Mapping Fear of Crime

Reka Solymosi
Fear of crime has a significant impact on

- transport mode choice,
- walkability/cycling,
- accessibility

- Important element of transport safety & security in London
Current situation

- Retrospective Surveys
- Market research

D2 CONCERN ABOUT CRIME

DangAtt [ASK ALL FUD]
Now turning to concerns about crime. Since the first of [*DATE*] was there an occasion when you actually felt there was a danger of you being physically attacked by a stranger?

1. Yes
2. No

WomVict [ONLY ASK IF THE RESPONDENT IS MALE AND THERE ARE ADULT WOMEN IN HOUSEHOLD]
SHOW CARD D1
How worried are you about an adult woman in the household being physically assaulted or mugged by a stranger?

1. Very worried
2. Fairly worried
3. Not very worried
4. Not at all worried

ManVict [ONLY ASK IF THE RESPONDENT IS FEMALE AND THERE ARE ADULT MEN IN HOUSEHOLD]
SHOW CARD D1
How worried are you about an adult man in the household being physically assaulted or mugged by a stranger?

1. Very worried
2. Fairly worried
3. Not very worried
4. Not at all worried

BurnRep [ASK ALL FUD]
Fear of crime in London by place of residence

Percent of people who answered with "worried" or "very worried" to the Metropolitan Police Service Public Attitudes Survey Q13: "To what extent are you worried about crime in this area?"

Legend

Fear of Crime in London
% respondents worried about crime
- 15 - 25
- 26 - 31
- 32 - 34
- 35 - 39
- 40 - 54

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Data is supplied by the Mayors Office of Policing and Crime and Uploaded to the London Datastore by the GLA Intelligence Unit (intelligence@london.gov.uk).
Issues with current information
Issues with current information
Issues with current information
Issues with current information
What would be better?

• More accurate recall
• Reflective of experience in everyday life
• Precise spatial and temporal data
• Entire activity space
How?

In this moment, how worried are you about becoming a victim of crime?

- Not at all worried
- Not very worried
- Fairly worried
- Very worried

Are you on a form of public transport? (e.g. on the bus / train)

- No
- Yes

Logged in as: reka.solymosi.ucl@gmail.com
Touch the map on the location you wish to send a report about to select the area. Please be as precise as possible. When you have done so please press OK to proceed.

Latitude: 51.521478155010584
Longitude: -0.13522256165742874

OK

How many hours ago did the event you are reporting happen?

Hours

At the time of the event you are reporting, how worried were you about becoming a victim of crime?

- Not at all worried
- Not very worried
- Fairly worried
- Very worried

Are you on a form of public transport? (e.g. on the bus / train)

- No
- Yes

Save
In this moment, how worried are you about becoming a victim of crime?
- Not at all worried
- Not very worried
- Fairly worried
- Very worried

Are you on a form of public transport? (e.g. on the bus / train)
- No
- Yes

What type of crime did your answer refer to?
- Being mugged or robbed
- Being physically attacked by a stranger
- Being insulted or pestered by anybody
- An incivility such as graffiti or people drinking in public
- Being subjected to a physical attack because of your skin colour/ ethnic origin
- Being raped
- Other

Save
Welcome! Before you begin using FOCA, we would like to ask a few demographic questions to use in our research. All response is anonymous and confidential, and we would really appreciate if you could take the time to do this at your nearest convenience. Thank you!

The following questions will ask some basic demographic information to inform our research. All information is anonymous and confidential and will not be used to identify you personally.

What is your gender?

- Male
- Female

What is your age?

27

Next >
Pilot study

What kind of data can be expected from this method?
Fear of Crime in Camden and Islington

Fear of crime measured over 2 weeks using experience sampling via a mobile application.
Variations by
• Time of day
• Day of week
• Residents v. Non-residents
• Etc…
Fear of crime experienced in everyday life versus generalised anxieties and concerns

• Much less overall than people assumed.

• Significant difference between genders in retrospective survey disappears in daily life.

Figure 1: Gender divide in pre-experiment questionnaire results

Figure 2: Gender divide in ESM experiment results
Benefits

- Measure everyday “lived” experience
- Map street level & whole journey
- Dynamic
- Methodology could be applied to journey chain (vs street level)

Targeted & holistic interventions from policing/ policy/ urban planning and design
Next Steps

- Full-scale study
- Interviews to ensure validity of measurements
- Case studies
- Correlations with other data
  - Recorded crime
  - Built environmental factors (CCTV, pubs, etc)
  - Area characteristics
  - ???
Thank you!

Comments, questions, advice?

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