

[Introduction to mass collaboration], [Human computation],
[Open call], [Distributed data collection],
[Fragile Families Challenge]

Matthew J. Salganik
Department of Sociology
Princeton University





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



Mass collaboration combines ideas from

- ▶ crowdsourcing
- ▶ citizen science
- ▶ collective intelligence

mass collaboration

```
graph TD; A[mass collaboration] --> B[human computation]; A --> C[open call]; A --> D[distributed data collection];
```

human computation

Examples:

- Galaxy Zoo
- Crowd-coding
- political manifestos

open call

Examples:

- Netflix Prize
- FoldIt
- Peer-to-Patent

distributed data collection

Examples:

- eBird
- PhotoCity
- Malawi journals project

Guiding idea:

Collaborators not cogs (ornithology and astronomy are examples)

► Is this really research?

- ▶ ~~Is this really research?~~
- ▶ Does this enable new research?

► Is this perfect?

- ▶ ~~Is this perfect?~~
- ▶ Is this better than we can do without mass collaboration?

► Is this impossible?

- ▶ ~~Is this impossible?~~
- ▶ Is this possible?

[Introduction to mass collaboration], [Human computation],
[Open call], [Distributed data collection],
[Fragile Families Challenge]

Matthew J. Salganik
Department of Sociology
Princeton University

