

Four areas of difficulty:
Informed consent, informational risk, privacy, and
making decisions in the face of uncertainty

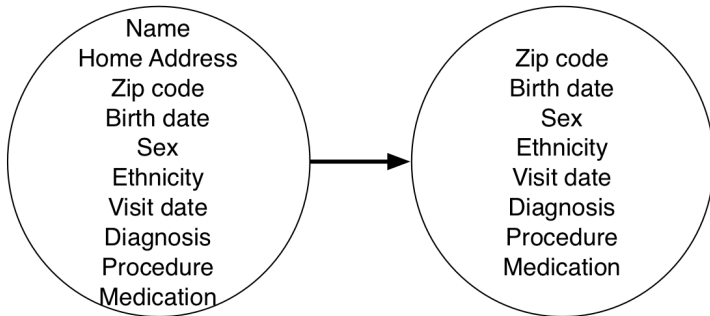
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June 19, 2017

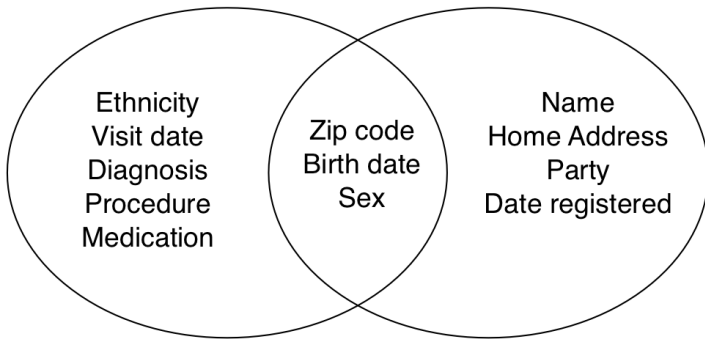


Informed consent

Understanding and managing informational risk



"Anonymization"



"Anonymized"
medical records

Voting records

Risks come from combining data sources

$\underbrace{\text{Baking soda}}_{\text{Safe}} + \underbrace{\text{Vinegar}}_{\text{Safe}} =$

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Privacy

What is privacy?

Making decisions in the face of uncertainty

- ▶ IRB is a floor not a ceiling

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- ▶ Think of research ethics as continuous not discrete