Topics in the Research Literature of Transition Economies and Emerging Markets

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What can researchers do with these resources?

What can we learn for Azerbaijan?

Our method

Results

New ways to make results available
What to do with these resources?

Transition Economy

Emerging market

AZ
What to learn for Azerbaijan?

What are the topics for “transition markets”

Do the topics differ across the two disciplines?

Are there *hot* topics?

What are the topics of research covering the region?

Are these topics aligned with the development agenda?
Our method

Information science:
Topic Models

6000 articles

25 topics
The two-mode network

Our method: topic models

From: David Blei, probabilistic topic models, 2012
Results: selected topics
<table>
<thead>
<tr>
<th>Country</th>
<th>No. of papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Azerbaijan</td>
<td>11</td>
</tr>
<tr>
<td>Armenia</td>
<td>14</td>
</tr>
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<td>4</td>
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<tr>
<td>Turkmenistan</td>
<td>6</td>
</tr>
</tbody>
</table>
Topics on Azerbaijan

**Dominant**
- Political Reform
- Adoption/diffusion
- Energy

**Neglected**
- Social practices
- Innovation
- Supply chain
Topics on Azerbaijan

“AZERBAIJAN 2020: LOOK INTO THE FUTURE”
CONCEPT OF DEVELOPMENT
Azerbaijan Presidential Administration, 2012
New ways to disseminate research

Interactive web application

TManalyzeR
Identify mechanisms of international collaborations by researchers in Azerbaijan map