

Quantitative Methods for Place-Based Innovation Policy

Measuring the Growth Potential of Regions

Edited by Roberta Capello, Professor of Regional and Urban Economics, Politecnico di Milano, Italy, Alexander Kleibrink, European Research Centre for Anti-Corruption and State-Building, Hertie School of Governance, Berlin, Germany and Monika Matusiak, Senior Policy Officer, European Commission, Joint Research Centre, Seville, Spain

Place-based innovation policy design requires an in-depth understanding of territories and their complexity. Traditional statistics, with a lack of publicly available data at the disaggregated (sub-sectoral and regional) level, often do not provide adequate information. Therefore, new methods and approaches are required so that scientists and experts that can inform decision-makers and stakeholders in choosing priorities and directions for their innovation strategies. The book replies to such a need by offering advanced mapping methodologies for innovation policies with a special focus on approaches that take into account place-based policies.

'Building on the experience of the implementation of smart specialisation in EU regions the book discusses mapping tools that may be used for the design of innovation policies. It proposes a broader way of looking at innovation which requires an in-depth understanding of territories and their complexity. The book is a must read for anyone interested in innovation policy at regional level.'

– Donato Iacobucci, Università Politecnica delle Marche, Italy

'The book addresses one of the key difficulties in identification of regional innovation priorities, the data required, and methods to map and turn data into useful information. In the time of data proliferation, the volume provides a thorough review of the landscape of data and analytics needed to monitor and answer the most pressing of questions when designing evidence-based smart specialization strategies. An important and timely resource for policy makers and practitioners, especially when designing the next generation of innovation strategies and fulfilling the enabling conditions set by the European Union.'

– Anwar Aridi, The World Bank, US

'This is a refreshing book on new perspectives for innovation policies. One of the forgotten dimensions in this field has been the significance of regional specificities and territorial constellations for the innovation potential of regions and cities. The novel place-based approach – in relation to a smart specialisation policy – provides a promising scientific signpost for modern spatial innovation policy. This volume contains a great collection of informed, quantitative contributions on place-based innovation strategies.'

– Peter Nijkamp, Tinbergen Institute, Amsterdam

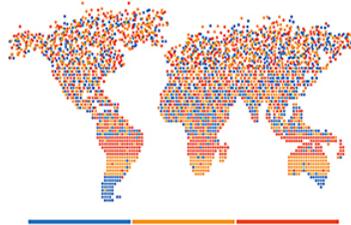
'The volume – presenting contributions by well-known scholars, experts and public officials active in the field of innovation policies – represents a unique source of inspiration and methodologies for the analysis of the multiple dimensions on which the innovation potential of regions lies, and can be operationally discovered and utilised for local development strategies.'

– Roberto Camagni, Politecnico di Milano, Italy

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