

Data & the wider determinants of health

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KSS AHSN & Beautiful Information Analytics Conference
November 2018



The wider determinants of health



Dahlgren and Whitehead model - factors influencing health and wellbeing

- Range of non-clinical and non-health care related factors that influence a patient's health - health care systems account for as little as 10% to 20% of a population's health and wellbeing
- Datasets from across these sectors can be linked together, allowing us to understand the impact of wider determinants
- Insights can be used to identify areas that can be targeted in prevention work

Data



Health care data

- Detailed demographic information
- Information on diagnoses, procedures, medications
- Limited information on any factors that are external to the health care environment



Administrative data

- Demographic data (some datasets are better than others)
- Employment
- Housing
- Education
- Limited information on the health of these individuals

Four key areas of data linkage projects



Stakeholder
Management



Analysis design &
execution



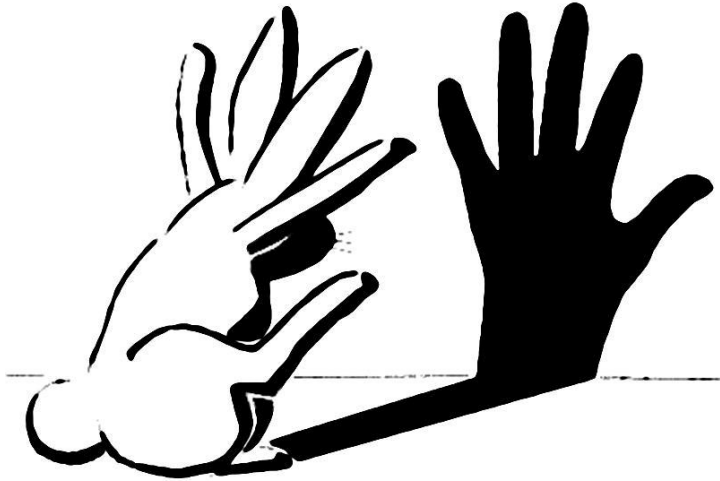
Information
Governance &
data sharing



Public and Patient
Involvement

TRIZ

Reframing a problem...



...to create space for innovative solutions

First...

Think about the worst imaginable outcomes that could occur in a data linkage project

Next...

What actions could you take to make sure the worst imaginable outcomes materialised?

Finally...

What steps could you reasonably take to ensure that the worst case scenarios are avoided?

Feedback

- 1) What is the most interesting or relevant worst case scenario?
- 2) What actions could you take to make sure that it happened?
- 3) What steps could you take to ensure that it was avoided?

Thank you

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