INCOME AND HOUSEHOLD WELFARE IN UGANDA

BY

YAPYEKO MINNA

BU/UP/2019/1710

A DISSERTATION SUBMITTED TO THE DEPARTMENT OF ECONOMICS IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF A DEGREE OF BACHELOR OF SCIENCE EDUCATION OF BUSITEMA UNIVERSITY

APRIL, 2023

DECLARATION

This thesis contains my original work and has not been presented by any other Person.

Signature. Malia

Date 21st April 2023

YAPYEKO MINNA

BU/UP/2019/1710

APPROVAL

This is to certify that this research work entitled "Income Inequality And Household Welfare In Uganda" has been under my supervision and is now ready for submission with my approval.

AB

Signature:

Date: 21st April 2023

Mr. Watema Joash

SUPERVISOR

DECLARATIONii
APPROVALiii
DEDICATIONvi
ACKNOWLEDGEMENT vii
ABSTRACT1
CHAPTER ONE
INTRODUCTION
1.1. Background
1.2. Problem statement
1.3. Objectives of the study
1.3.1. General Objective
1.3.2. Specific objectives
1.4. Research Questions
1.5. Significance of the study
1.6. Scope of the study
CHAPTER TWO 10
LITERATURE REVIEW
2.1. Introduction
2.2 Conceptual Literature
2.2.1 The concept of household welfare
2.2.2 The concept of Income
2.3 Theoretical review 12
2.4 Empirical literature
2.4.1 Household Demographic Characteristics and welfare

Table of Contents

2.4.2 Farm Income on Household Welfare	. 14
CHAPTER THREE	. 18
METHODOLOGY	. 18
3.1 Introduction	. 18
3.2 Research Design	. 18
3.3 Study Area	. 18
3.4 Data and Data Source	. 18
3.7 Population size and Sex composition	. 19
3.8. Model specification	. 20
CHAPTER FOUR	. 22
DATA ANALYSIS PRESENTATION AND INTERPRETATION	. 22
4.1 introduction	. 22
4.5 Farm income on household welfare	. 27
CHAPTER FIVE	. 30
SUMMARY OF FINDINGS, CONCULSIONS AND RECOMMENDATIONS	. 30
5.1 Introduction	. 30
5.2 summary of Findings	. 30
5.2.1 Influence of Demographic characteristics	. 30
5.3 Discussion of the findings	. 31
5.3.1 Household Demographic characteristics	. 31
5.4 Conclusions	. 32
5.5 Recommendations	. 32
5.5.1 Recommendations for Management action	. 32
5.5.2 Recommendations for further Studies	. 33
REFERENCES	. 34

DEDICATION

This thesis is dedicated to my sister CHELAN GAT JEZIRA who has always encouraged and supported me throughout my studies. It is also dedicated to my late mother MWASIMU ASADI and my father MWANGA ASADI, who sacrificed their comfort to educate and teach me the value of education.

ACKNOWLEDGEMENT

Sincere gratitude is extended to the following for their dedication and increasing support until the proposal was fully structured. First and foremost, I would like to thank my supervisor, Dr. WATEMA JOASH, who tirelessly guided me throughout my research from the conceptualization of the research project, its execution and write up of the thesis. My supervisor taught me to be patient, strong and rigorous.

Secondly, I wish to thank all the lecturers who taught me tirelessly and were always patient with me. Thank you for helping me improves my skills and acquires vast and useful knowledge in and outside my field of study. Finally, my heartfelt gratitude goes to all the other people who contributed directly or otherwise to my study by playing different roles to enable me to successfully complete this Research project.

ABSTRACT

Employing total consumption expenditure as a household-level welfare indicator with which to measure poverty has often been criticized because it is felt that such an indicator does not account for differing access to, and cost of, publicly provided services. This r discusses when and how adjustments can be made to expenditures derived from household surveys so as to reflect the consumption of basic services. Markets which are subsidised, rationed and subject to increasing marginal tariff pricing are. Household welfare in Sub - Saharan Africa is declining as evidenced by low consumption expenditure as well as increasing poverty levels. This study looked at the relationship between income inequality and household welfare in Uganda . The study utilized panel data derived from the current four rounds of the Uganda National Survey. In order to estimate household welfare, the study employed household consumption expenditure and poverty level as proxies and Gini coefficient for income inequality. The findings of the study revealed that the welfare of households is considerably enhanced by by the household demographic characteristics. However, the results for all model specified show the relationship between income inequality and welfare of households. To reduce poverty and thus increase consumption expenditure, households, government, policy makers and other stakeholders ought to diversify the economy.

CHAPTER ONE

INTRODUCTION

1.1. Background

The livelihood of households was a central aspect for individuals who lived in households and by extension to the entire economy (Rememberance, 2015). Farm output directly contributed to household happiness as the household used it for own consumption while passive income argued main stream income to shield against any household shock. Household welfare refers to the general well-being of members of the household as measured by poverty level and consumption expenditures (Unnikrishnan and Imai, 2020).

There was a wealth of literature on how income affects household welfare (Ren et al., 2017). Income is disaggregated into farm income, non – farm income and passive income. Farm income is the income from agriculture activities including crop production, livestock production, forestry, fishing and other farm-related activities (Rashidin et al., 2020). More so, income from these activities have tremendously increased consistently over the years in Uganda (Severini & Tantari, 2013). Contrarily, diversified income describes a household's income from sources other than farm and non-farm sources: Earnings that were in addition to farm or non-farm income (Agyeman et al., 2014). Households with a greater level of diversification end up with more money and are significantly more likely to participate in both capital accumulation and consumption expenditure (Oyimbo & Olaleye, 2016).

According to (Jenkins, 2019), Previous research suggests that income inequality was lower in Spain than in the U.S. This studies whether this ranking remains the same when household consumption expenditures were used as a proxy for household welfare. Both inequality and social welfare, as components of economic well-being, are examined. Total household expenditures from each country's 2010-2019 consumer expenditure survey are used as the basis for the analysis. For

REFERENCES

Aboagye, P. and Bolt, J. (2021). (Forthcoming) Long-Term Trends in Income Inequality: Winners and Losers of Economic Change in Ghana, 1891-1960. Explorations in Economic History.

Alfani, G. (2021). Economic inequality in preindustrial times: Europe and beyond. Journal of Economic Literature, 59 (1): 3-44.

Alfani, G. and Tadei, F. (2019). Income Inequality in French West Africa: Building Social Tables for Pre-Independence Senegal and Ivory Coast, UB Economics Working Papers 2019/396.

Allen, R. C. (2001). The great divergence in European wages and prices from the middle Ages to the First World War. Explorations in Economic History, 38 (4): 411-447.

Allen, R.C. (2015). The High Wage Economy. The Economic History Review, 68: 1-22. Allen, R.C. (2019). Class structure and inequality during the industrial revolution: lessons from England's social tables, 1688–1867. The Economic History Review, 72: 88-125. Alvaredo, F., Cogneau, D. and Piketty. T. (2020). Income Inequality under Colonial Rule:

Evidence from French Algeria, Cameroon, Tunisia, and Vietnam and Comparisons with the British Empire 1920-1960. CEPR Discussion Paper No. DP14969.

Alvaredo, F., Chancel, L., Piketty, T., Saez, E., and Zucman, G. (2018). The elephant curve of global inequality and growth. In AEA Papers and Proceedings, Vol. 108, pp. 103-08.

Alvaredo, F., and Atkinson, A. B. (2010). Colonial Rule, Apartheid and Natural Resources: Top Incomes in South Africa, 1903-2007. CEPR Discussion Paper No. 8155.Amin, S. (1966). L'économie du Maghreb. Paris: Editions de Minuit.

Aspromourgos, T., (1988). The life of William Petty in relation to his economics. History of Political Economy, 20: 337-356.

Atkinson, A. (2015). Top incomes in East Africa before and after independence. WID Working Paper Series No. 201502, World Inequality Lab.

Atkinson, A. B. (2014). The colonial legacy: Income inequality in former British African colonies

(No. 2014/045). WIDER Working Paper.

Austin, G. (2008). Resources, Techniques, and Strategies South of the Sahara: Revising the Factor

Endowments Perspective on African Economic Development, 1500-2000. The Economic History Review, 61 (3): 587–624.

Austin, G. (2009). Cash crops and freedom: Export agriculture and the decline of slavery in colonial West Africa. International Review of Social History, 54 (1): 1-37.35

Arcia, G. and G. Bustamante (2012), The Interaction Between Population Growth and the Provision of Potable Water in Metropolitan Quito, Research Triangle Institute, Center for International Development, Research Triangle Park.

Deaton, A. and J. Muellbauer (2010), Economics and Consumer Behavior, Cambridge University Press, Cambridge.

Deaton, A. (2010), 'The Measurement of Welfare: Theory and Practical Guideline', LSMS Working

Paper 7, World Bank

Deaton, A. (2017), the Analysis of Household Surveys: Micro econometric Analysis for Development Policy, Johns Hopkins University Press, Baltimore.

Hentschel, J. and P. Lanjouw (2016) 'Constructing an Indicator of Consumption for the Analysis of Poverty: Principles and Illustrations with Reference to Ecuador', LSMS Working Paper, No. 124, World Bank.

Hope, E. and B. Singh (2015), 'Energy Price Increases in Developing Countries', Policy Research Working Paper 1442, and Washington D.C.

Howes, S. and J. Olson Lanjouw (2018), 'Making Poverty Comparisons Taking into Account Survey Design: How and Why', Review of Income and Wealth, forthcoming.

Kakwani, N. (2013), 'Statistical Interference in the Measurement of Poverty', Review of Economics and Statistics, pp.632-639.21

Adepoju, A. O., & Obayelu, O. A. (2013). Livelihood diversification and welfare of rural households in Ondo State, Nigeria. Journal of Development and Agricultural Economics, 5(12), 482–489. https://doi.org/10.5897/JDAE2013.0497

Aguilar, R. A. C., Eilertsen, A., Fujs, T., Lakner, C., Mahler, D. G., Nguyen, M. C., Schoch, M., Baah, S. K. T., Viveros, M., & Wu, H. (2022). 2022 Global poverty Update From World Bank.

Agyeman, B. A. S., Asuming-Brempong, S. &Onumah, E. E., (2014). Determinants of Income Diversification of Farm Households in the Western Region of Ghana. Quarterly Journal of International Agriculture 53 (2014), No. 1: 55-72.

Amfo, B., Mensah, J. O., Ali, E. B., Dagunga, G., Etuah, S., & Aidoo, R. (2021). Rice farm income diversification in Ghana and implications on household consumption expenditure. International Journal of Social Economics.

Asfaw, S., Antonio Scognamillo, A., Caprera, G. D., Sitko, N. & Ignaciuk, A., (2019). Heterogeneous impact of livelihood diversification on householdwelfare: Cross-country evidence from Sub-Saharan Africa. World Development, Vol. 117, pp. 278 – 295.

Asfaw, S., Lipper, L., Dalton, T. J. & Audi, P., (2012). Market participation, on-farm crop diversity and household welfare: micro-evidence from Kenya. Environment and Development Economics, Vol. 17, No. 5, pp. 579–601. DOI: 10.1017/S1355770X12000277

Chirwa, C. W., Makoka, D., Maonga, B. B. and Ng'ong'ola, D. H., (2017). Impact of Malawi's Farm Income Diversification Programme on Household Welfare: Empirical evidence from eleven districts.172 African Journal of Education, Science and Technology, November, 2022, Vol 7, No. 2