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# The Relationship between Economic Inequality and Social Health: Solutions to Reduce the Gap

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***A R T I C L E I N F O***

**Letter to Editor**

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Economic inequality remains one of the most critical challenges facing global societies, significantly influencing public health, social cohesion, and economic mobility (Chauhan et al., 2022). While many studies have explored this relationship, recent changes in global economic structures, technological developments, and innovative policy models call for a fresh perspective that transcends traditional income redistribution strategies (Khatri & Assefa, 2022). This letter aims to highlight underexamined dimensions of economic inequality and focuses on data-driven, technology-enhanced solutions that are both sustainable and scalable.

## The Connection between Economic Inequality and Social Health

Traditional discussions surrounding economic inequality often focus on disparities in income, access to healthcare, and employment opportunities (Chauhan et al., 2022). However, recent studies reveal that digital inequality and technological exclusion significantly exacerbate social disparities, limiting equitable access to education, remote work, and digital health services (Krammer et al., 2022).

Several key factors influence the relationship between economic inequality and social health:

### 1. Limited Access to Healthcare and Digital Challenges

Beyond affordability issues, underserved communities often lack digital infrastructure, which restricts access to telemedicine platforms, smart health tools, and AI-powered diagnostics (Liao &





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De Maio, 2021). As advancements in digital health and wearable devices grow, marginalized groups risk being further excluded without adequate support (Rossouw & Ross, 2021).

**2. Psychological Stress and Social Isolation**

Economic instability contributes to increased rates of mental health disorders and challenges in social interactions. A 2023 report revealed that underserved regions, with limited access to mental health resources, experience higher rates of anxiety and depression (Tibber et al., 2022). Establishing community-based mental health programs and offering online psychological support systems can serve as practical interventions (Krammer et al., 2022).

**3. Perpetuation of Poverty in Labor Market and Automation Bias**

Automation and AI-driven recruitment systems often optimize processes for employers while reinforcing biases against low-income applicants who lack digital skills (Yao et al., 2022). Proposed solutions include providing AI-based digital literacy training programs to build competitiveness and bridge the digital divide (Krammer et al., 2022).

**Innovative Solutions to Address Economic Inequality and Enhance Social Health**

To address economic inequality and its adverse effects on social health, a combination of traditional policies and advanced technologies is recommended:

**1.Improving Public Healthcare Access with AI Integration**

Governments should adopt predictive AI models and telehealth platforms to connect underserved communities with remote medical consultations and rapid diagnostic tools (Yao et al., 2022). Deploying mobile health units equipped with AI technology can provide essential support to areas lacking healthcare infrastructure (Krammer et al., 2022).

**2.Enhancing Digital Inclusion Through Targeted Skill Development**

Rather than generalized training programs, governments and NGOs can utilize adaptive AI-driven learning platforms to deliver customized digital skill development, creating job opportunities in tech-driven sectors (Liao & De Maio, 2021). Collaboration with leading technology companies can accelerate employment for low-income groups (Khatri & Assefa, 2022).

**3.Optmizing Social Welfare Distribution Through AI Algorithms**

Governments and social organizations can use predictive analytics to ensure timely and equitable distribution of financial aid and social welfare resources (Chauhan et al., 2022; Tibber et al., 2022). Machine-learning models can reduce bureaucratic delays and enhance efficiency in meeting community needs (Krammer et al., 2022).

4.**Promoting Social Cohesion Through Digital Platforms**

Digital ecosystems that host virtual cultural forums, collaborative projects, and immersive educational programs can bridge gaps between socioeconomic groups, fostering engagement and mutual understanding (Liao & De Maio, 2021; Tibber et al., 2022).

**5.Leveraging Blockchain Technology for Financial Empowerment**

Blockchain-based microloans can offer secure access to capital for low-income entrepreneurs, enabling them to overcome barriers in traditional banking systems (Khatri & Assefa, 2022). These decentralized finance (DeFi) models provide independence and economic mobility for marginalized populations (Yao et al., 2022).

Addressing economic inequality requires multifaceted approaches that incorporate technological advancements alongside conventional frameworks. While redistribution policies and expanded healthcare remain essential, integrating AI-based healthcare models, skill development platforms, decentralized financial systems, and digital community-building initiatives promise scalable and equitable outcomes. This letter emphasizes the urgency of utilizing modern technologies to ensure inclusive health and economic opportunities for all.



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