## **Extrinsic Quality Indicators**

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### **Bibliometric Indicators (1)**

- Usage analysis / Webometrics
  - Downloads
  - Clicks
  - Library usage and orderings
  - Web mentions of individual scholars
  - Links to journal web sites or publications

Possible sources: MESUR, COUNTER, Citebase







A Project funded under the Socio-Economic Sciences and Humanities Theme.

## **Bibliometric Indicators (2)**

- Reference Analysis
  - Citation Analysis from EERQI Content Base
  - Google Scholar via Harzing's "Publish or Perish"
  - Co-operation with Scopus?







## **Science Organization**

- Network Analysis
  - Concept Mapping
  - Co-citation Analysis
- Cooperation Analysis
  - Co-autor network analysis
- Research Centre
  - Research Collaboration
  - Affiliations







#### **Review Indicator**

- Reviewing Procedures
  - no review procedure
  - unqualified peer review
  - standardized peer review etc.
- Data can be detected by
  - Source/outlet of document (e.g. journal)
  - semantic analysis (e.g. of prefaces)







#### **Document characteristics**

- Science-specific text structures
  - Abstract
  - Bibliography
  - Footnotes
- Metadata about text types
  - Review article
  - Research article







#### **Esteem Indicators**

- Institutional affiliation
- Outlet of publication

Ranking of these attributes not recommended as it would be difficult and prone to opposition in community







# Thank you very much for your attention!

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