A Method for Calculating the Economic Stability Index of Central Federal District Regions Based on Factor Analysis

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Abstract: This article examines the pressing issue of comparative assessment of the economic stability of Russian regions using the Central Federal District as an example. It substantiates the need to create a single integrated indicator of regional economic stability that takes into account both negative (economic crime) and positive (economic security) indicators. A methodology based on confirmatory factor analysis using statistical data on economic crimes is proposed. The proposed mechanism was tested using data from open statistical sources, resulting in the construction of regional positioning maps by year for the period 2022–2024, as well as an assessment of the dynamics of changes in the integrated economic resilience indicator for the Central Federal District regions.