Question: What are the problems associating with accessing datasets (e.g. copyrights, formats)? Why is the public sector different from the private sector?
Summary

- Problems - 1st dimension - interoperability
  - Datasets are not interoperable
  - Representations
    - Lack of metadata
  - Different standards
  - No standardized vocabularies
  - Lack of categorization
  - Multilingual
  - Semantical aspects
Summary

• Problems - 2\textsuperscript{nd} dimension - “quality”
  - Redundancy
  - Replication
  - Subjective views, perspectives
  - Balanced access
    • To different sources of the same data
Summary

• Problems - 3\textsuperscript{rd} dimension – difficult access
  - Access should be made easier
    • Use of: services, universal access, registries, aggregators
  - Recommendations
  - Datasets available in the future
Summary

- Problems – 4\textsuperscript{th} dimension – privacy and copyright
  - Privacy and security issues
  - Sensitive data
  - Anonymity, confidentiality
    - Support for anonymity
  - Different regulations in different countries
  - Promote indirect access
Summary

• Problems - 5\textsuperscript{th} dimension - sustainability
  - Accessing the data as they evolve
  - Inconsistency in
    • Content
    • Accessing policy
Summary

• Problems - other
  – Scalability
    • Large volume
Summary

- Public vs. Private
  - Common aspects: Privacy issues, noise
  - Different
    - Availability
    - Domains
      - Private are usually more specific
    - Business models - motivation
      - Companies are competitive – why should they give their data
    - Level of detail
    - Interest level varies: private better quality
    - Public: larger
    - Public: official
Main problems - votes

- Quality: 8
  - Balanced truth/reliability
  - Inherent inconsistency

- Sustainability: 4

- Motivation for use: 2

- Easy accessibility/data hub: 2

- Interoperability: 2

- Metadata/standards: 4

- Validation: 1

- Privacy: 2

- Contextualization: 3
What to do?

- Make datasets interoperable
- Define specific formats for specific open data
- Add metadata
- Add validation and trust in data
- Data transformations
  - Legacy data
  - Export as services
- Collaboration among countries for regulation
  - Present success stories also