

WP3: Regional poverty measurement as a prototype for modern indicator methodology

MAKSWELL project

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Work Package 3 (I)

Motivation

- ▶ Reduction of poverty is one of the top EU priorities
- ▶ More than one third of EU's budget is devoted to cohesion policies

Needs

- ▶ Need for accurate regional indicator values
- ▶ Adequate statistical methodologies have to be applied and further developed

Work Package 3 (II)

Procedure of WP3

- ▶ Derivation of regional poverty measurements as prototype for modern indicator methodologies
- ▶ Comparison of regional measurements between participating countries
- ▶ Focus on poverty measurement and consumer price indices (CPIs)

Aims of WP3

- ▶ Detection of practical constraints
- ▶ Recommendations for transferring the methods to other areas
- ▶ Proposition of the related research agenda

Task T3.1

Aims

- ▶ Development of an adequate statistical methodology for measuring poverty and inequality at regional level (At-Risk-of-Poverty Rate, AROPE indicator)

Procedure

- ▶ Review of methods, their needs, and implementation recommendations
- ▶ Concrete implementation of most relevant methods under different data conditions in different countries

Participants

- ▶ TRIER, UNIPI-DAGUM, ISTAT, DESTATIS, CBS, HCSO

Task T3.2

Aims

- ▶ Estimation of prices for regional baskets based on household expenditure surveys
- ▶ Definition of appropriate quality measures for price indices
- ▶ Exploration of use of big data on prices
- ▶ Comparison of data sources between different countries

Procedure

- ▶ Feasibility study in UK (household expenditure survey)
- ▶ Use of small area estimation techniques

Participants

- ▶ SOTON, UNIPD-DAGUM, ISTAT

Task T3.3

Aims

- ▶ Provision of recommendations for transferring the methodologies to other areas, e.g. estimation of regional price indices

Procedure

- ▶ Synthesis of the results

Participants

- ▶ TRIER, ISTAT, SOTON, UNIPI-DAGUM, CBS, DESTATIS, HCSO

Time Schedule

- ▶ **March 2018**
Detailed work plan
- ▶ **October 2018**
Preparation, future needs
- ▶ **July 2019 (M21)**
Deliverable D3.1
Report on methods and data bases for regional income and household expenditures (T3.1 and T3.2)
- ▶ **March 2020 (M29)**
Deliverable D3.2
Guidelines for best practices implementation for transferring methodology