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Functional dynamics of innovation for inclusive development projects: Event history analysis of the stock visibility system (SVS) in South Africa

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Abstract

Innovation is an essential factor in stimulating economic growth. However, despite the positive effect of innovation, it is often focused on high-income groups, excluding marginalized individuals and groups, possibly worsening inequality as a consequence. In response, the Innovation for Inclusive Development (I4ID) model has been introduced, drawing on the theory of the conventional Innovation Systems (IS) perspective to help the marginalized benefit from innovation. In this article, we use the Event History Analysis (EHA) research method and causal loop diagrams (CLDs) as an analytical approach to explore the dynamics of the Stock Visibility System, which was implemented in 3300 clinics in South Africa. The study's findings present the analysis of the core dynamics and motors of innovation that led to the project's success.