An exercise in composite indicators construction: Assessing the sustainability of Italian regions.

Methods

An exercise in composite indicators construction: Assessing the sustainability of Italian regions

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Abstract

This paper presents a piece of research aimed at evaluating the relative sustainability of the Italian Regions. After selecting a core set of indicators, for which we referred to the EU Sustainable Development Strategy, we built a composite index and checked for its robustness. As a result we got ‘many numbers’, that is, a range of possible rankings for Italian Regions.

Research Highlights

- We built an index to assess the relative sustainability of the Italian Regions.
- The methodology followed the OECD-JRC guidelines for composite indicators.
- The theoretical framework was based on the EU Sustainable Development Strategy.
checked for robustness of our composite indicator. Thus, we ended up with many rankings conveying the “uncertainty” within composites.

Keywords
Composite indicators; Rankings; Benchmarking; Sustainability; Sensitivity; robustness
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