

Economic Systems and Income Inequality in the Nigerian Economy: A Comprehensive Analysis

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ABSTRACT

This study examines economic system and income inequality in the Nigerian economy using mix methods research design comprising theoretical, empirical and descriptive analysis. The Nigerian economy adopts a mixed form of economy and studies on income inequality and distribution are mixed. It is observed that no single theory describes income inequality as a result of the nature of the concept. Empirical evidence equally shows divergence of opinions in the various studies of income inequality. While Gini coefficient indicates that income inequality has been on the increase in Nigeria in the years under consideration, income share held by lowest 20 percent slightly increased between 2015 and 2018 possibly associated with higher GDP growth. These divergent results equally affect income distribution outcomes in Nigeria. Target one of Goal 10 of the sustainable development goals is the reduction of inequality to be achieved in 2030. The study recommends that for developing economies such as Nigeria, a feasible theory of income distribution should go beyond the narrow determinants of growth and recognize the importance of history and institutions in a holistic model of political economy and the existence of various sociological conditions constraining mobility (location, cost, religion, age, conventions and rules). Additionally, a comprehensive strategy within a consistent political framework is required. There is also need to socialize the nation's productivity in all major or strategic sectors as democracy is continually enthroned in the country.

INTRODUCTION

The study of development has undergone several perspectives in economic history. Before the dominance of neoclassical economics, the study of development emphasized income distribution. According to Aboyade (1983) this was neglected due to the resurgence of classical thought throughout the 1950s and 1960s but accentuate on increasing the gross domestic production of the underdeveloped economies. Nevertheless from the 1970s, it was observed that the strain on the development process was from the neglect of distributional aspects of income growth. This is because, misdistribution of income and wealth had not only impede the mechanism of the production system but also threaten social and political instability.

One of the essential features of an economic system is the distributive system where way resources and proceeds are allocated to different strata in the country in form of income or based on needs but oftentimes, this is not translated in the desired direction and thus broadens inequality in society. This situation had long been seen as a fundamental issue both in economic theory and policy in terms of income and its distribution.

Similarly, Smith (1776) argues that no society can flourish and happy if greater part of the population is poor and miserable. Additionally, Todaro and Smith (2015) quoted Pope John Paul that a society that is not socially just and does not intend to be puts its own future in danger. Osinowo, Sanusi and Tolorunji (2019), assert that one of the greatest global challenges is the achievement of equality in the distribution of income as a development objective. Sharma, Inhauste and Feng (2011) contend that income inequality has become one of the greatest challenges of modern society and have received considerable attention due to the increasing income inequality in advanced, emerging and developing countries. Inequality in income has an in-built self-propagating system as poverty begets poverty (Aboyade, 1983).

Additionally, several theories have also been formulated in the analysis of income distribution but none of these theories is neither feasible nor, for practical policy guidance, necessary. Part of the problem of evolving a viable theory have to do with the nature of the subject matter of income distribution and it would be futile to search for a theory which would at once explain distribution of income in developing countries. In the same vein, the growth in empirical data and the improvement in measurement techniques of the past decades have not been accompanied by significant progress in erecting an adequate theory of income distribution. The conviction that the neo-classical paradigm of development could take care of the theoretical question by marginal productivity analysis, in the belief that income distribution would automatically take care of itself as the fruits of development trickle downwards was part of the problem (Aboyade, 1983).

However, there is general consensus about the pattern of income distribution in different economic systems and development levels. Aboyade, (1983) assert that in socialist countries, low degrees of income inequality exist, but in capitalist economies inequality is less juxtaposed with the underdeveloped mixed economies. Nigeria has a mixed structure around capitalism and the government intervenes in the economy. Zitelmann (2023), states that capitalism remains the answer to the world's problems and not responsible for human inequality, global poverty and other vices in the world. On the other hand Vanek (1971) notes that the working of the capitalism will lead to a more unequal distribution of wealth and income than any other system.

Nigeria is gripped in income disparities in spite of the fact that the country is one of the highest producers of crude oil in Africa (Ikelegbe, 2013). In the 2023 crony-capitalism index, Nigeria is ranked out of 42 countries (The Economist, 2023). Similarly, according to Global World Report (2021), wealth inequality is on the increase in Nigeria with a Gini coefficient for wealth of 85.5 in the period 2000-2020. According to the report, the richest 1 percent of Nigerians own 28.3 percent of the total wealth in the year 2000 and increased to 44.2 percent in 2020.

Additionally, World Bank (2023) states that inequality, in terms of income and opportunities, remains high in Nigeria. Nigeria has an income inequality of 1 to 14 for the top ten to the bottom 50 percent of the population and 1 to 37 for the top 1 percent (Uduu, 2023). The combined wealth of Nigeria's five richest men could end extreme poverty at a national level (Oxfam International). Izuaka (2023) assert that three Nigerians wealthier than 83 million others.

In Nigeria's development planning, improving income distribution among people and regions, just and egalitarian society; more even distribution of income; and more even distribution of income among individuals and socio-economic groups were highlighted as key objectives in the First to the Fourth National Development Plans with relevant policies to achieve these objectives. In the same vein, subsequent governments have adopted several policies and programme to reduce the disparity between different sub groups over time but this becomes widened in the economy over time. These include Operation Feed the Nation, Free and Compulsory Primary Education, Green Revolution, Low-Cost Housing Scheme, Agricultural Credit Guarantee Scheme, Family Support Programme, Conditional Cash Transfer Programmes, N-Power, Tradermon, among others. However, despite various strategies that have been employed to solve the problem, income inequality persists.

Target one of Goal 10 of the sustainable development goals is the reduction of inequality to be achieved in 2030. However, the statistics are worrisome despite the efforts made by several governments to reduce income inequality in Nigeria. In recent years, debates in capitalist economies have been dominated by two issues: the rise of economic inequality and the scale of government intervention to address it (Uzoehina (2020). This study thus examines the effect of the economic system on income inequality and distribution in the Nigeria economy.

LITERATURE REVIEW

An economy according to Lipsey (1983) refers to any specified collection of interrelated set of marketed and non-marketed productive activities. Economic systems emerge as an attempt to solve the basic economic problems of society such as what to produce, how to produce and for whom to produce goods and services. Gregory and Stuart (2013) observe that an economic system possesses certain attributes such as method of control over production factors, decision making, coordination, incentives, organizational form, a distributive system and a public choice mechanism for law-making, establishing rules, norms and standards. Economic system is the organized way in which a state or nation allocates its resources and distribute goods and services in the national community.

Capitalism, according to Pettinger (2023) is a society where capital is privately owned, and workers are paid by private firms. Essentially it is a society with minimal government intervention in several sectors to regulate the economy and resources are distributed according to the outcome of free markets. According to the study, inequality persists in capitalist economies as a result of profit motive, work incentive, monopoly power, and inheritance. Crony-capitalism is a system based on the close relationships between the state and business people, where companies flourish not necessarily because of free enterprise but because of connections with government officials (Bailey, 2023)

Income inequality refers to the inequitable distribution of income among the members of a particular group, an economy or society (Sharma, et al, 2011). Income distribution is a social goal in development planning. However, the measurement of social phenomena is difficult and the resulting figures imperfect. Social goals are not only slippery concepts to work with but they much harder to achieve especially goals which involve changing the social structure (Griffin and Eno, 1970). There is widespread consensus that inequality tends to increase in the course of economic development (Szirmai, 2005).

Theoretical literature on income inequality and distribution is mixed. For instance, most economic theories of backwardness emphasize the positive economic functions of inequality, in line with Keynesian economic theories (Szirmai, 2005). As the poor consume most of their incomes, while rich people can save part of their income, increasing inequality will increase aggregate savings (Thirwall, 1997). According to Szirmai (2005), higher savings contribute to growth of per capita incomes, and, in the longer run, to a reduction of poverty. As income per capita increase, the bargaining power of the poorer sections of the population will increase and income inequality will start to decline.

Similarly, Aboyade (1983) posit that Keynesian economics advocated corrective mechanisms through fiscal and monetary adjustments designed to redistribute income at the margin from the rich to the poor and raise the threshold of poverty. However, the Keynesian economists could not resolve the theoretical questions on income distribution nor succeeded in having a fundamental effect on policy.

Additionally, works of liberal economists provided new approach to the problems of income distribution in developing countries under the guise of basic needs, direct attack of poverty, shadow pricing, rural development, investment restructuring mass education, food and nutrition subsidies, with more sophisticated models. According to Aboyade (1983), even at their very best and most fundamental in addressing social relations, most of these policy models were little more than what might be called incremental Marxism.

Similarly, radical and underdevelopment theorists agree that income inequality is increasing, but evaluate this much more negatively. They do not believe that income inequality will necessarily lead to higher savings and more growth. They even argue that a contribution of increasing average incomes and increasing inequality can lead to impoverishment of the bottom 40 per cent of the population.

The social exclusion theory popularized in the 1960s and stems from the fact that income inequality could be as a result of social exclusion which exacerbates poverty (Ibrahim and Taiga, 2020). The focus of the theory is that poverty is the outcome of cumulative disadvantage where a comfortable minority co-exists with a disadvantaged majority from socio-economic opportunities in the society. Hillary (1994) examines the relationship between social exclusion and policies to promote social inclusion. The study argues that exclusion is a dynamic historical process while at the same time a stationary condition of being socially excluded. Similarly, Townsend (1979) found that when resources are unequally distributed people feel excluded from ordinary living activities of society.

Additionally, the conservative doctrine is based on the premise of natural law. This doctrine states that men are endowed with different talents and attributes; and even if all men are economically equal at a given point in time, they will most likely to remain so for long, as the natural differences begin to show in their relative performance. Furthermore, Spencer's theory of Social Darwinism (1896) is used to justify why people are poor. According to the theory, the individual deserves to be poor and so he is poor. Similarly, Gans (1995) maintain that factors that fuel poverty include individual attitude, human capital, and welfare participation. The individualistic theory of poverty is rooted in American values and belief in the free market system which emphasize on talents, virtue and hard work as factors that leads to success. The theory further asserts that poverty is a large and multi-facet set of explanations that focus on the individual as responsible for their poverty.

Keynes (1919) asserts that strong capital accumulation which took place in the advanced economies would have been impossible if income and wealth had been shared equally. Similarly, Hegel (1821) established an ethical basis to defend and propagate income inequality. The study assert that a governing class, in a hierarchical social structure and imbued with pervasive hereditary features is essential for public good. Good governing ability should also be nurtured from childhood through special privileged education and an inculcated sense of traditional obligation. This was a self-serving argument in defense of economic privilege and political power as there was nothing in the structure of the ethical defense of inequality to guarantee the rich to expend their wealth on themselves rather than serve the social-good-welfare objective (Aboyade, 1983).

Similarly, a great deal in the construction of a feasible theory of income distribution is the way the issue is being conceptualized- in terms of factor shares and a supplementary element in the quest for an optimal growth path. Personal income distribution concerns the shares of the national income which go to the individual members of the society while functional distribution concerns the shares of the national income which are imputed to the factors of production according to their relative scarcities. Personal and functional distributions are closely related in capitalism because the factors of production are privately owned, with government ownership being an exception from the rule. Thus, there exists the

possibility of differences in personal income distribution owing to greater scarcity of one kind of labour compared with another even if private property in the material factors of production were abolished (Halm, 1960).

Kuznets (1955) theory captures the nexus between income inequality and per capita income. The Kuznets inverted 'U' hypothesis predicts that the Gini Coefficient should first be positively correlated with per capita income growth or economic development, and consequently, after the economy has reached the peak of the curve, an inverse relationship between the two variables should be observed. Kuznets argues that income inequality will tend to increase in the course of industrialization but tends to decrease as societies become more prosperous and more modern.

Additionally, several studies have also studied income inequality with regard to factors responsible for an observed pattern and the effect on economic growth (Alayande, 2013; Vo, Nguyen, Tran and Vo (2019). Gallie, Paugam, and Jacobs (2003) affirm that poverty is associated to unemployment and level of income. Todaro and Smith (2015) assert that for many countries there is no particular tendency for inequality to change much at all in the process of economic development as it is rather a stable part of a country's socio-economic makeup, altered significantly only as a result of a substantial disturbance. Vanek (1971), states that expansion of new and productive sector following the industrial revolution was a positive aspect of early capitalism that required a considerable degree of capital formation. The study, further contend that this generates unequal distribution of income that favours the capitalist and entrepreneurial classes.

Ake (1981) in analyzing the contradictions inherent in a capitalist system opines that the monopoly power of the capitalist class allowed passing on an inordinate burden to the peasant. This, according to the study was achieved by the peasants paying for the prosperity of the capitalist in the form of expropriation of surplus value from him, paying for the infrastructures which aided capitalist accumulation, paying to support the administrative system which legislated his oppression. The expression of class character also showed that while the Europeans lived in opulence in houses with facilities and airy spaces, the Africans lived in crowded slums served by no amenities. Ranaldi and Milanaovic (2022) assert that class-based societies where people at the top of income distribution receive most of their income from property would be also societies of high inter-personal inequality.

In his study, Ekpe (2011) asserts that Nigeria's economy is structured in the pattern of North America and Western European countries and the foundation of capitalist system was laid even before the period of Atlantic Slave Trade and was inserted into the epicenter of world capitalism during the period of colonialism; however, the application of capitalist policies and strategies in Nigeria has not been able to alleviate poverty in Nigeria. Zwingina (1992) opines that Nigeria's capitalist do not organize labour, capital, raw materials, and energy to produce for the market, but engaged in middle-men activities.

Similarly, Lucky and Achebelema (2018) examines inequality and poverty using Gini coefficient and found that a significant number of Nigerians are living below the poverty line, proxied by dollar per day and there is income gap between the rich and the poor in Nigeria. Brown and Ogbonna (2018) adopted Error Correction Model [ECM] to examine income inequality and poverty in Nigeria and found that national poverty index increased inequality though not significant. Ibrahim and Taiga (2018) in their study adopted Autoregressive Distributed Lag [ARDL] to investigate the impact of income inequality on poverty. The results reveal that income inequality contributes to the incidence of poverty in Nigeria

Okpe and Abu (2009), notes that inequality continues to widen among the people of Nigeria with a rising poverty incidence. Oxfam (2019) ranked Nigeria 45 out of 45 countries in tackling inequality, positioning Nigeria at the bottom in African ranking and therefore undermining the possibility of Nigeria achieving the Sustainable Development Goal 10 [SDG] of closing income inequality gap in 2030. The fundamental reason why most government strategies and programmes have not been able to alleviate poverty is rooted in the capitalist economic system which Nigeria adopted (Ekpe, 2011). Todaro and Smith (2015) explained this problem as a result of dominance, dependence and vulnerability of the economies of developing countries. Aboyade, (1983), states that in most societies, an increasing socially conscious world, certain institutions and values are themselves in jeopardy when income inequality exceeds politically to tolerable levels as it leads to economic depression and economic instability in advanced economies and misdistribution of income in developing economies is now accepted as likely to raise doubts about continued viability of the capitalist system.

METHODOLOGY

This study adopts mix methods research design comprising theoretical, empirical and descriptive analysis to examine economic system and income inequality in the Nigerian economy. It is a procedure whereby the collection and analysis and mixing both quantitative and qualitative research and methods in a single study to understand a research problem better.

(Firschler, nd). It is aimed at incorporating a qualitative component into an otherwise quantitative study (Creswell, 2012). This method was necessitated due to the fact that the concepts of income inequality had been viewed in different perspective with no clear consensus. Descriptive analysis again was used to investigate Gini coefficient to analyze income differentials in the Nigerian economy. The theoretical and empirical analysis has been carried out in the appropriate section under literature review.

DISCUSSION

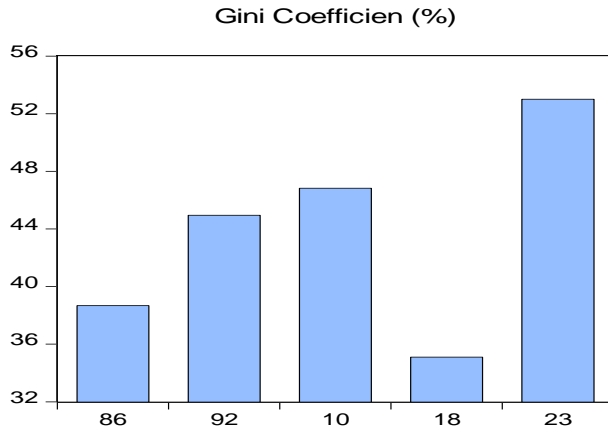
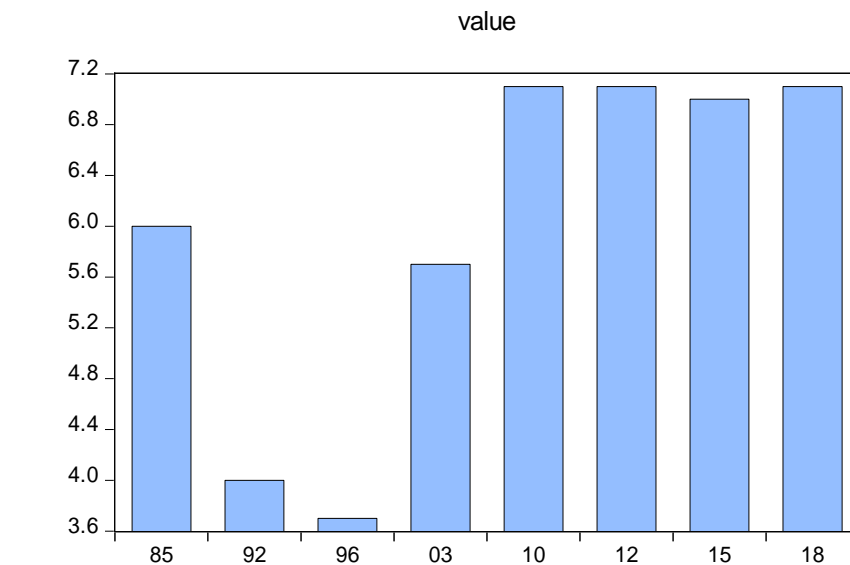


Figure 1; Gini coefficient (%) of Nigeria in selected years

Figure 1 shows gini coefficient in selected years of Nigeria. The vertical line shows percent of gini coefficient while the horizontal line shows the years under consideration. The gini coefficient used to capture income inequality, which stood at 38.68 percent in 1986, rose to 44.95 percent in 1992, worsened to 46.83 percent in 2010, shows that the gap between the haves and have nots has continued to widen. In recent years, the gini coefficient has declined to 35.1 in 2018 and has risen to above 52 percent. This decline is possibly a result of higher tax rate in terms of revenues as a share of GDP. In Nigeria inequality is due to ill-use, misallocation and misappropriation of abundant resources. Some of key factors behind the increase in within-country inequality noted in the literature include technological progress, globalization, commodity price cycles, and domestic economic policies such as redistributive income policies, labour and product market policies and largely development of economic structure.



Source: authors' computation from Knoeman.com 24/09/23

Fig 2: Income share held by lowest 20 percent

Fig 2 shows income share held by lowest 20 percent. The vertical line shows percent of income share held by lowest 20 percent while the horizontal line shows the years under consideration. It is the percentage share of income or consumption is the share that accrues to subgroups of population indicated by deciles or quintiles. Nigeria income share held by lowest 20 percent was at 7.1 percent in 2018, up from 7 percent in 2015. It implies an increase in the income share of the bottom 20 percent (poor) is possibly associated with higher GDP growth.

CONCLUSION AND RECOMMENDATIONS

This study examines economic system and income inequality in the Nigerian economy using mixed methods research design. Both theoretical and empirical literature shows divergence of results, indicating the complex nature of income inequality. The gini for selected years show decline in values indicating widening of the gap between the poor and the rich. In the same vein, the percentage share of income increased due to increase in GDP. Target one of Goal 10 of the sustainable development goals is the reduction of inequality to be achieved in 2030. This study recommends that for developing economies such as Nigeria, a feasible theory of income distribution should go beyond the narrow determinants of growth and recognize the importance of history and institutions in a holistic model of political economy; the importance of disproportionate property ownership as basis for economic and political power, the incidence of inter-generational transfer through inheritance and wealth and opportunity for skills acquisition, the influence of differential demographic characteristics in different social group, and the existence of various sociological conditions constraining mobility (location, cost, religion, age, conventions and rules).

Additionally, a comprehensive strategy within a consistent political framework would therefore seem to be called for. Subsidization of social investment such as education and health with adequate utilization of returns to achieve higher social benefits is necessary. Secondly, an articulated income policy around a system of social contract is necessary so as to work out guidelines on how to achieve increased productivity and how the fruits there from are to be shared among the different interest groups such as labour unions and the need to moderate inflationary trends. Additionally, consistent engagement between labour unions and employers of labour that enhances the probability that any given individual or household would become closer to the mean income as national development proceeds. The need to socialize the nation's productivity in all major or strategic sectors as democracy is continually enthroned in the country

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