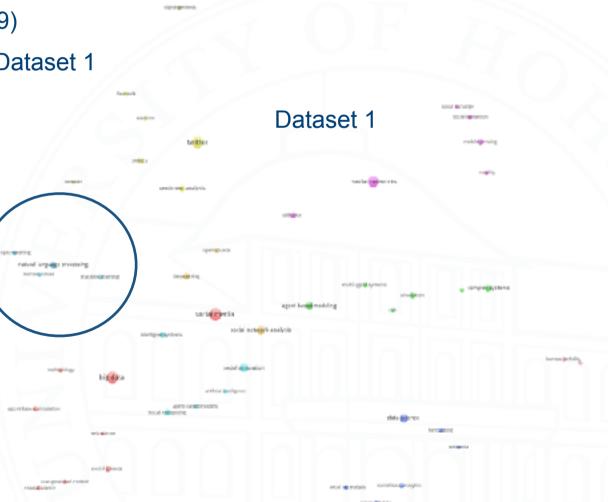
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Christopher Zirnig @CZirnig

Chair of sociology

- Dataset 1 286 abstracts; search word: "computational social science"
- Dataset 2 857 abstracts that cited Lazer (2009)
- Dataset 3 random sample of 53 papers from Dataset 1



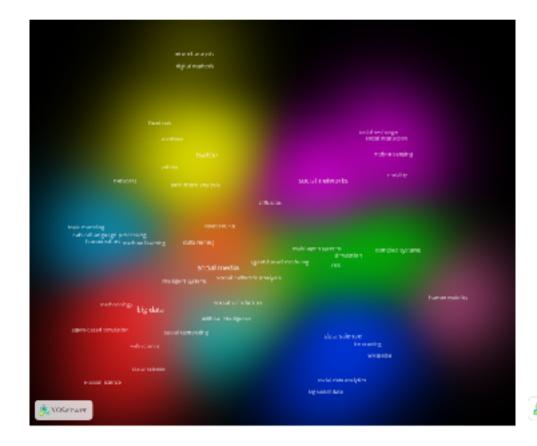
David Lazer et al. (2009) *Computational Social Science*. Science Vol. 323, Issue 5915, pp. 721-723

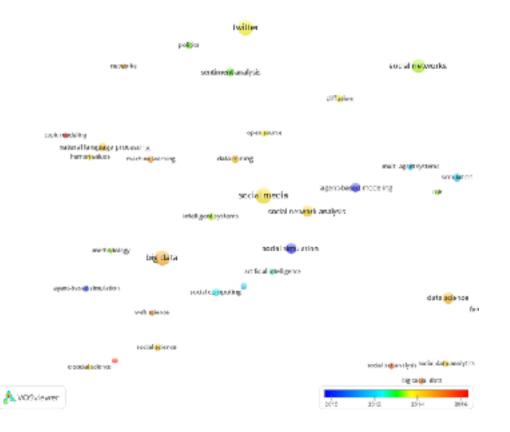
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## "Natural Language Processing" in Dataset 1

#### - occurs only 7 times





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### **Dataset 3**

"Understanding large collections of unstructured text remains a persistent problem. Unlike information retrieval, where users know what they are looking for, sometimes users need to *understand* the high-level themes of a corpus and *explore* documents of interest."

Yuening Hu; Jordan Boyd-Graber; Brianna Satinoff;

Alison Smith (2014): Interactive topic modeling. Mach Learn 95: 423–469.