Wealth Inequality and Endogenous Growth

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November 11, 2021

Abstract

Advanced economies have been experiencing productivity slowdowns, rising inequality, and low consumption-to-wealth ratios in recent decades. Using an analytically tractable endogenous growth model with heterogeneous households, I emphasize a channel that connects inequality with productivity growth through aggregate consumption demand and the returns to R&D. Given realistic increases in wealth (inclusive of income) inequality, the calibrated model generates transition dynamics featuring productivity slowdowns, low aggregate demand, and low real interest rates, consistent with the empirical trends. The welfare cost of rising inequality is substantial and is nearly equally split between changes in the consumption distribution and slow growth.

Keywords: wealth inequality, productivity slowdowns, aggregate demand, real interest rates, transition dynamics.

JEL Codes: E20, O40, G51, C61.

∗bclee@ust.hk. A part of this paper was included in an earlier version of a manuscript titled “Wealth Inequality, Aggregate Consumption, and Macroeconomic Trends under Incomplete Markets.” I am greatly indebted to Yuriy Gorodnichenko for his continual support. I also thank ChaeWon Baek, V. V. Chari, Zhi-gang Ge, Nils Gornemann, Pierre-Olivier Gourinchas, Zhen Huo, Andrew Keinsley, Yang Lu, and the seminar participants at SUFE, Hong Kong Junior Macro Group Meeting, and WEAI International Conference for their helpful comments and suggestions. I am grateful to Zhenghua Qi for excellent research assistance. Support from the Hong Kong University of Science and Technology Grant No. R9213 is gratefully acknowledged. All errors are my own.