



Research on the Evaluation of Jiangsu Province's High-Quality Development Level Based on Entropy Weight TOPSIS Method

Xuanyi Li

School of Marketing and Logistics Management, Nanjing University of Finance and Economics, P.R China
Corresponding Author: 1350435132@qq.com

ABSTRACT

This paper constructs an evaluation system for the level of high-quality development of Jiangsu Province based on the entropy weight TOPSIS method, including three index dimensions, namely, 'level of development of industrial structure', 'level of development of ecological environment' and 'level of development of urbanization'. The evaluation system includes three index dimensions: 'industrial structure development level', 'ecological environment development level' and 'urbanization development level'. After standardizing the indicators of different prefecture-level cities, the entropy weighting method is used to calculate the weights of the indicators, and then the TOPSIS method is used for comprehensive evaluation to obtain the comprehensive evaluation index and ranking of the high-quality development of each prefecture-level city. The results show that Suzhou City ranks first in Jiangsu Province in 2021, reflecting its outstanding performance in industrial structure, ecological environment and urbanization. The research in this paper provides reference and guidance for high-quality development in Jiangsu Province and other regions.

Keywords: High-quality development, Entropy weight TOPSIS, Comprehensive evaluation