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Marin Milkovic, Damira Kecek, Khalid Hammes



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DIFFERENTIATION CONTENT ANALYSIS OF SOCIO-ECONOMIC DEVELOPMENT OF REGIONS OF COUNTRY

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ABSTRACT

The article analyzes the content analysis of differentiation of socio-economic development of the regions of the country. The list of indicators that form groups for assessing the socio-economic development of the regions of the country is given. Grouping of indicators-indicators of socio-economic development of the regions of the country. Using the methods of content analysis, we have selected indicators that characterize the socio-economic development of the regions of the country. In accordance with the selected groups of indicators of socio-economic development of regions, the identification of types of regions of the country is proposed. The author's method of differentiation of socio-economic development of the regions of the country is presented. It is established that the study was conducted is the basis for developing recommendations for improving the country's Socio-Economic Development Program for the harmonious development of its regions.

Keywords: *region, differentiation, socio-economic development, public relations, content analysis*

1. INTRODUCTION

Socio-economic development of the regions of the country is one of the most important indicators of the national economic system of the country, which characterizes its dynamic and effective development as a whole. In order to stimulate socio-economic development in a proper and effective way, the country needs to develop a Program of socio-economic development of the regions using all possible tools, measures and mechanisms. There are several factors behind the increased differentiation in the socio-economic development of the country's regions. These include: lack of a systematic approach to the formation and implementation of national policies, lack of use of regional development potentials, imperfection of public administration and regulation, inefficiency of strategies for socio-economic development of the country's regions, etc. All this makes it impossible to create conditions, use tools, take measures and implement mechanisms for balanced socio-economic development of the regions of the country, increase the efficiency of using their potential and effectiveness of the adopted state decisions.

2. METHOD OF RESEARCH OF THE PROCESS OF ASSESSMENT OF SOCIO-ECONOMIC DEVELOPMENT OF REGIONS OF COUNTRY

Given the large number of approaches to the selection of indicators that characterize the socio-economic development of the regions of the country and determine their differentiation, it is advisable to analyze the indicators, identified by leading researchers, economists. The results obtained, namely indicators-indicators, are organized into qualification groups, which greatly

facilitate the selection and reflect the method of formation of differentiation of socio-economic development of the regions of the country. (Table 1)

Table 1: List of indicators that form groups for assessing the socio-economic development of the regions of the country (Balabanova, 2013, p. 52; Gorbatov, 2016, p.46; Mykolaychuk, 2008, p.62)

Indicators	Group
Population, Average life expectancy at birth, Economically active population, Population growth, Number of births, Number of deaths, Migration of population	population and migration
Number of registered unemployed, Duration of registered unemployment, Ratio of number of created and liquidated jobs, Employment of unemployed citizens, Number of full-time employees, Number of workers who were in forced part-time employment, Number of employees, employed on the job, the movement of personnel, the use of workers' working time	employment and unemployment
Average monthly salary of full-time employees, Real wages, Debt arrears, Debt on payment of a single contribution to compulsory state social insurance, Structure of the payroll of full-time employees, Population income	remuneration and social and labor relations
Secondary education, Graduation of secondary schools, Vocational schools, Higher education institutions, Number of students of higher educational establishments, Preschool educational institutions, Cultural and art institutions, Securing of population	education and culture
Number of pensioners, Average pensions, Number of persons with disabilities, Housing security	the social protection
Number of criminal offenses	justice and crime
Number of enterprises, Volume of realized production (goods, services) of enterprises, Financial results of enterprises before tax, Net profit (loss) of enterprises, Share of unprofitable enterprises, Profitability of operating activities of enterprises	activity of enterprises
Capital investment, Housing investment	capital investments
Agricultural production index, Volume of agricultural products	agriculture, forestry and fisheries
Utilization of heat and electricity	energy
Industrial production index, Industrial output, Mining output	industry
Index of construction products, Volume of construction works completed, Total area of residential buildings commissioned	construction
Turnover, Passenger traffic, Density of public roads with hard surface, Density of public tracks, Volume of services provided in the field of telecommunications and mail, Number of Internet users	transport and communication
Number of hotels and other places for temporary accommodation, Children's health and wellness establishments, Number of health resorts and sanatoriums,	tourism
Retail turnover, Wholesale turnover, Cost of fixed assets	entrepreneurship
Exports, Imports, Share of foreign trade turnover in gross regional product	foreign economic activity
Consumer Price Index	consumer prices
Expenditure on R&D, Number of researchers involved in the implementation of research and development, Costs of innovation	science, technology and innovation

According to the regulatory documents that form the methodology for assessing the differentiation of socio-economic development of the regions of the country, the following indicators are defined:

- volume of gross regional product per person;
- volume of industrial products sold per person;
- the volume of gross agricultural output per person (at comparable prices);
- volume of investments in fixed capital for one person;
- volume of construction work performed per person;
- volume of foreign direct investment per person;
- the amount of taxes and fees (compulsory payments) to budgets and state trust funds per person;
- the amount of local budget revenues without transfers (general and special fund) per person;
- volume of export of goods per person;
- the average monthly wage of employees;
- the amount of arrears of wages per employee;
- unemployment rate among the able-bodied population;
- the level of providing housing to the population based on the number of m² of total area per person;
- crime rate per 10,000 population;
- average size of pensions;
- ratio of the number of pensioners to the average number of employees. (Noskova, 2013, p. 206; Storongyanska, 2008, p. 80)

Thus, having conducted a content analysis of the indicators of socio-economic development of the regions, we consider it expedient to include indicators that reach a frequency of not more than 50% for further consideration. Such indicators-indicators characterizing the socio-economic development of the regions of the country were: in alov regional product, population, economically active population, number of births, number of registered unemployed, number of full-time employees, average monthly wage of full-time workers, income of the population, output (goods and services), net income (loss) of companies, capital investment, industrial output, provision of housing, Exports, imports, consumer price index, the cost of innovation. The results of the content analysis can be divided into the groups presented in Fig. 1. According to the peculiarities of the use of correlation-regression analysis, some of the proposed indicators may be removed from the study in order to prevent the phenomenon of multicollinearity (Kulinic 2007, p. 350).

Figure following on the next page

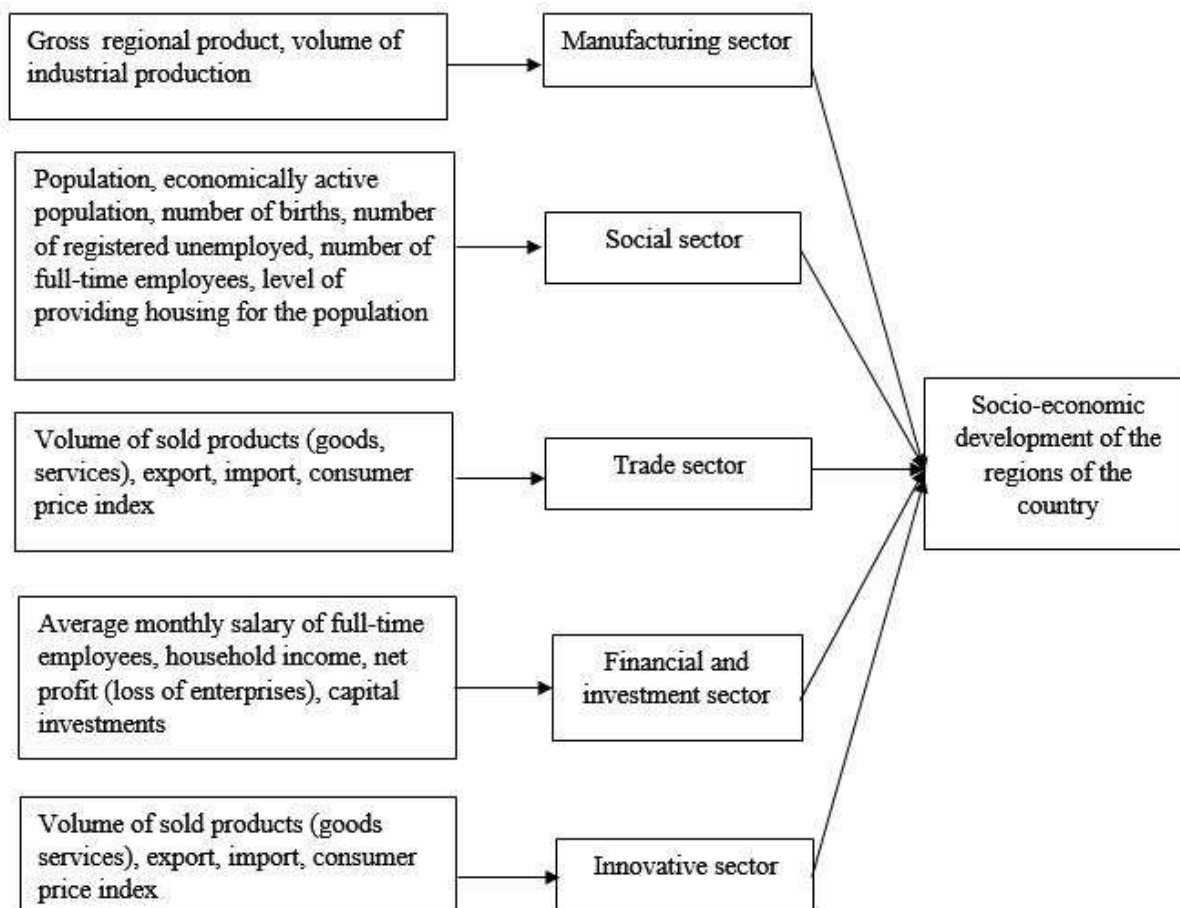


Figure 1: Grouping of indicators of socio-economic development of the regions of the country by the results of content analysis (Balabanova, 2013, p.53; Noskova, 2013, p. 206)

3. DIFFERENTIATION OF SOCIO-ECONOMIC DEVELOPMENT OF REGIONS OF COUNTRY

In accordance with the selected groups of indicators of socio-economic development of regions, it is proposed to identify such types of regions of the country as "production-oriented region", "socially-oriented region", "trade-oriented region", "financial-investment-oriented region", "innovatively oriented". If the multivariate regression equation contains several weighting equivalents belonging to different groups of indicators, such region is identified as "mixed". In Fig. 2. the author's method of differentiation of socio-economic development of the regions of the country is clearly presented.

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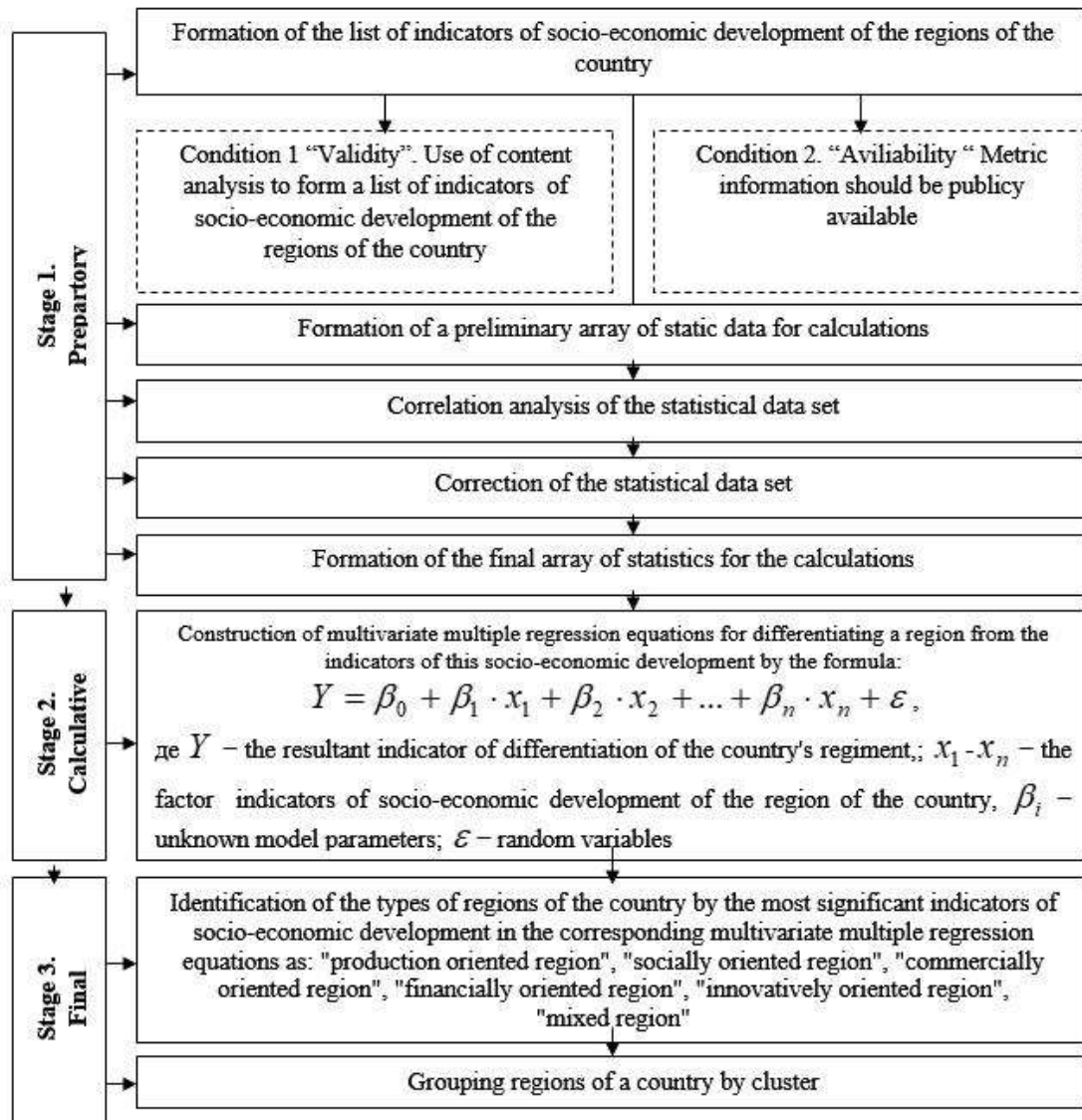


Figure 2: Methods of differentiation of socio-economic development of the regions of the country (Balabanova, 2013, p. 54; Kupira, 2016, p.45; Smentina, 2014, p. 116; Storonyanska, 2008, p.82)

4. CONCLUSION

Comparison of the results of content analysis of the socio-economic development of the regions of the country and the results of the proposed method of differentiation of the socio-economic development of the regions of the country are the basis for the development of recommendations for improving their development programs. The tools, measures and mechanisms developed in the Program of Socio-Economic Development of the Regions of the Country will allow it to be substantially improved for the harmonious development of all regions of the country. Proposed, based on content analysis, the differentiation of socio-economic development of the regions of the country should be applied in the improvement and refinement of regional programs of socio-economic development of the regions of the country in order to ensure:

1. growth of key indicators of socio-economic development of the regions of the country, which have the most significant impact on the national economic system of the country;
2. decrease in indicators of socio-economic development, which have a negative impact on the national economic system of the country.

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