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Review

Income Inequality and Economic Growth: A Critical Review

Shaifali Garg[1], Udaybhan Yadav[2], SaiKoteswar Sarma[3], Rahul Kailas Bharati[4] Syed Jahangir Badashah[5], Shafiulla Basha Shaik*[6]

[1]*Associate Professor, Amity University, Madhya Pradesh 464005*

[2]*I/C Head, Department of Botany, Thakur Shyamnarayan Degree College, 90 feet Road Kandivali East Mumbai Maharashtra 400101*

[3]*Professor & HOD of Department of Pharmacognosy, Sri Padmavathi School of Pharmacy, Tirupati, affiliated to JNTUA, A.P*

[4]*Head and Assistant Professor in Law, Government Institute of Forensic Science, Chhatrapati Sambhajinagar, Maharashtra-431004*

[5]*Professor, Sreenidhi Institute of Science and Technology*

[6]*Associate Professor, YSR Engineering College of Yogi Vemana University*

Corresponding Author:
Dr. Shafiulla Basha Shaik

***Email:** shafiulla@gmail.com*

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Abstract:
Income inequality and economic growth has faced considerable discussion amongst the scholars in political economics literature. On one hand, it has been argued that income inequality stimulates economic growth through incentives to invest and create new businesses, on the other, the access to education, health and financial services are limited by inequality. This paper therefore aims to provide an overview of how current literature has attempted to answer the question on whether there is a relationship between income inequality and economic growth. This paper identifies factors that affect this relationship such as level of capital, human development, and institutions. Thirdly, the paper aims at identifying and establishing the ways the policy interventions can reduce the negative impacts of the income distributions on the growth of the economy. Studies show that the role of income inequality in growth rates also depends on some factors of economic development in countries. Future is needed in the form of policy that plays role in finding out the difference between level efficient and equitable.

Keywords: Income inequality, economic growth, capital accumulation, human development, policy interventions, institutional factor

1. Introduction

It is a well-documented fact that there is no consensus among scholars and policymakers on the link existing between income disparity and growth. In line with the classical school of thoughts, there should be some level of wage disparity so that people are motivated to work harder and invest to foster growth in the economy (1). However, there are other views that state that high income inequality is not healthy for the economy as it does not foster social mobility, forms little human capital and consumer demand (3). The controversies about the effect of income income distribution on growth and development led to several research on inequality effect on economic growth that aimed at estimating the effect measurably (6). There are those who assert that they hold the view that income distribution depends on development and over the course of development, it attains an inverted U-shape, showing what is quite famous as Kuznets' hypothesis. Some other people point out the effects of institutions, education and social policies in this regard (10). Thus, the aim of this paper is to critically evaluate the concepts and evidence of literature associated with income inequality and economic growth by focusing on theoretical perspectives as well as empirical analysis. It also discusses the position of policy from a context of lessening the income discrepancies and promoting widespread development.

2. Theoretical Perspectives on Income Inequality and Economic Growth

There has been a lot of discussion on the link between income disparity and economic development where the theories suggest differing information. One side of the debate claims that together with investment and entrepreneurship, growth, and development of income inequality beneficially influence economic growth while the other side describes the negative effects of income gap, including limited opportunities to education, low social mobility, and instability of an economy. These views are important in aiming at crafting measures that would promote efficiency in the utilization of resources and the increased well-being of all the people in society [1]. The Kuznets Curve hypothesis is one of the most argued and discussed theories in this context which was put forward by Simon Kuznets. This hypothesis basically holds that the inequality of income increases as an economy develops and defaults to its initial stage as the economy progresses. In the initial stages of industrialization, economic development results into higher intensity of inequality because structural transformation favours capital ownership among the prosperous classes. In the long-run economic maturity acts to reduce disparities because of enhancements in the extension of social policies, education, and incomes distributional machinery [2]. The facts about Kuznets hypothesis has been found true in many countries, which reveal that initial growth in a country led to increase in inequality in income and after some policy changes and structural shift affected the better distribution of income [3]. Despite such findings which show that this pattern is correlated to the level of performance, current research shows that this pattern is not unique. Writing research In many developed economies, the levels of income inequality seem to have stabilized and even increased further in some occasions despite the fact that economic growth has faced minimal disruptions in such economies [4]. Criticisms of the above theory include the followings; an increase in the differential rate of economic growth, global economy changes such as globalization, technological change and the financial market has led to increased income inequalities [5]

In contrast to what the Kuznets hypothesis portrays, new growth theories postulate that the levels of income disparity and growth are determinable by many economic conditions, policy frameworks as well as institutional factors [6]. Super's two theories described here also depict two different views. The first one held that income inequality might be a tool of a positive impact on growth as people with higher income have higher saving propensity and ability to invest in productive uses like business, innovation, and development of facilities etc [7]. Further, in this topic, some economists also claimed that income inequality motivates people to increase efforts, create new technologies, and take more risks of businesses, resulting in economic growth [8]. However, the other side of the medal argues that high levels of income inequality direct negatively affect growth since the poor have little or no access to education, health, or credit. This leads to low human capital development, low productivity and weak consumer demand which slows the rate of expansion [9]. High levels of income inequality are thus likely to be linked with more turmoil in the political systems, social strife, and a relative degradation in governance index that reduce investors' incentive and consequently limits future growth [10].

3. Empirical Evidence on Income Inequality and Economic Growth

Scholars' tries to establish the correlation between the income difference and economic development for the most part have also proved inconclusive. Cognitive thesis data reveal that high income inequality can slow down the economic growth since the low income groups have a restricted access to the factors of production hence has a low investment in the human capital and the level of productivity is also low [16]. When a large part of the population can not afford to get an education or improve their skills, there is a decrease in changes in property rights and other attributes that together have negative effects increasing inefficiency in the labor market and in rates of technological progress. It is also said that increasing inequity degrades the social and political environment leading to lack of confidence of investors within the domestic and foreign market thus limiting economic growth [17]. Deep pockets of inequality in any given country foster incidences of crime, social unrest, and weaker institution hence a unfavourable atmosphere for business growth and development [18]. But in other research works, income inequality is considered to boost the economic growth especially when the economy is in the development stage. In some developing countries, for instance, there has been desirable high concentration of incomes among the wealthy persons to increase savings rates, relax capital accumulation and push for industrialization and infrastructure development [19]. As for income distribution of this type, it can be intense driving force of the economic Growth because the capital accumulation in the hands of investors stimulates the growth of businesses and technological progress. Nevertheless, this is much like Loria's view wherein, although income disparity does foster investment and industrial growth in the beginning, they have negative consequences later on. This lead links income inequality with the reduced access to status economic opportunities, reserves the growth to some people and, in effect, restrict postNumerous results interesting [8] [20].

A comparison between developed and the developing economics as a measure to explain the role of income disparity on growth also progresses this assertion. High income inequality in the developed country leads to poor growth due to low consumer consumption, poor social mobility and high reliance on public assistance. High levels of inequalities mean that the consumption demand is lower meaning that, the economy grows slowly and does not create as many jobs as they should [11]. It is also important to note that income inequality in the advanced economies is higher, and this increases political radicalization of the populace and policy discord, which, in turn, leads to policy failure and economic fluctuations [12]. On the same note, in developing countries, moderate income disparity is likely to promote economic development since capitalists retain high amounts of funds for investment on industrialization [13]. However, when inequality continues, it becomes a temporary solution to development since people from the lower stratum are locked out of education, health, and employment, among other fundamentals that would lead to a constriction in the economy in the long run [14].

4. Policy Interventions to Address Income Inequality and Promote Growth

There is no way the authorities can address the problem of income disparity without jeopardizing economic development; therefore, it is possible to use the following measures: redistribution of income, improvement of the education and health care systems, and institutional changes. Various governments make use of progressive taxation, carrying out welfare programs and minimum wages in order to bridge the income gap and ensure adequate growth [15]. It is one of the ways through which the government provides equal rates of taxation in which individuals with higher income levels pay higher taxes to cater for the developmental needs of the country such as education, health, and other infrastructural needs. Nevertheless, high taxation can decrease the level of investment and employment, and thus may have negative impact on the growth of economy. However, if provided in an efficient manner social welfare programs can bring decrease in poverty level as well as increase in mobility in the economic level [16].

Education and healthcare can be considered as one of the successful strategies for reducing income disparity while also increasing the economic development [17]. Education increases the likelihood of children attaining improved staffing odds the future, so increased education access for impoverished communities increases job opportunities for better-paying positions over the duration. Also, management, and universal health are achieved through competent health facilities; this in turn boosts employment, labor productivity, and employment rates, making a positive impact on the economy. In countries that emphasize human capital formation, there is a higher capacity for increased innovation and other aspects of the market as well as better economic growth [18].

Table 1: Summary of Key Aspects of Income Inequality and Economic Growth

Theme	Key Insights	Supporting References
Kuznets Curve Hypothesis	Suggests an inverted U-shaped relationship where inequality initially rises with economic development but later declines as economies mature. Empirical evidence is mixed, with some countries experiencing persistent inequality despite growth.	[2], [3], [4], [5]
New Growth Theories	Income inequality can either promote or hinder growth depending on institutional quality and economic policies. High savings among the	[6], [7], [8], [9]

	wealthy may increase investment, but excessive inequality can reduce human capital development and weaken social stability.	
Role of Institutions	Strong institutions mitigate the negative effects of inequality by ensuring equal access to education, healthcare, and economic opportunities, whereas weak institutions worsen income disparities.	[11], [12], [13], [14]
Human Capital and Productivity	Higher levels of education and healthcare improve workforce productivity, drive innovation, and reduce long-term inequality. Lack of access to these resources creates structural barriers to growth.	[10], [15], [16], [17]
Cross-Country Evidence	In developed economies, inequality leads to lower demand and slower growth. In some developing countries, initial inequality has driven investment, but persistent inequality limits inclusive development.	[11], [12], [13], [14]
Political and Social Stability	High inequality is associated with social unrest, political instability, and weaker governance, deterring investment and long-term economic expansion.	[9], [10], [17], [18]
Redistributive Policies	Progressive taxation and social welfare programs help reduce inequality but must be balanced to avoid discouraging investment and labor participation.	[15], [16], [19], [20]
Investment in Education & Healthcare	Expanding access to quality education and healthcare improves social mobility, enhances workforce capabilities, and drives sustainable economic growth.	[10], [17], [18], [19]
Impact of Financial Inclusion	Equal access to credit and financial services fosters entrepreneurship, improves economic mobility, and promotes long-term growth.	[12], [14], [16], [20]
Institutional Reforms	Transparent governance, fair labor laws, and anti-corruption measures strengthen economic stability and reduce income disparities.	[11], [13], [18], [19]

5. Conclusion

Such an assertion underscores that the link between income disparity and economic growth is relative and depends on circumstance. Despite the fact that certain levels of inequality encourage investment and economic development, excessive levels are likely to hamper development due to limited educational facilities or funds to access them, inadequate health care facilities, and limited access to finances. This paper looks at various theories like the Kuznets Curve, new growth theories and institutional theories with respect to this shifting relationship. Based on the literature of the world, the overall relationship between income inequality and economic growth turned out not to be universally negative or positive, that is, it was not stable and consistent across all countries and at all stages of development. Interventions such as progressive taxation, free or affordable education and health care, and therefore strengthening of institutions can help towards achieving the twin goals of growth efficiency and equity. It is suggested to move to the qualitative analysis to the concrete country cases in order to define the specific policy recommendations for sound economic growth. Eliminating poverty still remains a key agenda in development that politicians who wish to achieve sustainable economic growth and development must strive to address.

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