Evaluating the Effects of Library E-resources and IL tuition on the Research Outcomes in Finnish Top Universities and the Quality of the Statistical Data Collected
Contents

• Globalization of the quality assessment of the higher education
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Globalization of the quality assessment of the higher education

- Global education market
- Global exchange of educated work force
- Digital dissemination of scientific documents
- E-learning
- New tools for co-operation: social media, ICT
Different types on analysis

- Statistical analyses
- Outcome analyses
- Effectiveness analyses
- Auditing
- Self evaluating
- University rankings
Ranking of the world universities

• Academic ranking of the world universities (ARWU, known also as the Shanghai list)
• The Times Higher Education World University Ranking
• These are based on academic statistical data, different points of view of data selection in each system is used
• “Railing against the rankings will not make them go away; competition, the need to benchmark, and indeed the inevitable logic of globalization make them a lasting part of the academic landscape of the 21st century. The challenge is to understand the nuances and the uses — and misuses — of the rankings.” (Altbach 2010)
Trend analysis of selected Finnish universities: library and research

• For the analysis six Finnish universities were chosen. The idea was to choose those that have had rankings in the ARWU (Academic ranking of world universities). They are:
  – University of Helsinki
  – University of Oulu
  – University of Turku
  – Aalto University
  – University of Eastern Finland
  – University of Jyväskylä

• As the indicators for the analysis the following were chosen: viewed e-documents, ECTS credits (European Credit Transfer and Accumulation System for study points in universities), research funding and ranking in the ARWU.
Fig. 1 The linear trends of competed research funding (CRF) and total of research funding (TRF) – summary of the Universities of Helsinki, Oulu, Turku, Aalto, Eastern Finland and Jyväskylä.
Fig. 2. The linear trends of the number of viewed e-journal articles (VD), ECTS credits, annual number of dissertations and university ranking – summary of the Universities of Helsinki, Oulu, Turku, Aalto, Eastern Finland and Jyväskylä.
Conclusions

• We are living in a world of rankings

• The emphasis is set on the actual outcomes of the university, i.e. research outcome (especially publications) and teaching outcome (i.e. degrees produced)

• Three phases of library evaluation:
  • Statistical, i.e. resource oriented
  • Library outcome oriented
  • Library’s effect on the academic work oriented

• The last is most important, this needs a lot of work in order to find out the definition of the terminology, the best practices and standards to be utilized
Thank you for your attention!

Questions now,

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