ScholarOne - Navigating Evolution of the Public's Perceptions on Educational Equity: A Comprehensive Exploration Using Machine Learning Approach

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Abstract

Promoting educational equity, crucial for boosting achievement among diverse students and reducing inequality, remains a persistent issue despite longstanding efforts. This study analyzes Twitter data from 2016 to 2022, exploring changes in public perceptions of educational equity. Tweet frequency concerning key topics first rose, peaked in 2019, and then dwindled by 2022. Despite an overall neutral public sentiment indicating an ambivalent stance, a subjective shift occurred over time. These findings offer meaningful implications and suggestions for stakeholders, including educators, policymakers, and social leaders, underscoring the need for a renewed focus on enhancing educational equity.

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