Ethics

Part 1, Part 2, Additions and extensions

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- 1) Introduction
- 2) Observing behavior
- 3) Asking questions
- 4) Running experiments
- 5) Mass collaboration
- 6) Ethics

Part 1, Part 2, Additions and extensions

7) The future

fear-based reasons

- fear-based reasons
- ► hope-based reasons

- fear-based reasons
- hope-based reasons
- we have no choice

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design ethically thoughtful research

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- explain your decisions to others

Two existing approaches:

► Rules-based approach

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My preferred approach:

Principles-based approach

Three examples

Examples:

► Emotional contagion

Experimental evidence of massive-scale emotional contagion through social networks

Adam D. I. Kramer^{a,1}, Jamie E. Guillory^{b,2}, and Jeffrey T. Hancock^{b,c}

^aCore Data Science Team, Facebook, Inc., Menlo Park, CA 94025; and Departments of ^bCommunication and ^cInformation Science, Cornell University, Ithaca, NY 14853

https://doi.org/10.1073/pnas.1320040111

Examples:

- ► Emotional contagion
- ► Tastes, Ties, and Time

Tastes, ties, and time: A new social network dataset using Facebook.com Kevin Lewis ^{a,*}, Jason Kaufman ^a, Marco Gonzalez ^a, Andreas Wimmer ^b, Nicholas Christakis ^a

a Department of Sociology, Harvard University, United States

https://doi.org/10.1016/j.socnet.2008.07.002

b Department of Sociology, University of California, Los Angeles, United States

Examples:

- ► Emotional contagion
- ► Tastes, Ties, and Time
- ► Encore

Encore: Lightweight Measurement of Web Censorship with Cross-Origin Requests

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http://dx.doi.org/10.1145/2785956.2787485

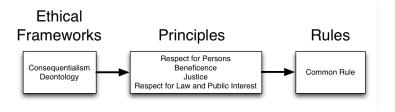
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 - Little agreement about key concepts (e.g., privacy)
 - Blending of contexts



► Respect for persons

Respect for persons: Participants decide not you

- ► Respect for persons
- Beneficence

Beneficence:

Minimize risk, maximize benefits, then decide

- ► Respect for persons
- Beneficence
- Justice

Justice: distribution of burdens and benefits of research

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- poorly education and disenfranchised citizens
- prisoners
- institutionalized and mentally disabled children
- old and debilitated hospital patients

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Also includes access to benefits of research

- Respect for persons
- Beneficence
- Justice
- Respect for Law and Public Interest

Respect for Law and Public Interest:

- compliance
- transparency-based accountability

- Respect for persons
- Beneficence
- Justice
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How do you balance these four principles?

- ► Consequentialism (focus on ends)
- ► Deontology (focus on means)

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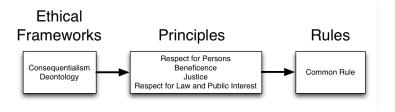
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▶ Both of these approaches can be taken to extremes

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- ► Deontology (focus on means)

A few things to keep in mind:

- ▶ Both of these approaches can be taken to extremes
- Most disagreements are between people taking different approaches



Applying these ideas can be tricky, in part 2 I will:

- discuss 4 areas of difficulty
- offer 3 practical suggestions

Thank you