Socioeconomic Development Index Computation Practices: A Systematic Review

Ganga Prasad Sapkota[1], Ekta Hooda[2]

[1]Research Scholar, Department of Statistics, Om Sterling Global University, Hisar, India

[2]Research Supervisor, Department of Statistics, Om Sterling Global University, Hisar, India

[*]Corresponding mail: gangasapkota3067@gmail.com

ORCID: 0009-0001-1337-5552

Abstract

This systematic review explores the various computational practices used in determining socioeconomic development indices across different nations. Socioeconomic development indices are important metrics for evaluating a nation's progress and identifying areas for improvement. Having a clear understanding of the methodologies used in these computations is crucial for ensuring accurate and dependable assessments.

The main objective of this systematic review is to analyze and synthesize the computational practices used in deriving socioeconomic development indices. By examining a wide range of research articles and online resources, this review aims to identify commonalities and differences in these practices, thereby contributing to a comprehensive understanding of the field.

A rigorous systematic review methodology was employed, including the systematic identification, screening, and selection of relevant research articles and online sources. The inclusion criteria focused on studies that explained the computational methodologies of socioeconomic development indices. Data extraction and synthesis were conducted to identify patterns and trends in the practices that were identified.

The findings of this systematic review reveal a variety of computational practices used in deriving socioeconomic development indices. These practices encompass different statistical techniques, data sources, and weighting schemes, reflecting the diverse approaches taken by different countries and organizations. While indicators related to economic, social, and environmental dimensions are commonly used, the specific variables and their respective weights vary significantly.

Keywords: *dimensions, socioeconomic development index, systematic review*