

Topic 6.2: Open Data

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Introduction

- Topic definition
- Chapter structure

Background

- What is open data?
- What types of organisations release open data?
 - Public sector
 - Private sector
- What are the strengths/limitations of open data?

Surveying environmental features using Open Street Map

- Explain OSM
- Note important technical details including key, value and elements
- Explain APIs
- Overpass queries and overpass-turbo
- But better: use OSM API to download some features in R
- Note the timeout error
- Map features
- Download crime data to compare with features (eg violence ~ bars)

Future of open data

- Open topics in open data
- Further applications to crime and place research

Conclusion

- Re-cap
- Wrap-up