

Challenges to the Sustainability of the Brazilian Process of Inclusive Growth

Presented at the panel on Inequalities as Barriers for global
Sustainable Development
World Science Forum, 2013

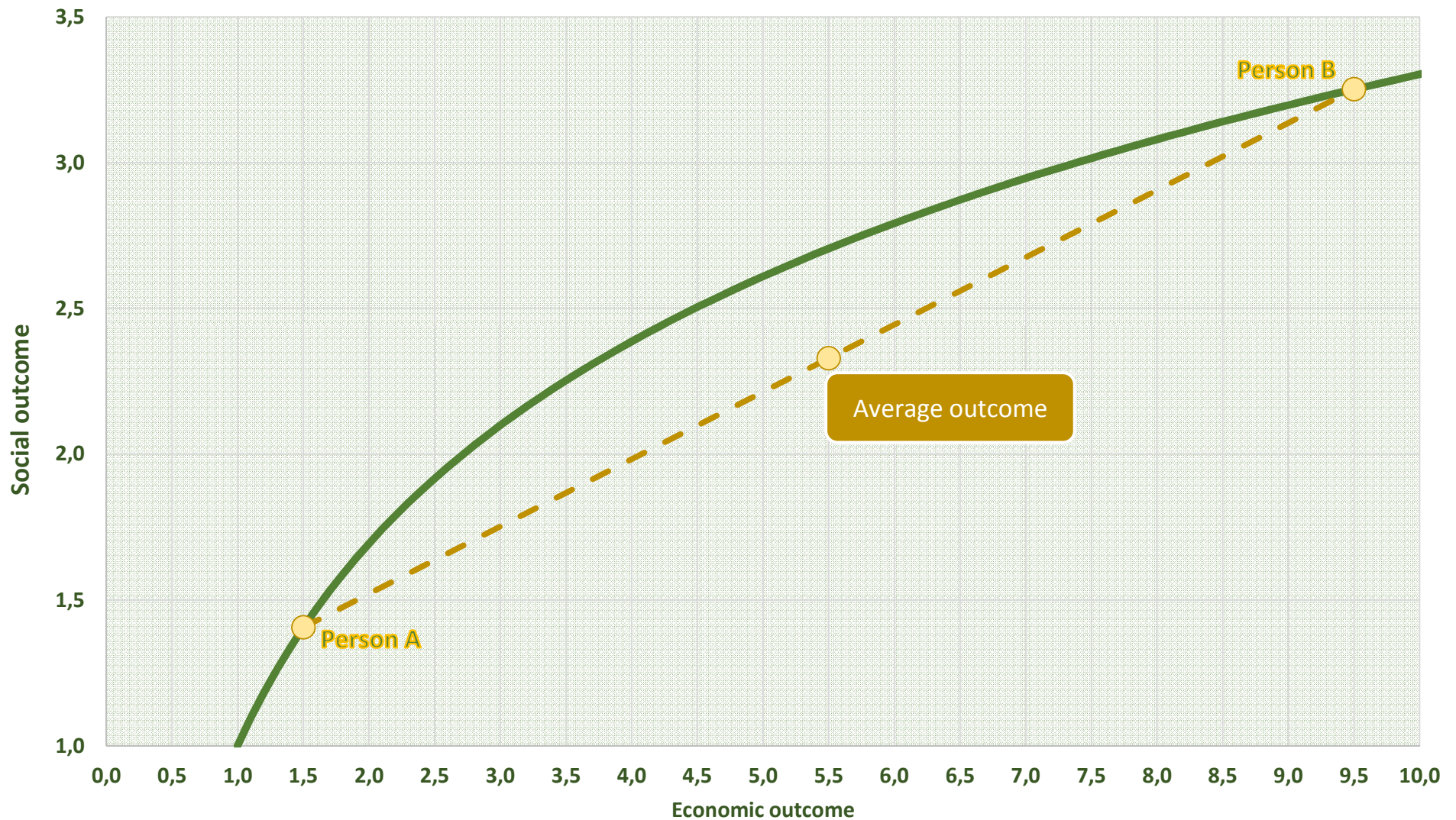
Ricardo Paes de Barros
Diana Coutinho
Samuel Franco
Rosane Mendonça

Rio de Janeiro, November, 2013

0. Consequences of inequality



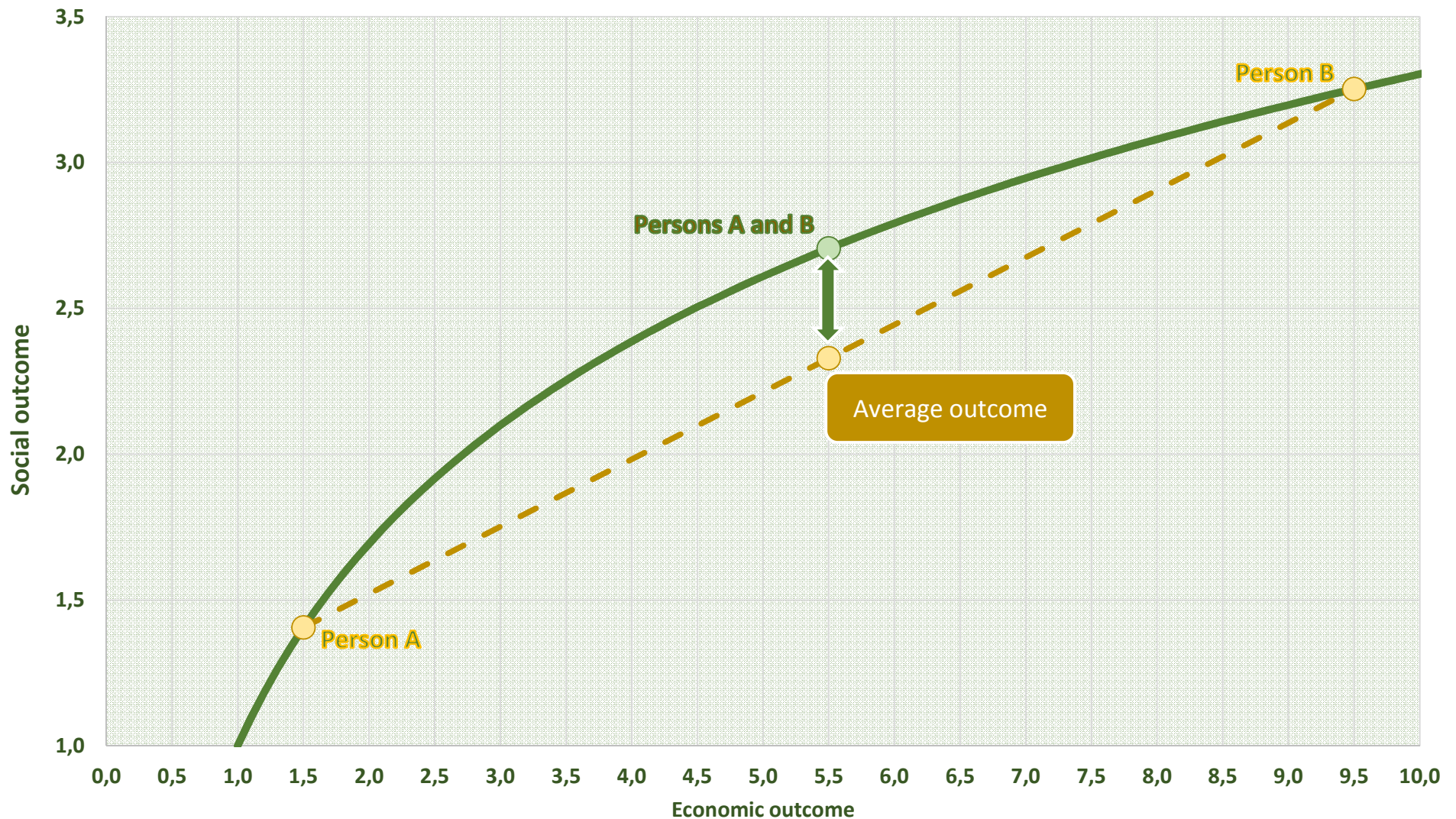
Relationship between social and economic outcomes



0. Consequences of inequality



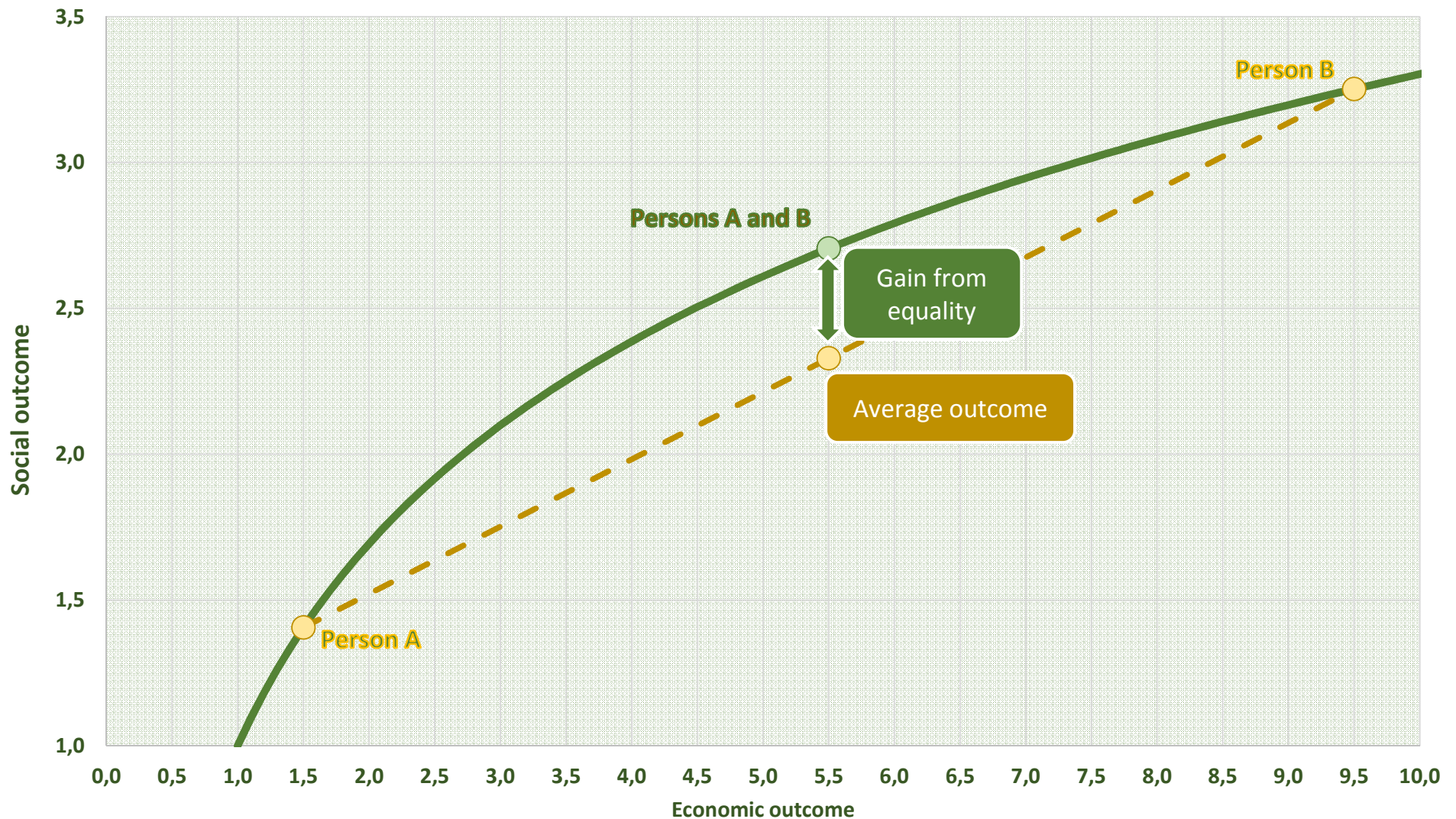
Relationship between social and economic outcomes



0. Consequences of inequality

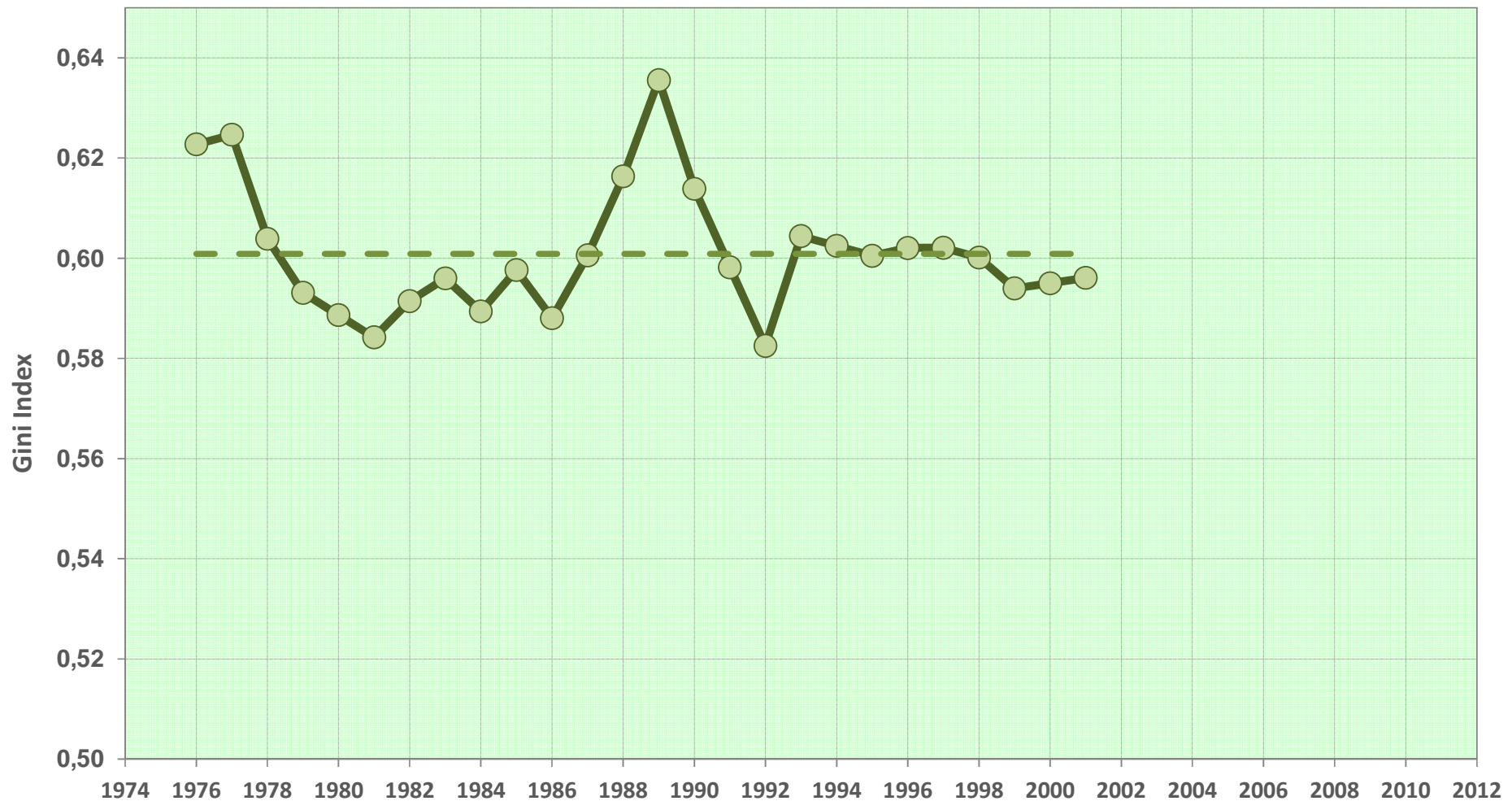


Relationship between social and economic outcomes



1. Describing the Brazilian impressive inclusive growth

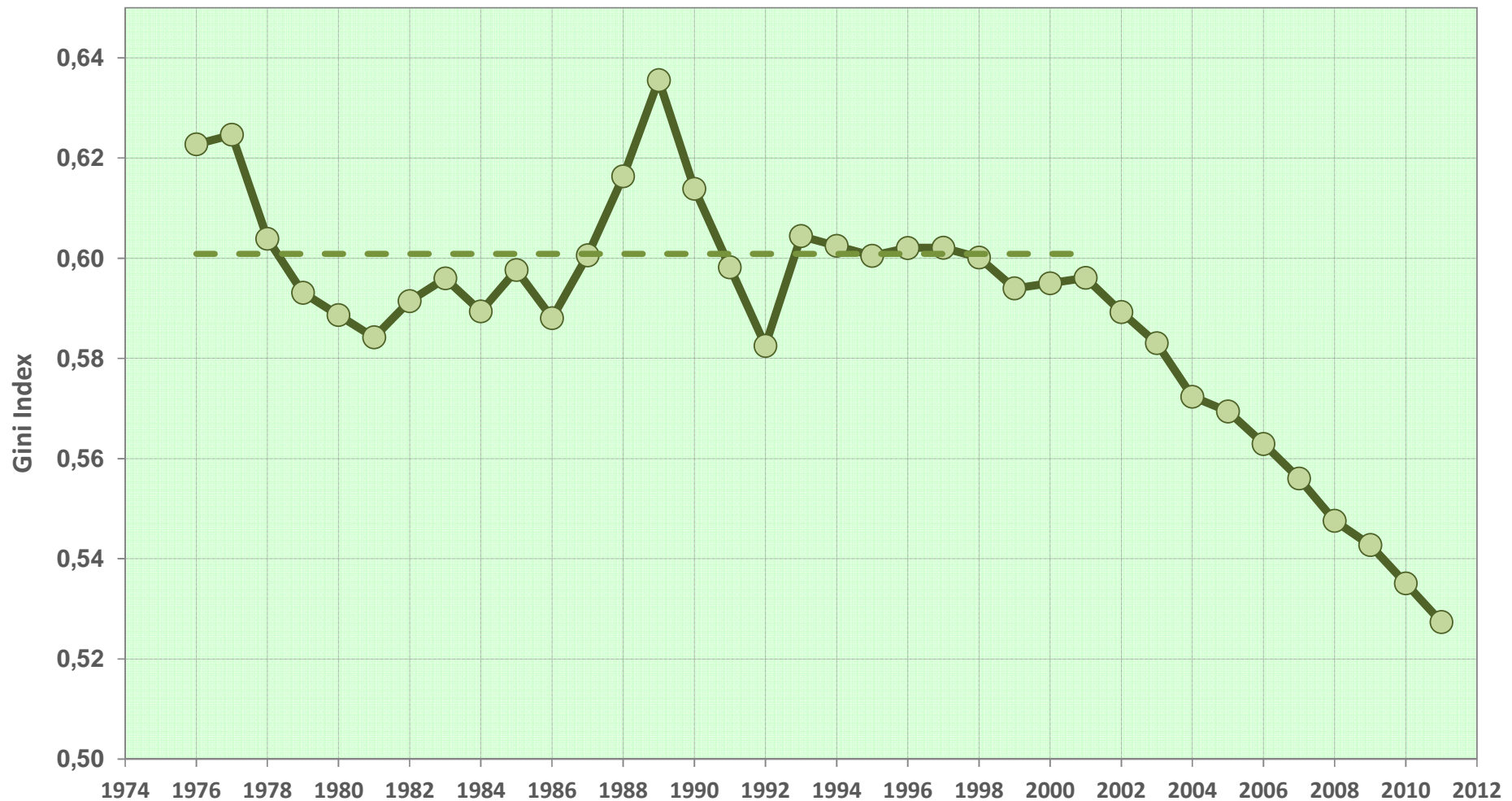
Evolution of income inequality
Brazil 1976-2011



Source: SAE/PR based on the PNADs from 1976 to 2011.

1. Describing the Brazilian impressive inclusive growth

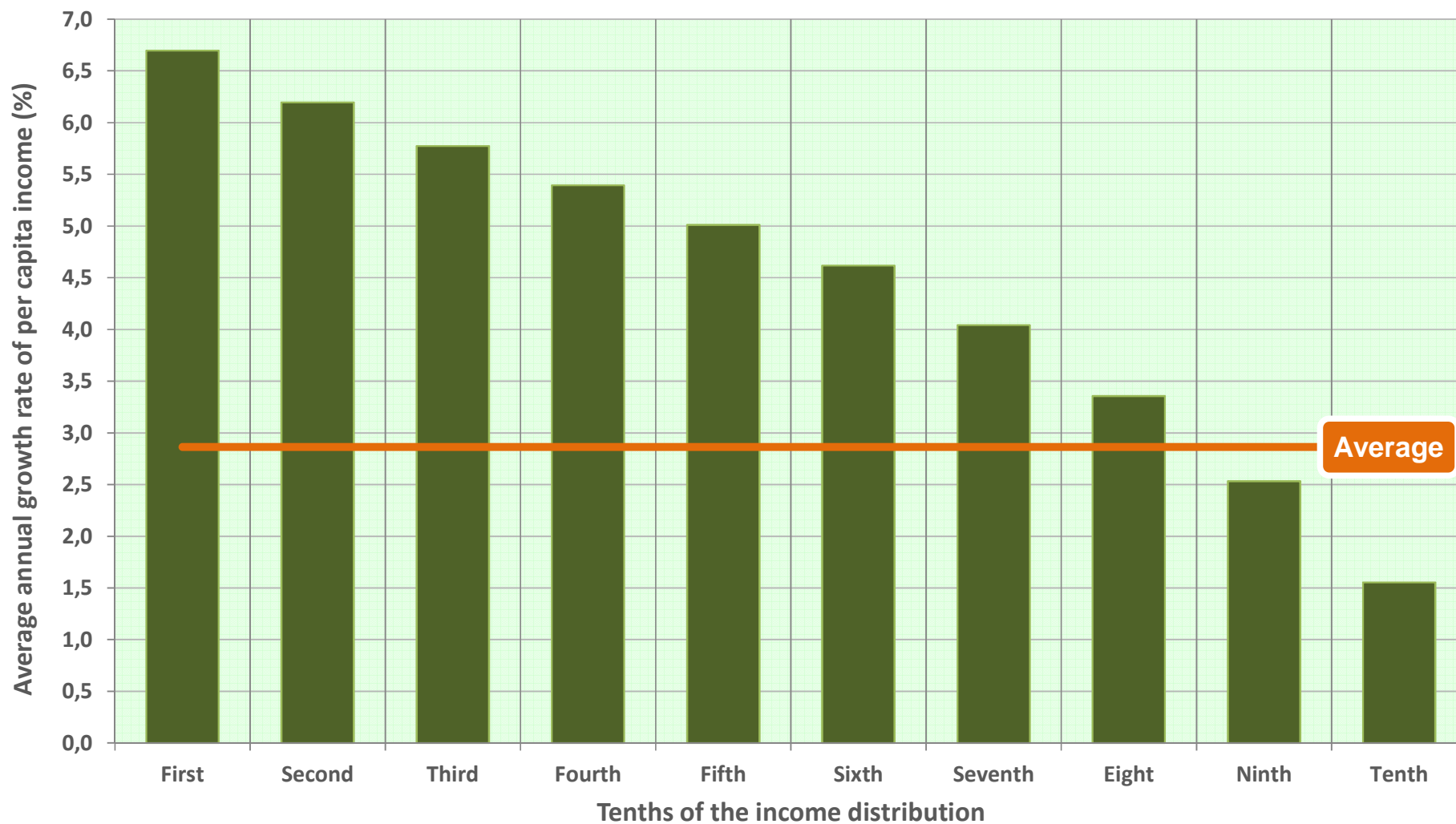
Evolution of income inequality
Brazil 1976-2011



Source: SAE/PR based on the PNADs from 1976 to 2011.

1. Describing the Brazilian impressive inclusive growth

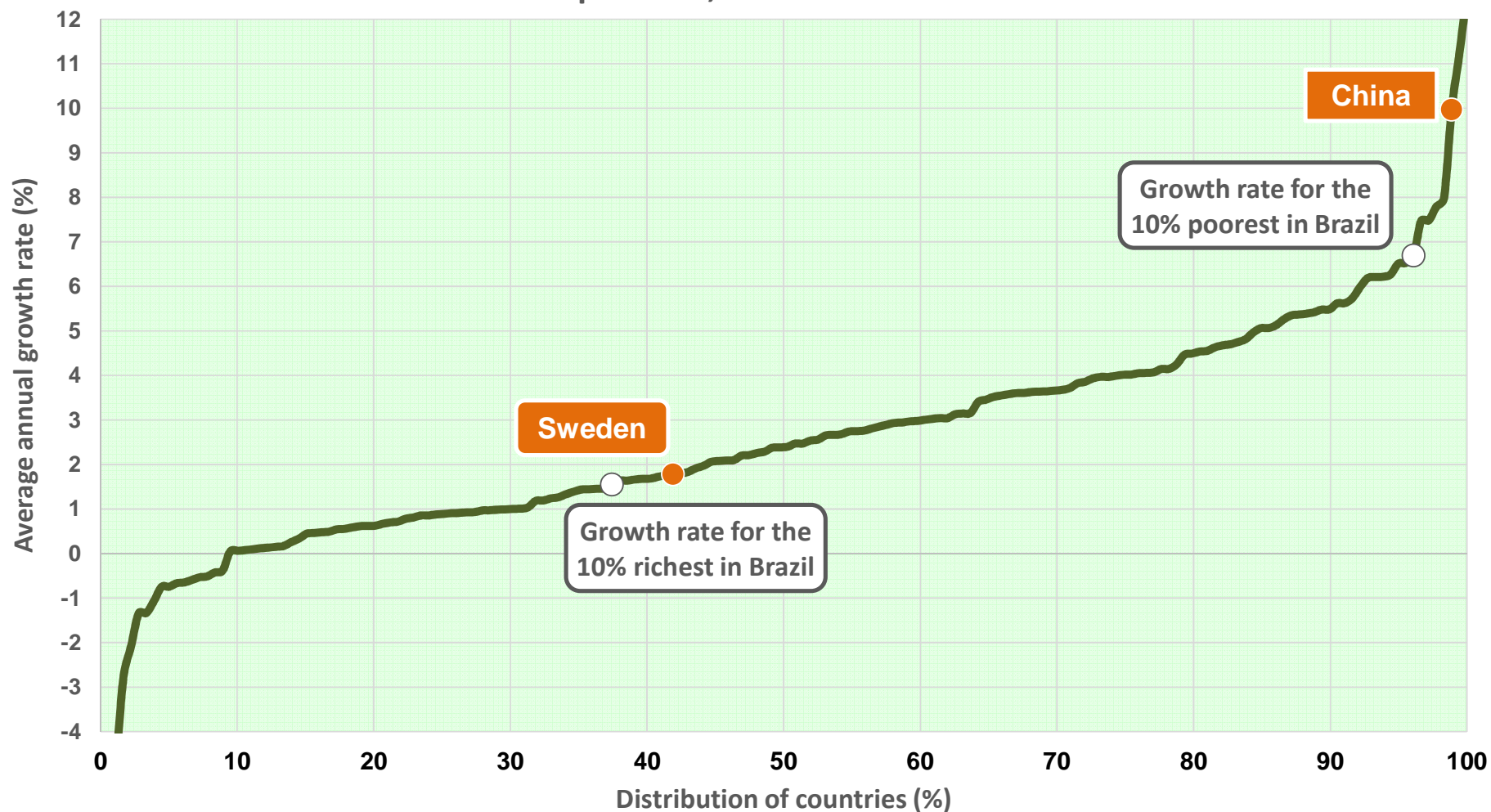
Average annual growth rate by tenths of the distribution of family income Brazil:
2001-2011



Source: SAE/PR based on the PNADs from 2001 to 2011.

1. Describing the Brazilian impressive inclusive growth

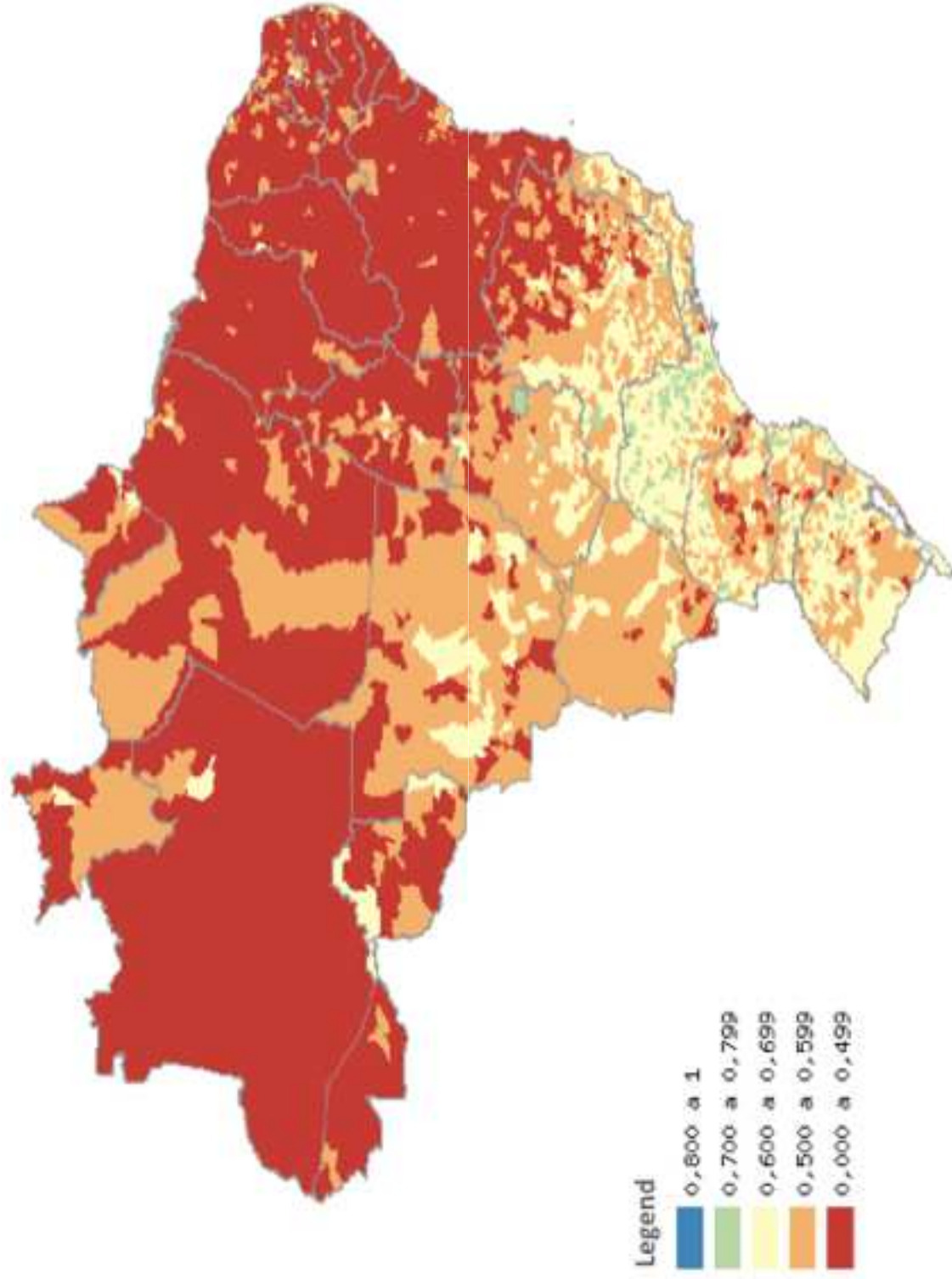
Distribution of countries according to their average annual growth rate of per capita GDP, World: 2001-2011



Source: SAE/PR based on WB data (<http://data.worldbank.org/indicator/NY.GDP.PCAP.KD>).
Note: Only 179 of the countries were considered due to data availability for the period.

Brazilian progress: HDI by municipality

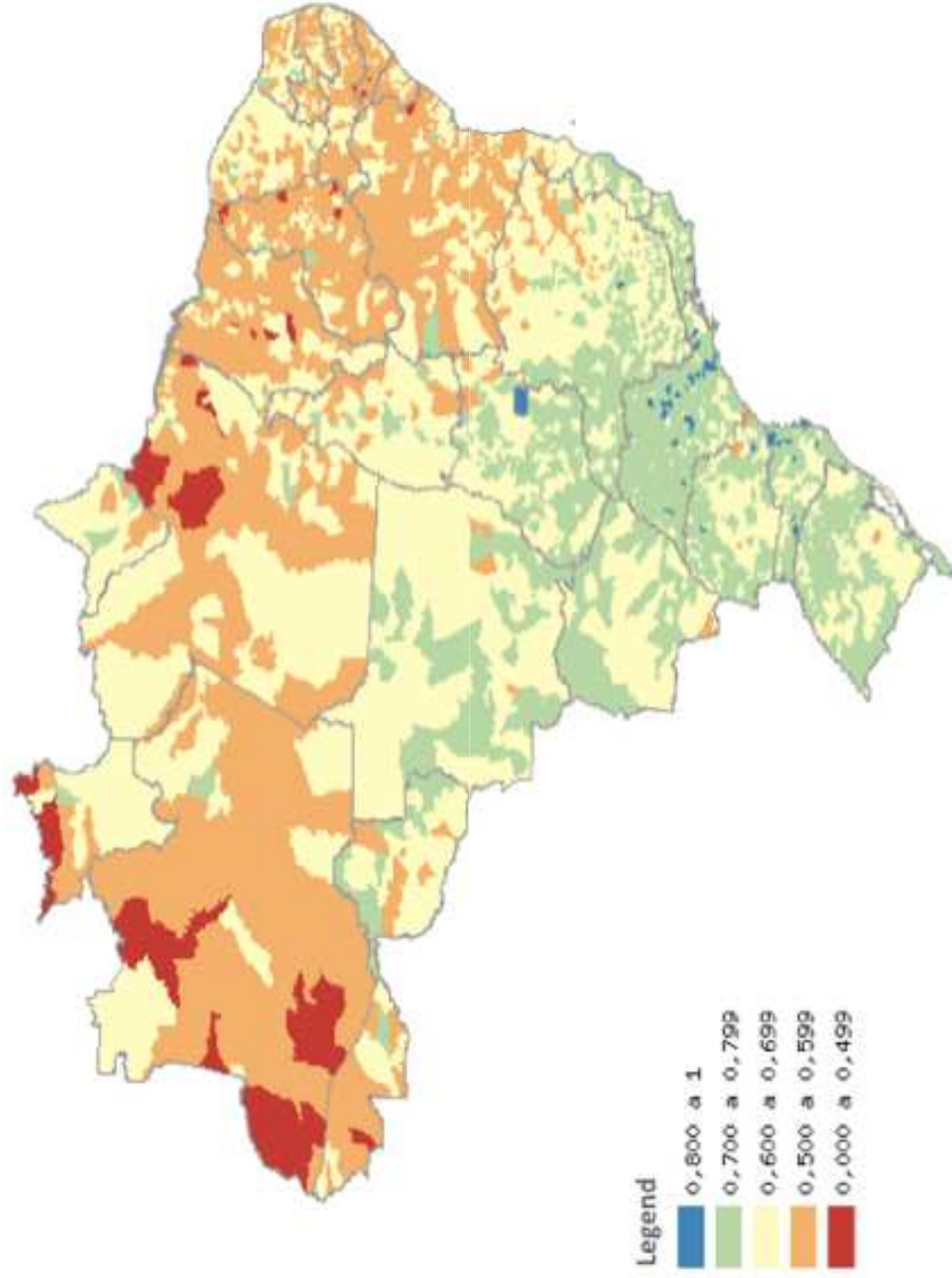
Brazil: 2000



Source: SAE/PR, based on Demographic Census of 2000 and 2010 and HDI as calculated by the UNDP, Human Development Report.

Brazilian progress: HDI by municipality

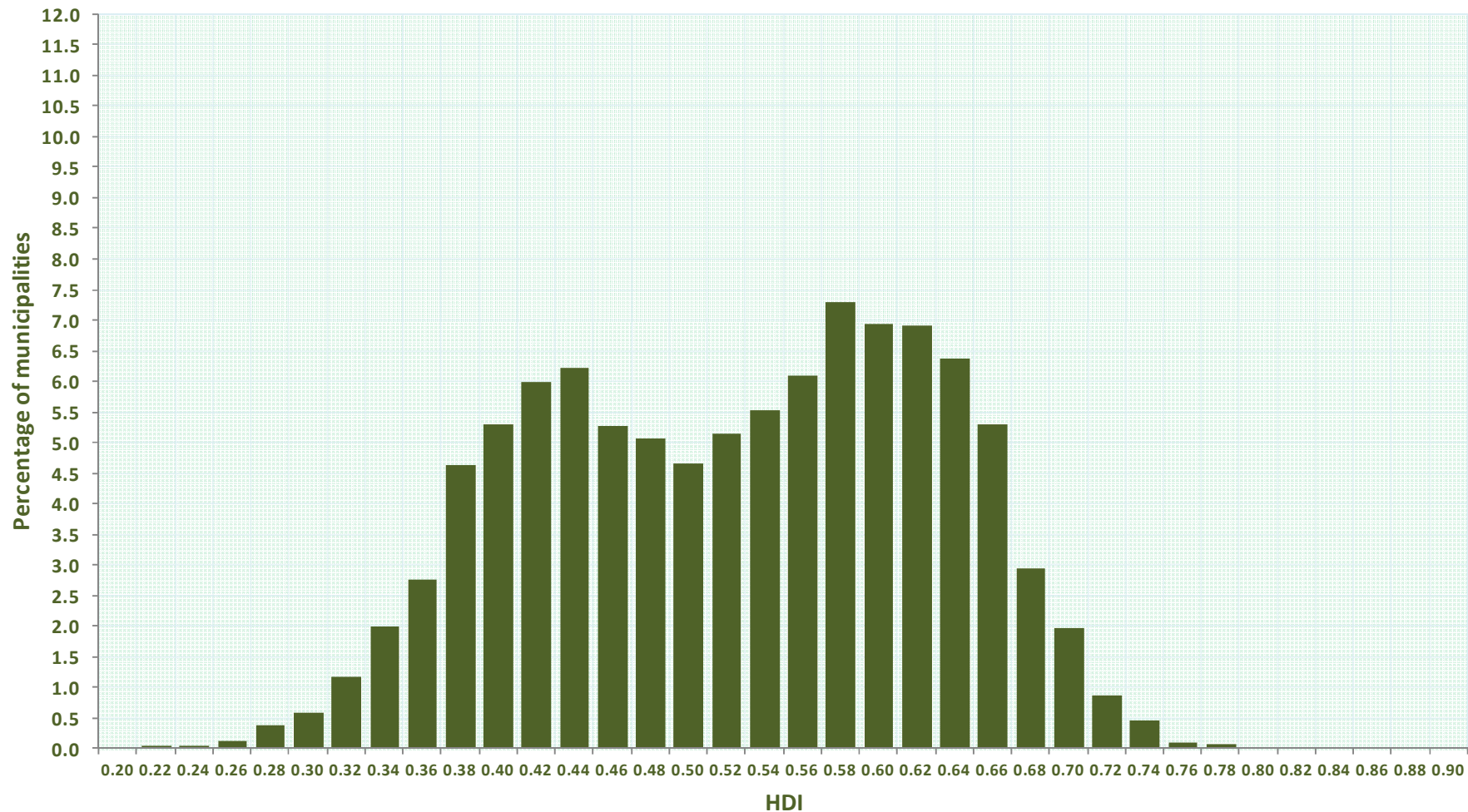
Brazil: 2010



Source: SAE/PR, based on Demographic Census of 2000 and 2010 and HDI as calculated by the UNDP, Human Development Report.

1. Describing the Brazilian impressive inclusive growth

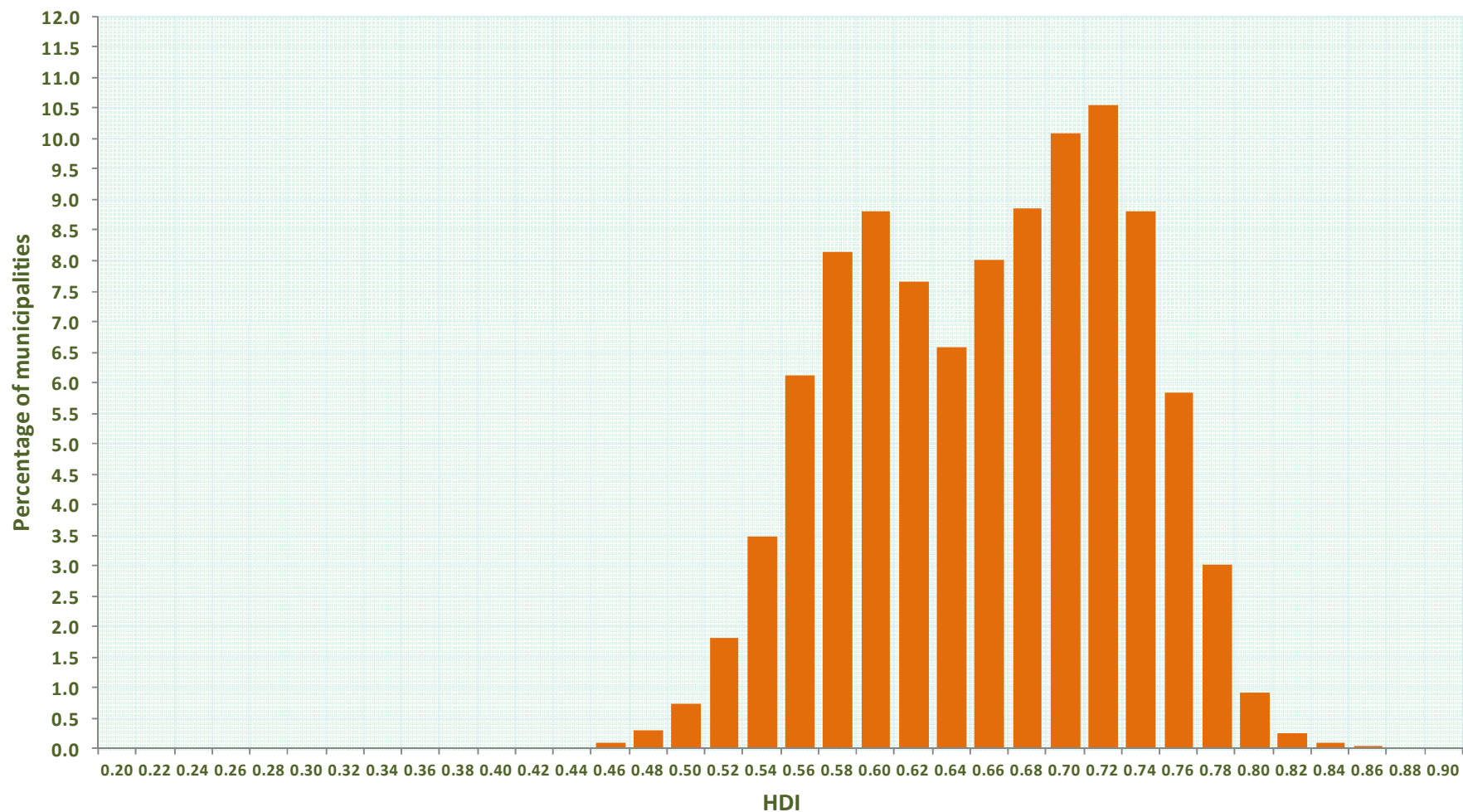
HDI of Brazilian municipalities: frequency distribution, 2000



Source: SAE/PR, based on Demographic Census 2000 and 2010 and HDI as calculated by the UNDP, Human Development Report

1. Describing the Brazilian impressive inclusive growth

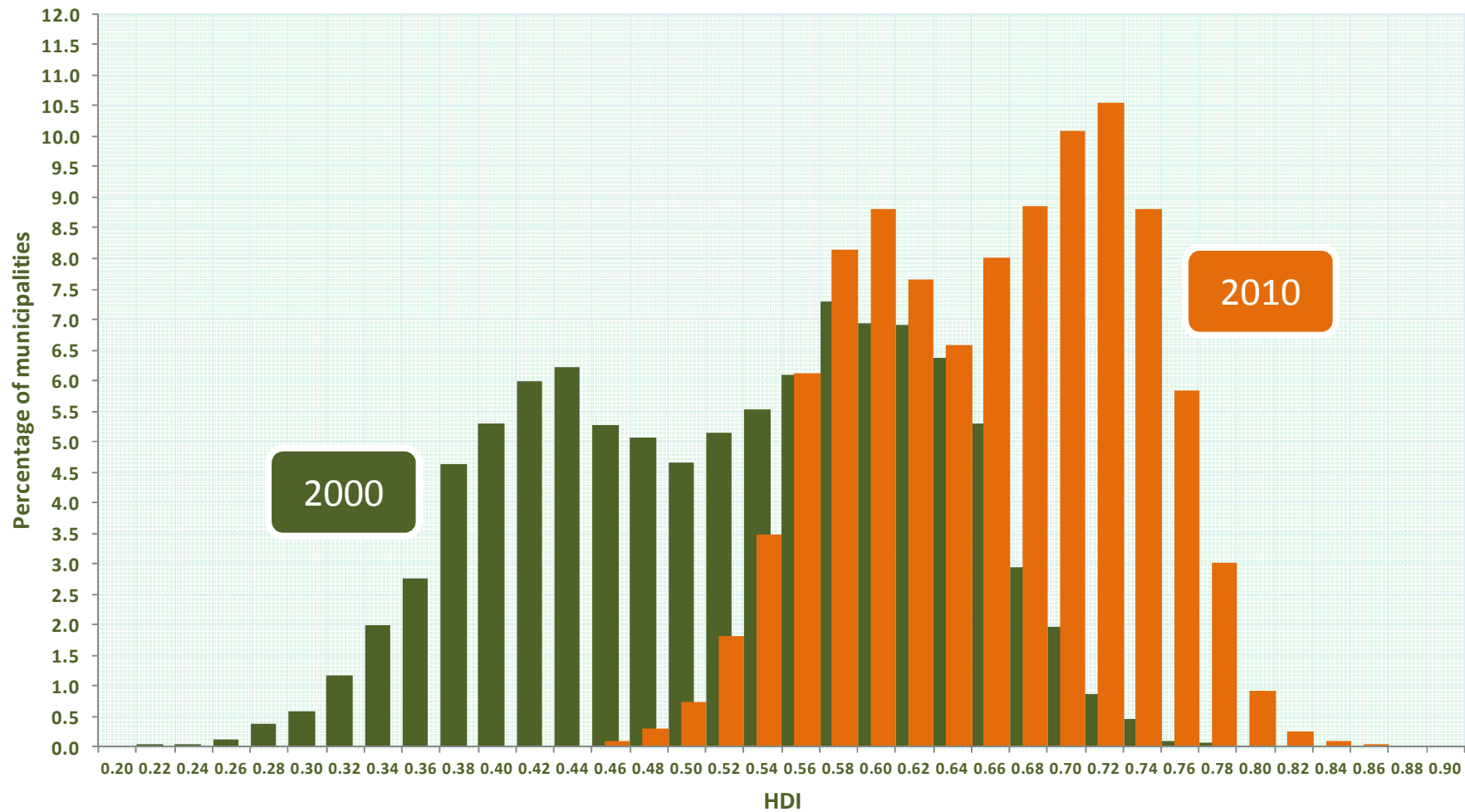
HDI of Brazilian municipalities: frequency distribution, 2010



Source: SAE/PR, based on Demographic Census 2000 and 2010 and HDI as calculated by the UNDP, Human Development Report

1. Describing the Brazilian impressive inclusive growth

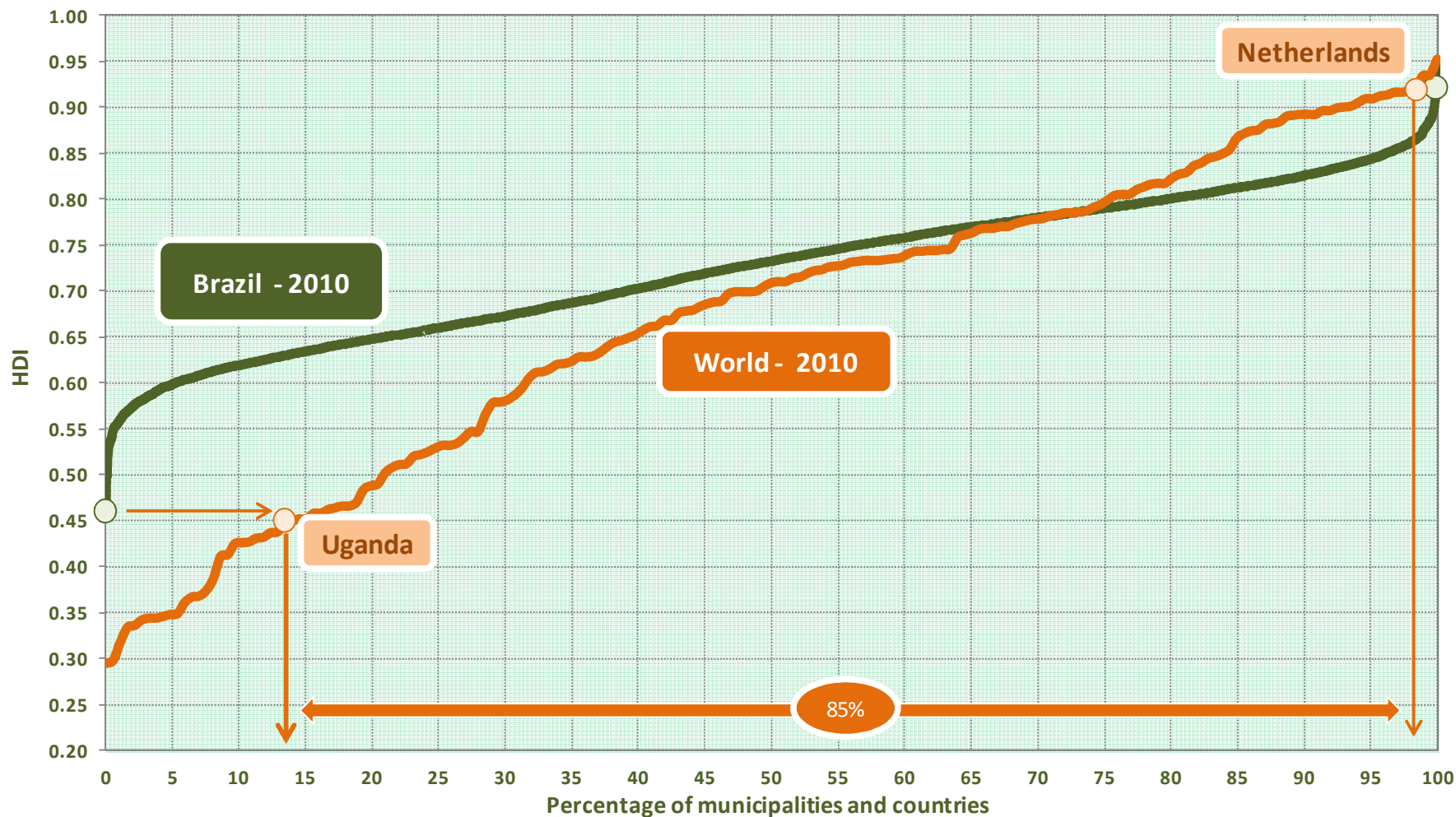
HDI of Brazilian municipalities: frequency distribution, 2000 - 2010



Source: SAE/PR, based on Demographic Census 2000 and 2010 and HDI as calculated by the UNDP, Human Development Report

1. Describing the Brazilian impressive inclusive growth

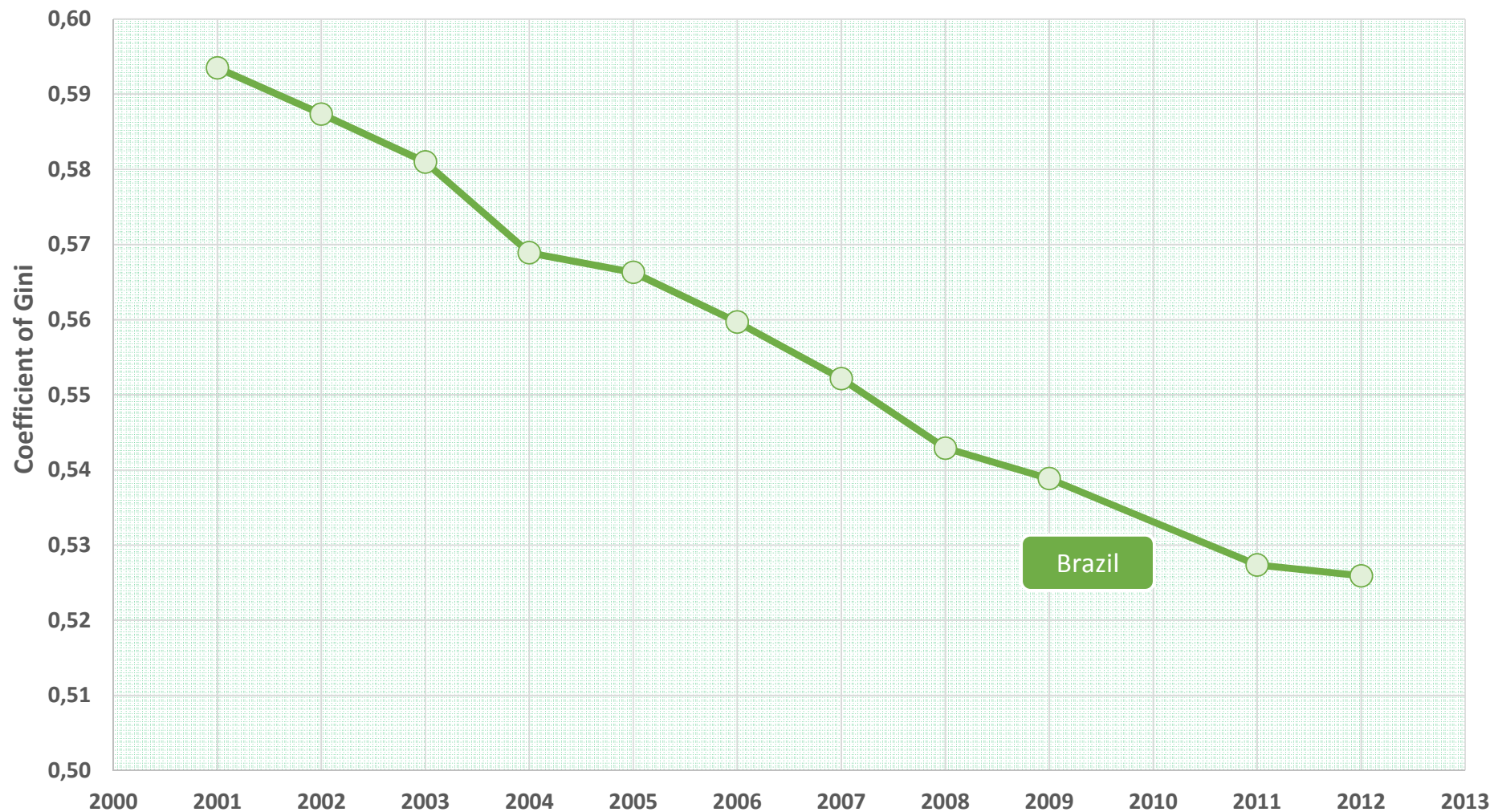
Distribution of Brazilian municipalities and countries of the World according to HDI, 2010



Source: SAE/PR, based on Demographic Census 2000 and 2010 and HDI as calculated by the UNDP, Human Development Report

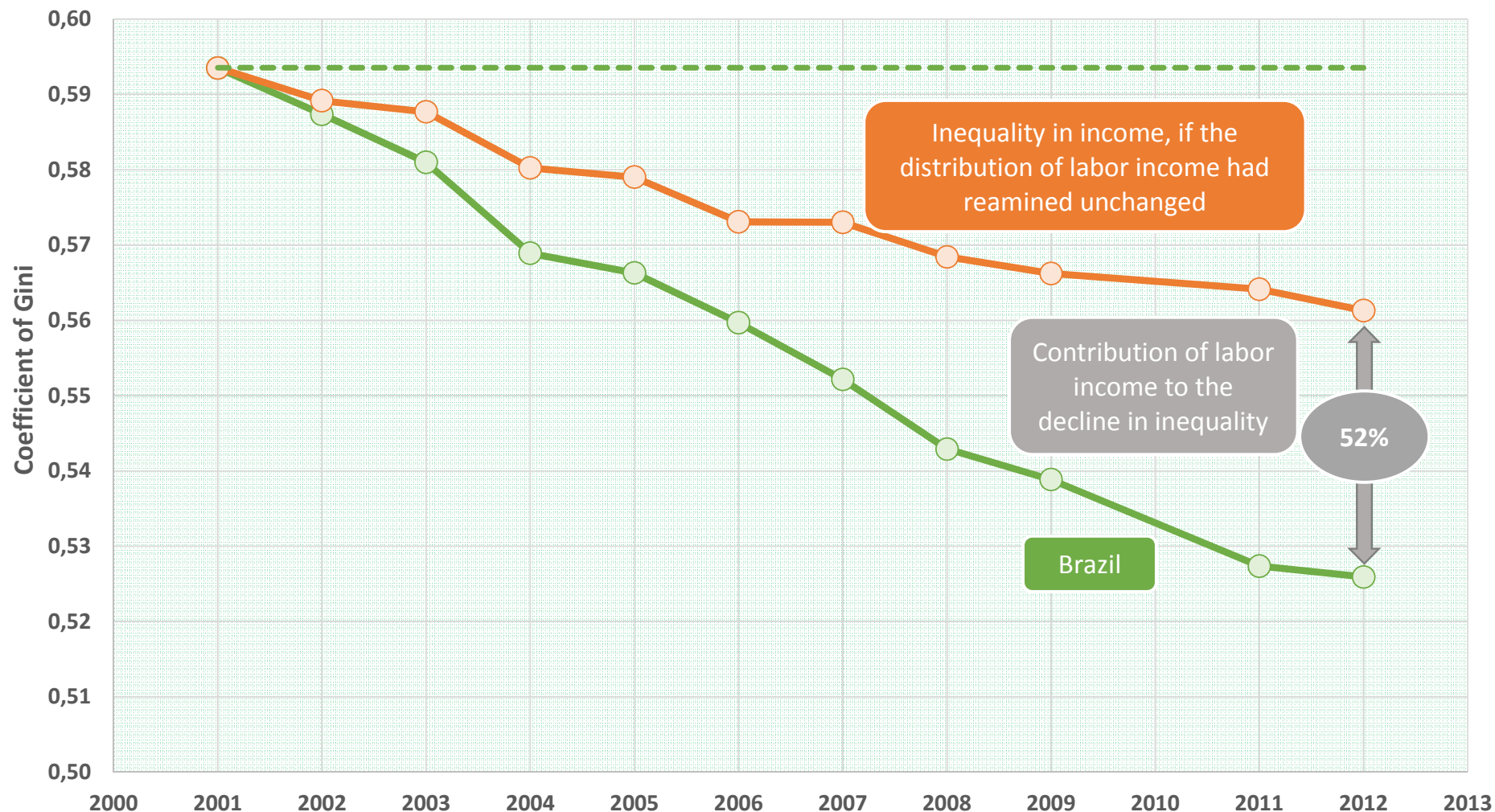
2. Identifying the determinants of the Brazilian inclusive growth

Evolution of inequality in per capita income:
Brazil, 2001-2012



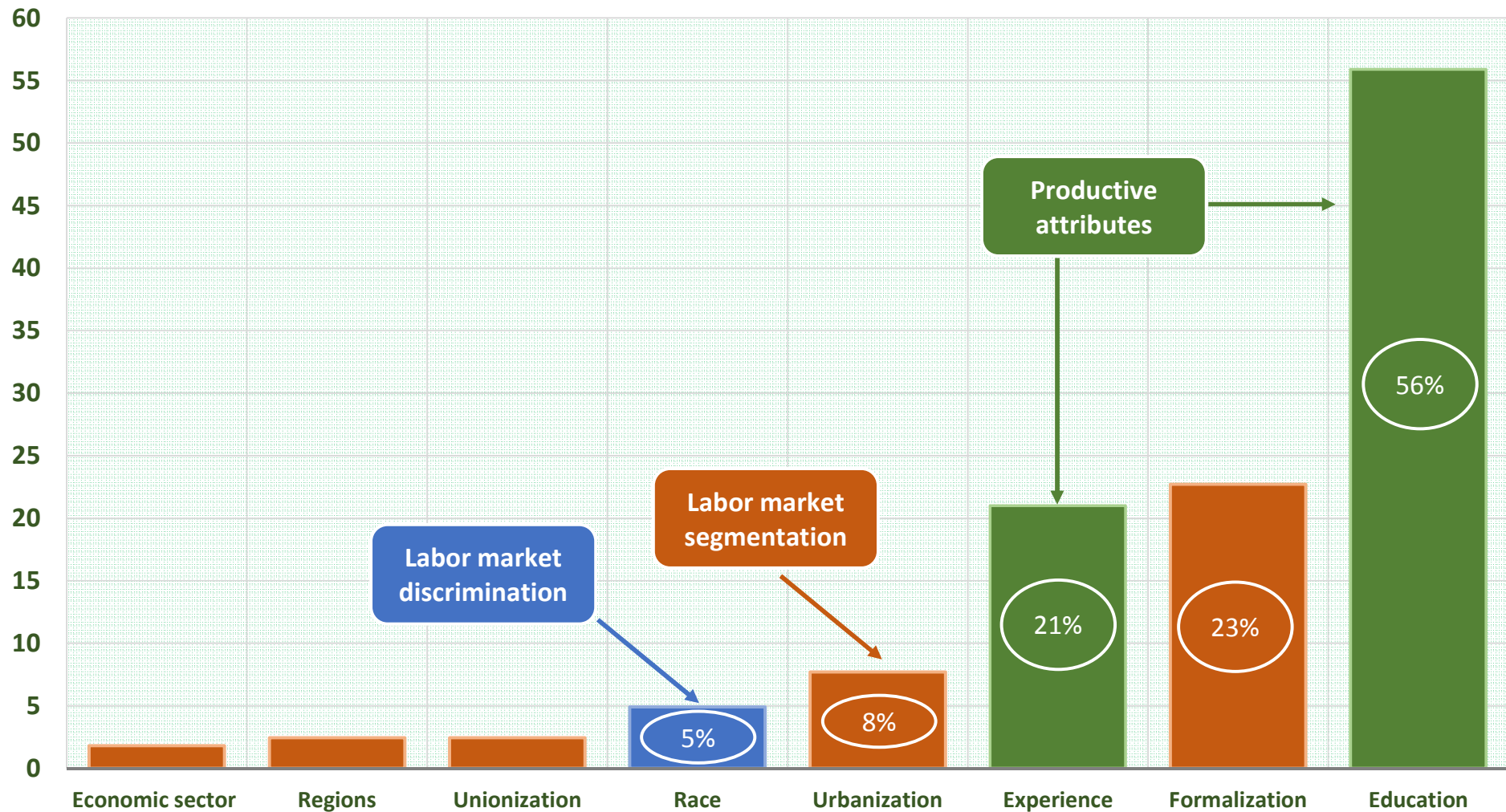
2. Identifying the determinants of the Brazilian inclusive growth

Evolution of inequality in per capita income:
Brazil, 2001-2012



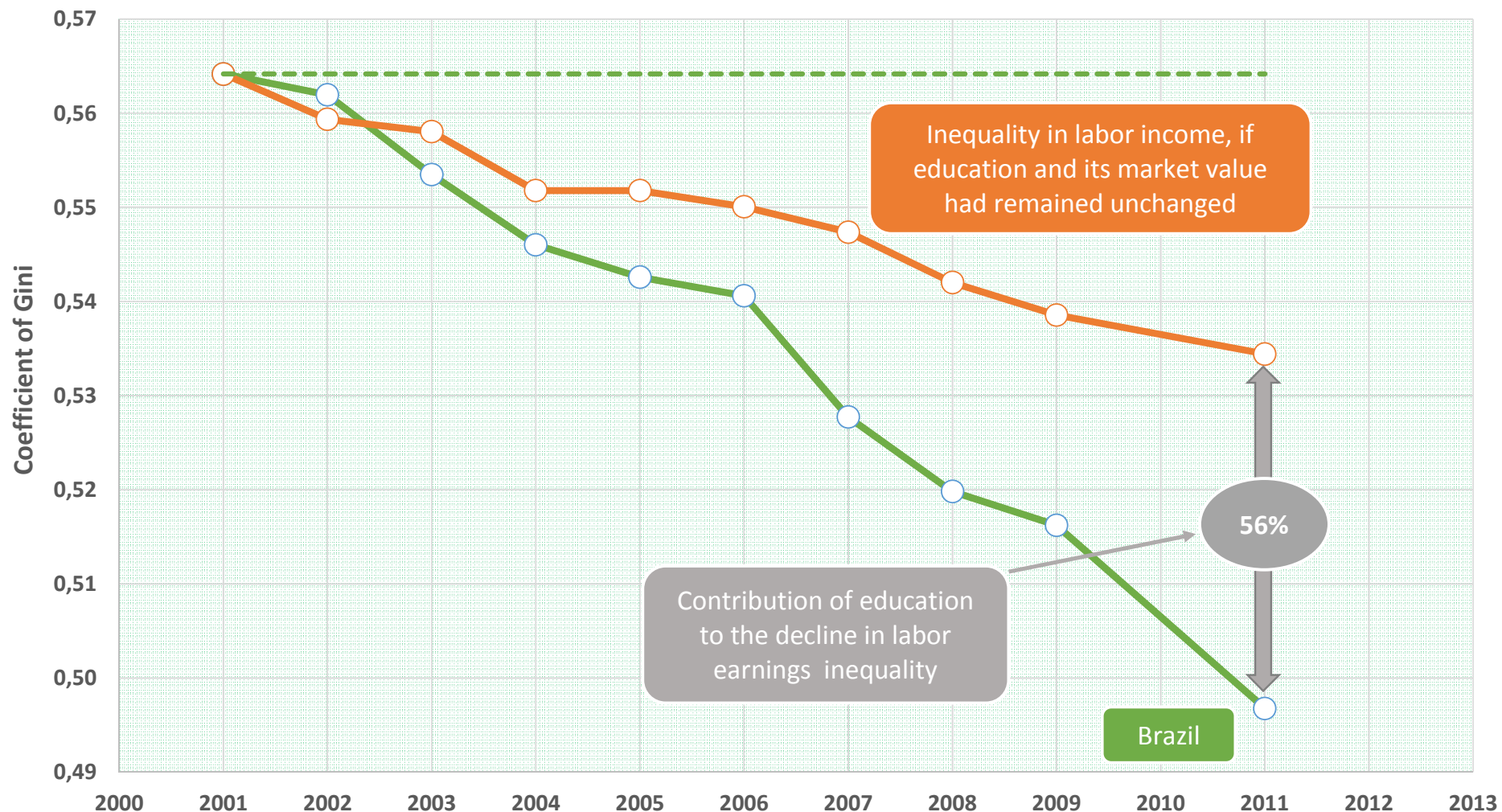
2. Identifying the determinants of the Brazilian inclusive growth

Contribution of worker's and job's attributes for the decline in labor earnings inequality: Brazil, 2001-2011



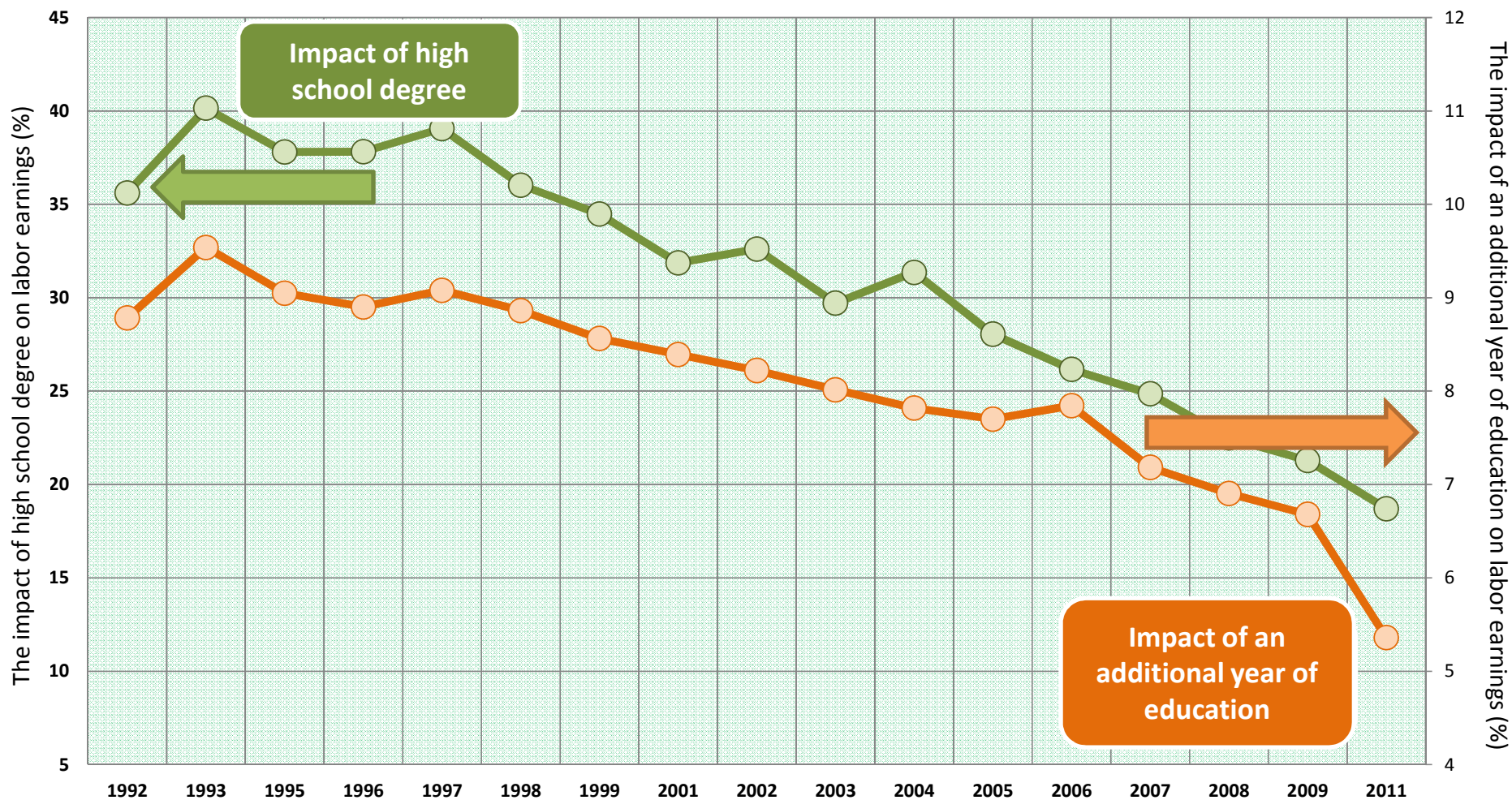
2. Identifying the determinants of the Brazilian inclusive growth

Evolution of inequality in labor earnings:
Brazil, 2001-2011



2. Identifying the determinants of the Brazilian inclusive growth

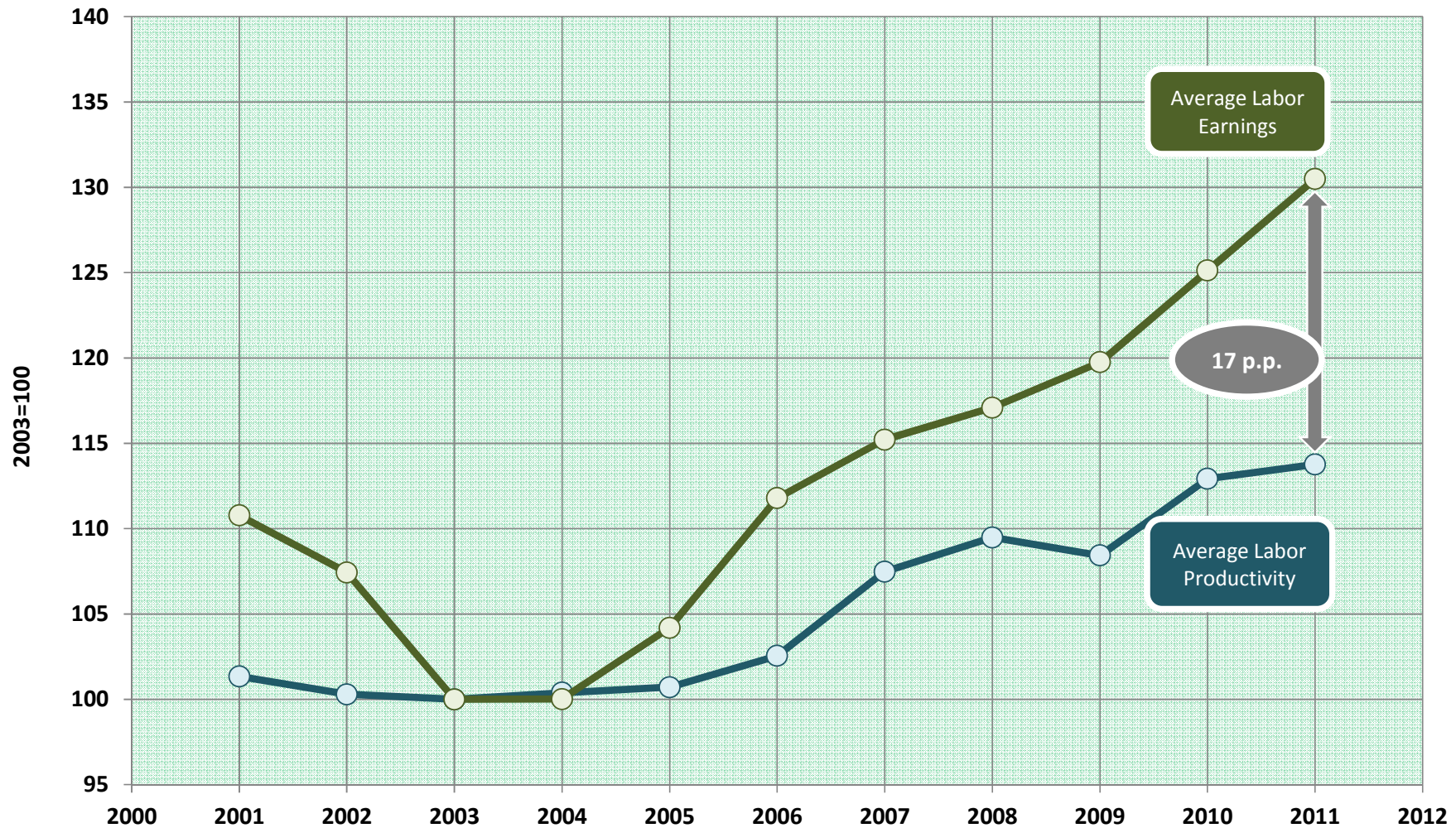
The impact of education on labor earnings in Brazil: 1992 to 2001



Source: SAE/PR based on the National Household Samples Research (PNAD).

3. Challenges to the sustainability of the Brazilian inclusive growth

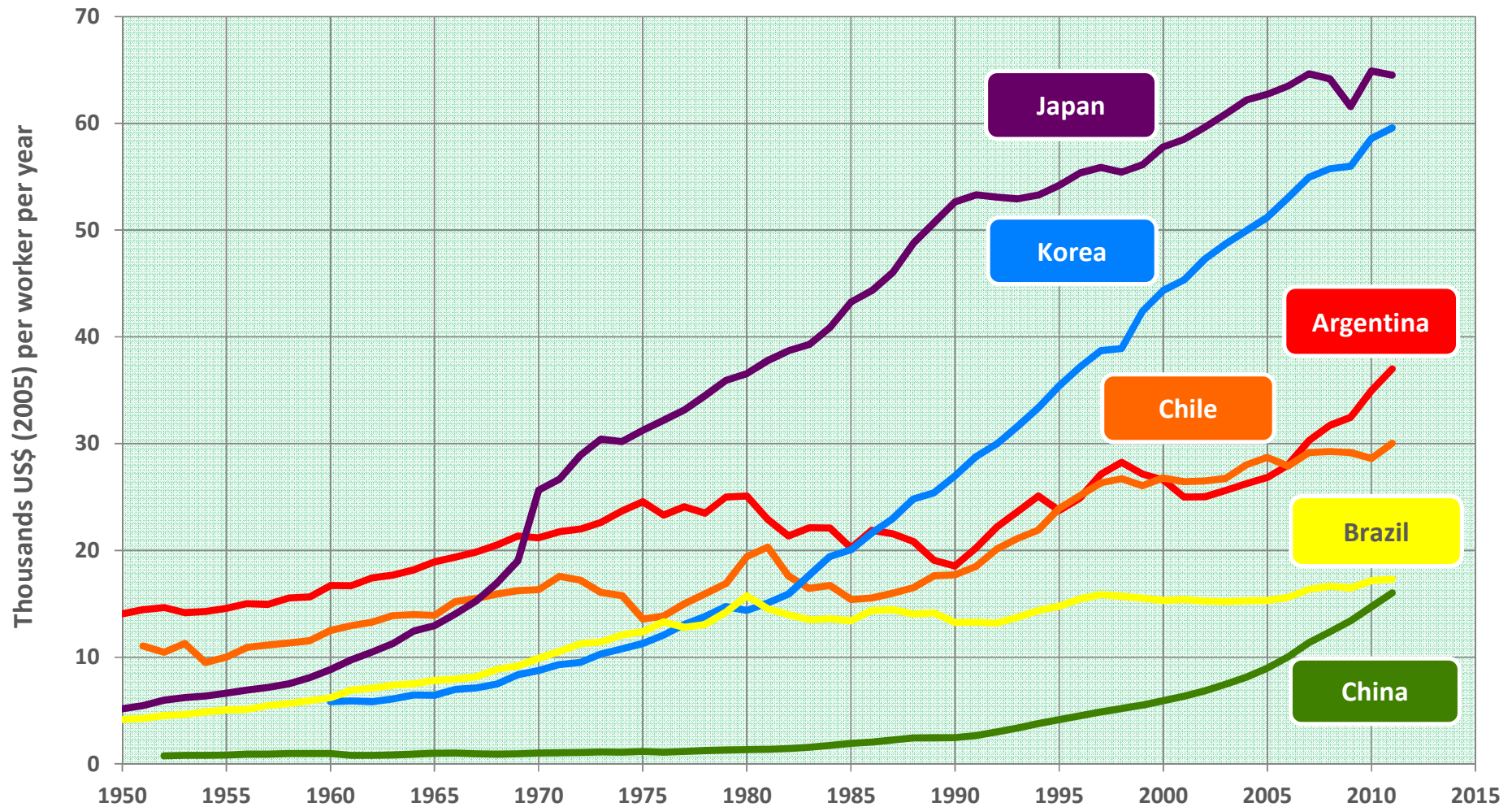
The evolution of labor earnings and of the average labor productivity
Brazil: 2001-2011



Source: SAE/PR based on the PNAD (Labor Earnings) and Penn World Tables (Labor Productivity).
Average labor productivity as GDP/worker (Real GDP at constant 2005 national prices).

3. Challenges to the sustainability of the Brazilian inclusive growth

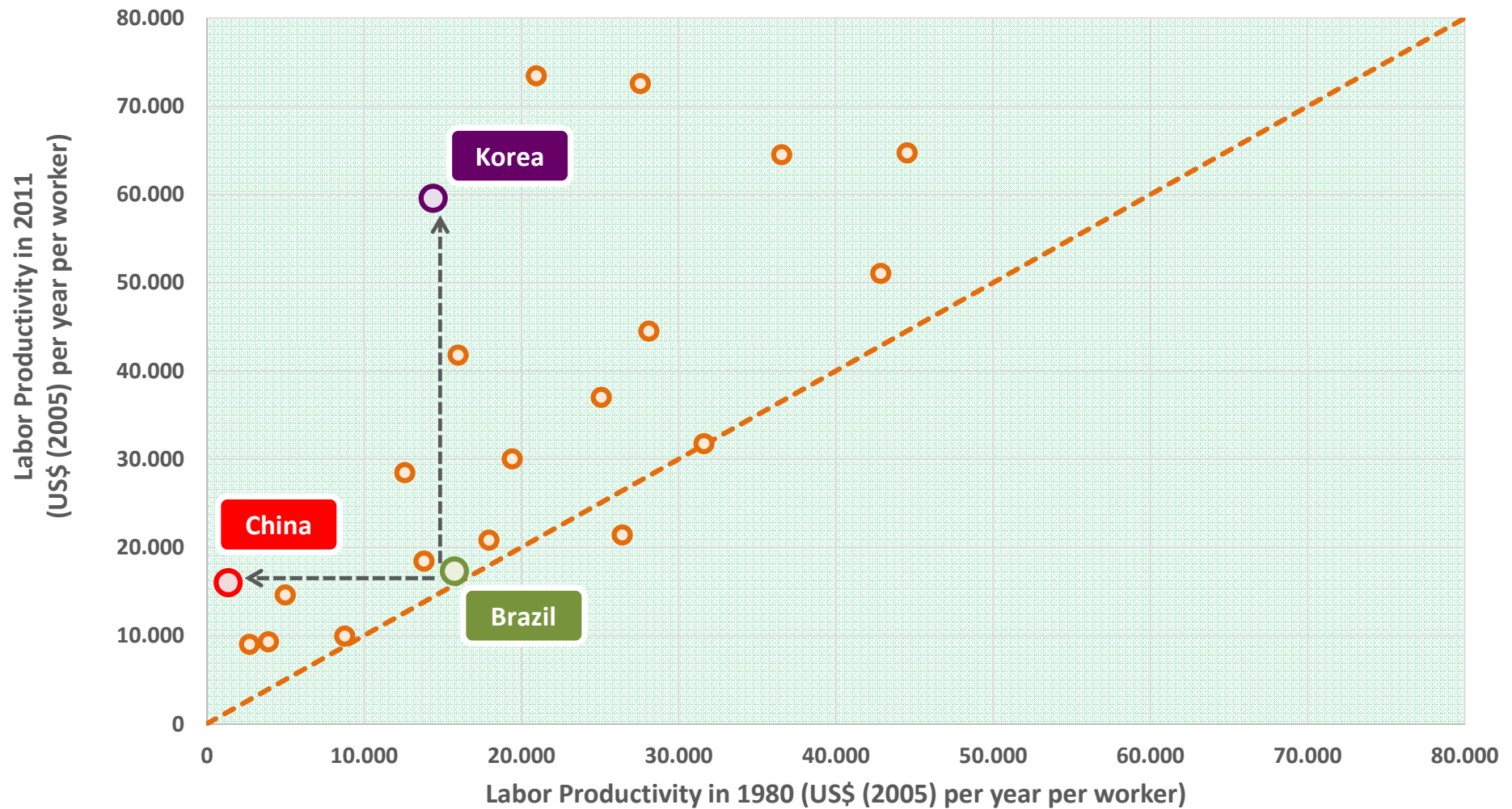
The Evolution of the Average Labor Productivity
Selected countries: 1950-2011



Source: SAE/PR based on the Penn World Tables.
Labor productivity as GDP/worker (Real GDP at constant 2005 national prices).

3. Challenges to the sustainability of the Brazilian inclusive growth

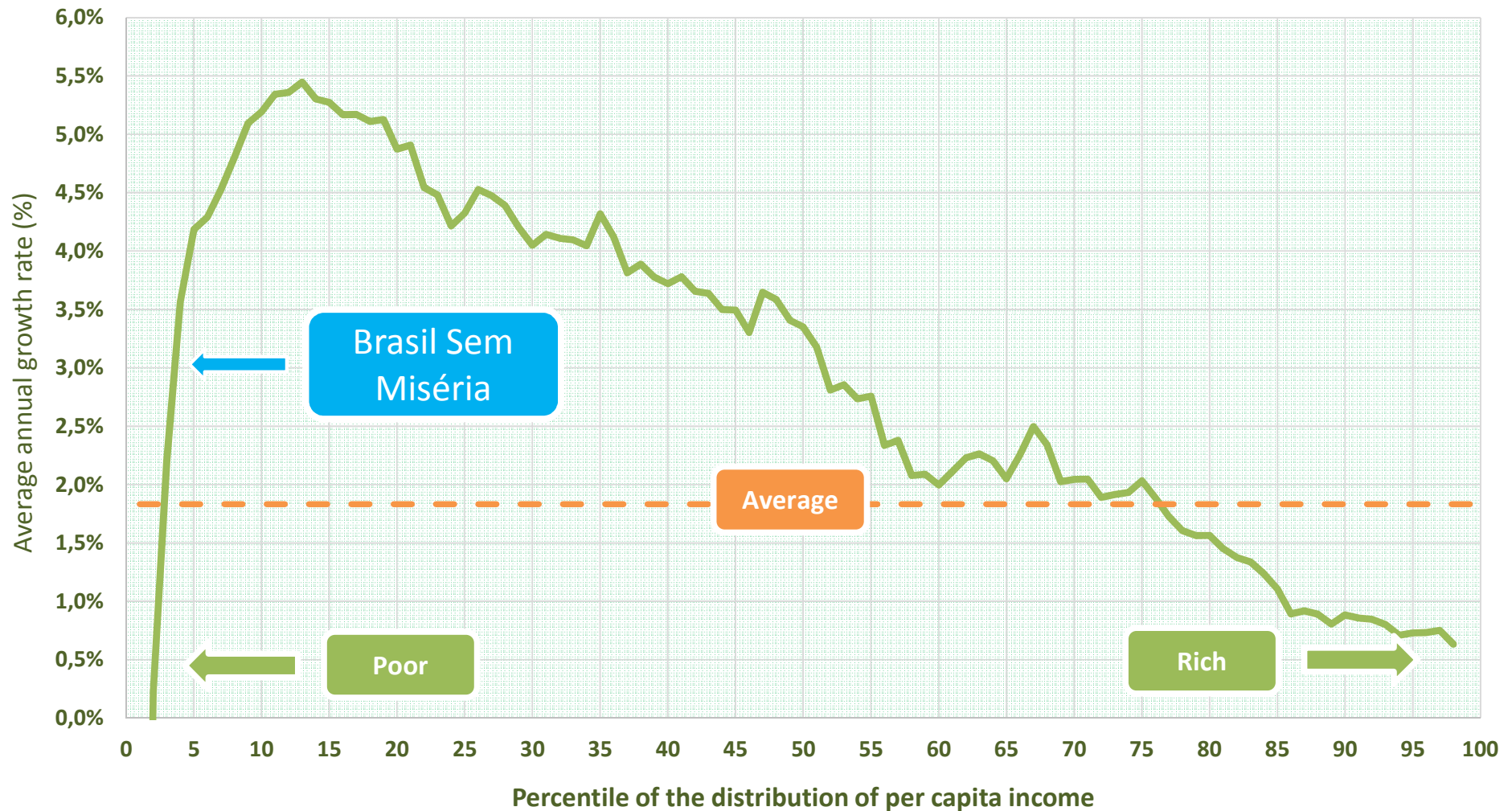
Ratio between labor productivity in 1980 and 2011



Source: SAE/PR based on the Penn World Tables.
Labor productivity as GDP/worker (Real GDP at constant 2005 national prices).

3. Challenges to the sustainability of the Brazilian inclusive growth

Average growth rate of labor income by percentile of the distribution of per capita income: Brazil 2001-2011



3. Challenges to the sustainability of the Brazilian inclusive growth

Diagram 1: Conditions for a successful productive inclusion

