Globalization of science: Outline

* Introduction
  + The main idea
  + Journal globalization
  + Transition from national to transnational model of communication
  + Zitt and Bassecoulard and Novelty claim
  + Data and methodology
  + Content of the paper
* Globalization of science
  + Traditional approach – collaboration
  + Collaboration vs. journal globalization
  + Transition in the west
  + Non-transition in the East
  + Role of new countries
  + Globalization and research evaluation
  + How to define journal globalization – no domicile, no language => distributional approach
* Data
  + Why Scopus
  + Downloading of journal data
  + Scopus subject classification
  + Data cleaning
* Globalization indicators
  + Journal-level indicators
  + Input data – country origin, language, institutional concentration
  + Benchmark of data
  + Distribution employed?
  + Table with indicators
  + Aggregation to country-discipline level
  + Scaling
  + Interpretation of results
* Limitations of methodology
  + Scopus decision-making and representativeness
  + Representativeness across countries
  + Representativeness across disciplines
  + Representativeness across time
  + Globalization caused by growth, globalization caused by internationalization
  + Some other drawbacks
* Results
  + Interpretation of results
  + Description of results output
  + Robustness of results given the chosen indicators – Correlation matrix
  + Results by IMF income level
    - Results in advanced countries
    - Results in transition countries
  + Russia vs. China
  + Results on the map
  + K-Means clusters of countries across disciplines)
* Conclusions
  + Summary of results
  + What to do next