“...the institutional rules and practices that make it possible for people to trust each other without an interpersonal relationship.”

Deliberation

“...a process whereby groups of people, often ordinary citizens, engage in reasoned opinion expression on a social or political issue in an attempt to identify solutions to a common problem and to evaluate those solutions.”

Designing for Deliberativeness in Online Discussion

- What factors effect the likelihood that people will engage with policy materials?

   Personal Background

   Phrasing of Prompts

   Presentation of social activity

Designing for Deliberativeness in Online Discussion

- How does curating for different positions on a controversial issue affect the likelihood that people will engage with each other?

  Pro vs. Anti

  Policy issue #1 vs. #2

Designing for Deliberativeness in Online Discussion

- Can newcomers craft conversation prompts that further the discussion?

Crowdsourcing

Instructions and scaffolding

Policy issues #1, #2, and #3

Enabling large audiences to engage with local and global issues.
Enabling large audiences to engage with local and global issues

Last year there were 3,602 articles related to climate change
Data visualizations help to expose the factors underlying an issue.
Data visualizations help to expose the factors underlying an issue

3,602 articles
232 (2.3%) include data visualizations
38,084 comments

What value might online discussion comments add back to the presentation of a civic issue?
Data visualizations may provoke questions about the data, analysis procedures, and interpretation.
Online discussion may not elicit useful contributions

Many news websites have closed their online discussion forums
Data visualizations are also tricky for people to interpret.

Source: Global Carbon Project
By Nadja Popovich/The New York Times
A Shift in Power Generation

Natural gas displaced coal as America's top source of electricity in 2016 and renewables are on the rise.

1. What do you notice?
2. What do you wonder?
1. What do you notice?

2. What do you wonder?
   a. Costs
   b. Consumption
   c. Non-renewables
   d. Popularity
A Shift in Power Generation

Natural gas displaced coal as America's top source of electricity in 2016 and renewables are on the rise.

In some states, policymakers are now pushing to leave gas behind to meet ambitious climate goals. Last week, New York lawmakers
Data provenance: Where did this data come from and how did it get here?

Visual representation: How do visual choices suggest ways to interpret data?

Data narrative: What stories do the data visualization(s) convey?
Data provenance: Where did this data come from and how did it get here?

Visual representation: How do visual choices suggest ways to interpret data?

Data narrative: What stories do the data visualization(s) convey?
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