Visualizing Growth

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Data Definitions & Key Words:

GDP : *Gross Domestic Product, measures the total value of goods and services produced in a country within a specific time frame, indicating its economic size and activity.*

Per-Capita GDP *is the average economic output per person in a country, showing individual wealth on average, basically dividing GDP by population.*

Purchase Power Parity *adjusts GDP for cost of living differences, reflecting real purchasing power across countries.*
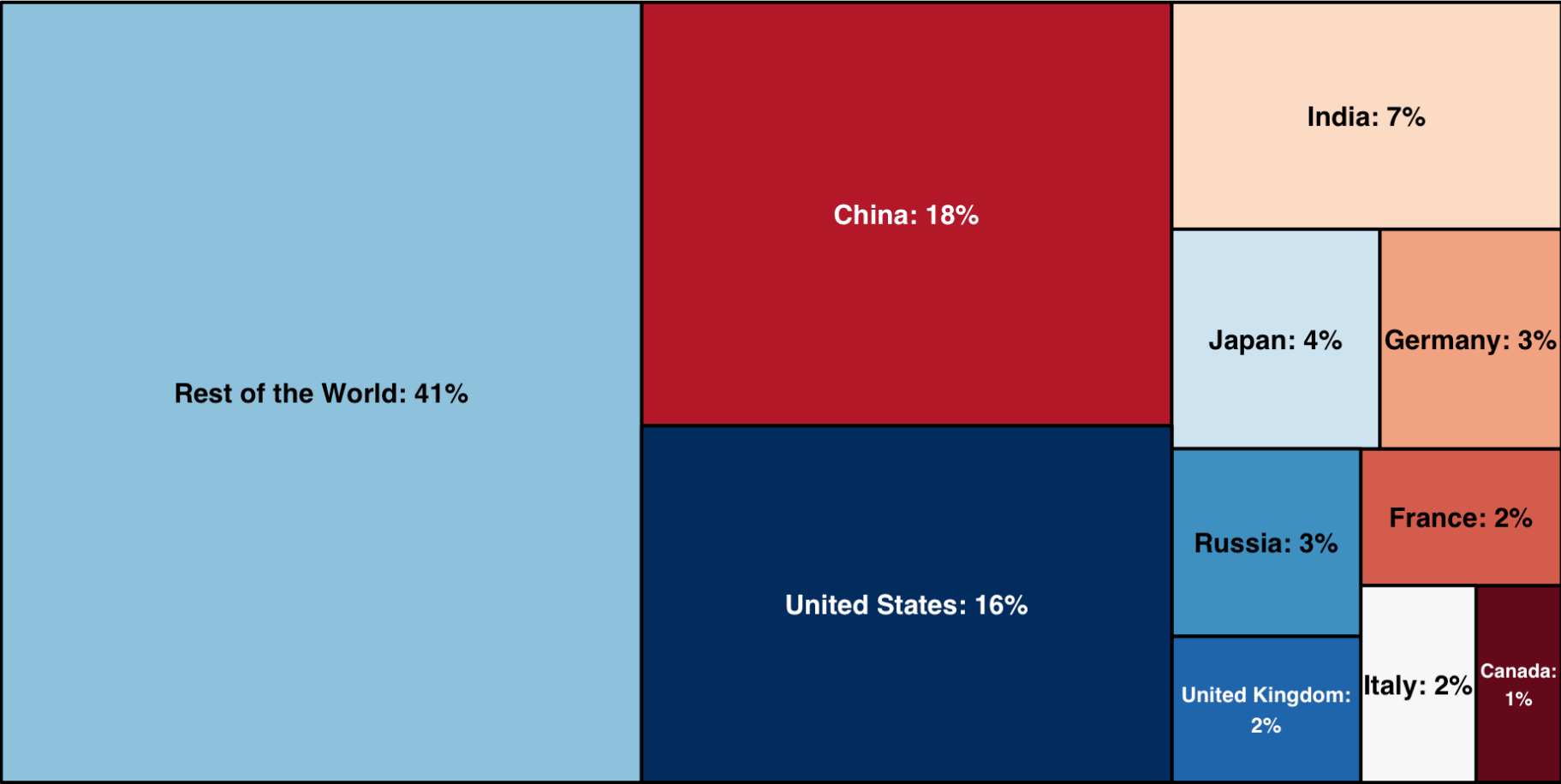
Inflation *is the increase in prices of goods and services over time, reducing the purchasing power of money.*

Which countries contributed most to World's GDP in 2022? And is that all matters?
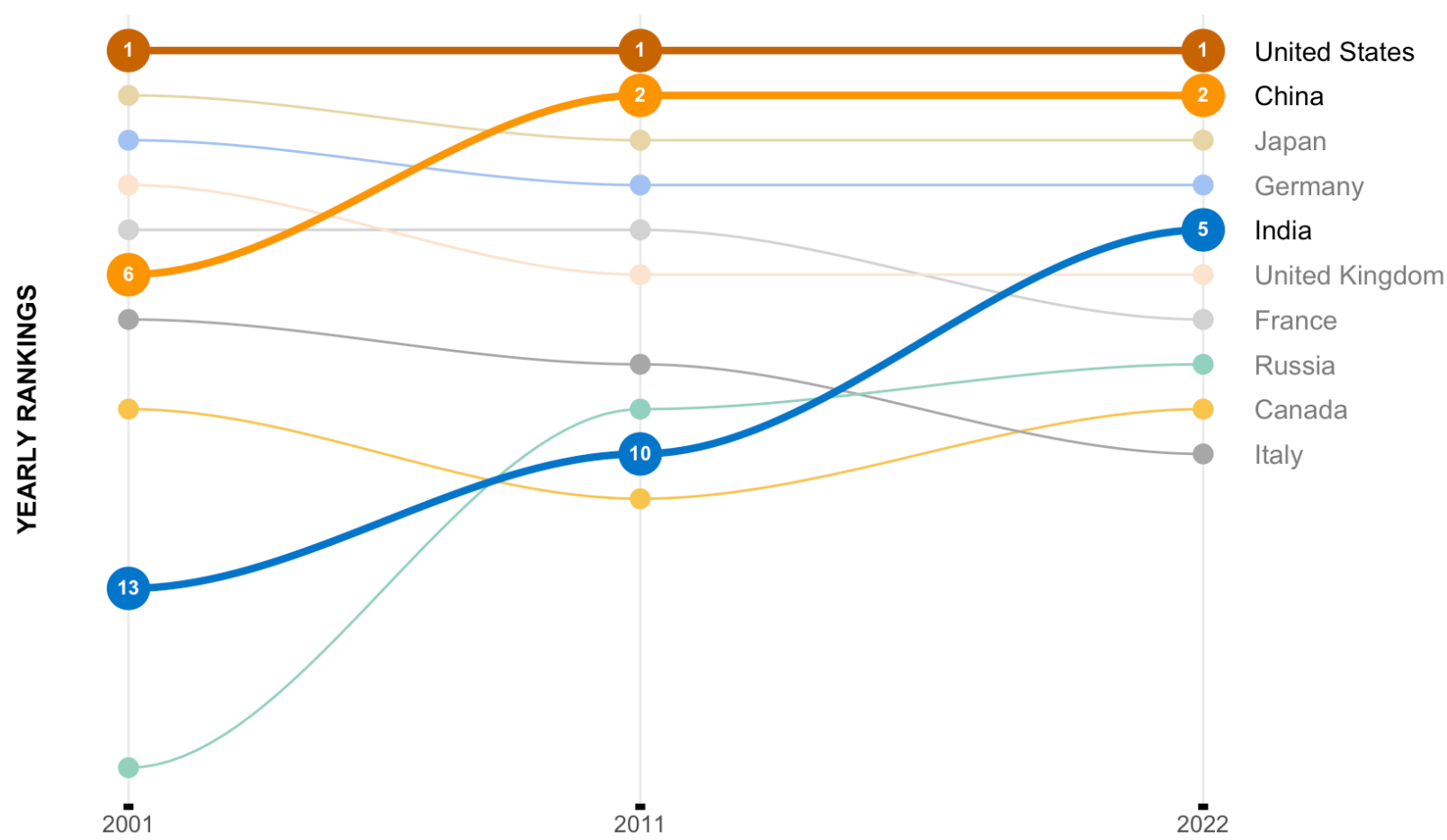
Country's share in global GDP growth, 2022

Rest of the World: 41%

China: 18%

United States: 16%

India: 7%

Japan: 4%

Germany: 3%

Russia: 3%

France: 2%

United Kingdom: 2%

Italy: 2%

Canada: 1%

21ˢᵗ Century saw US sustain its dominance, while emerging Asian powerhouses China and India surge

Countries ranked by GDP size

YEARLY RANKINGS
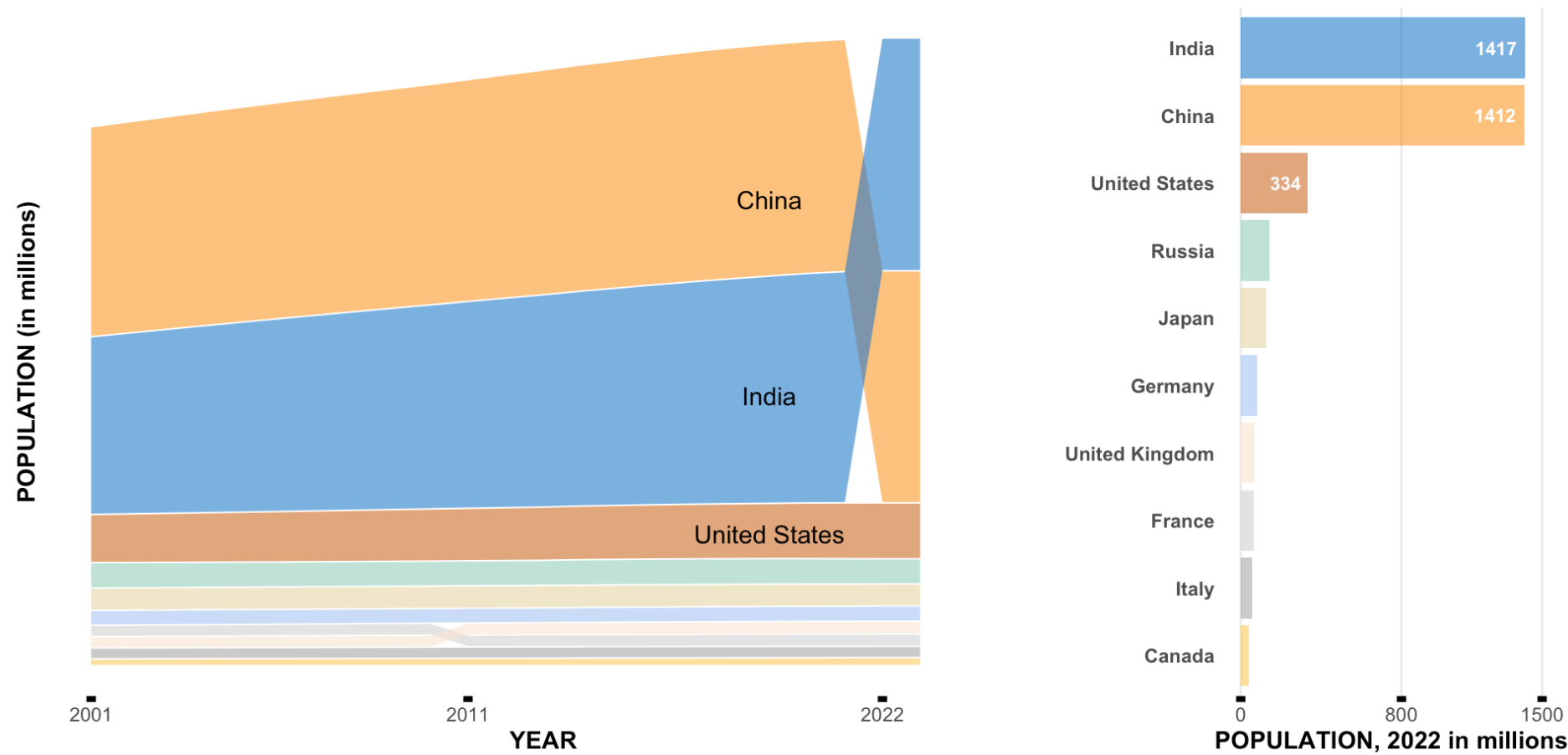
	2001	2011	2022	
United States	1	1	1	
China	6	2	2	
Japan				
Germany				
India	13	10	5	
United Kingdom				
France				
Russia				
Canada				
Italy				

2001   2011   2022

What is their populations? If each country looks so different, is it right to compare by their GDP alone?

Population trends over the past 2 decades, and current standing
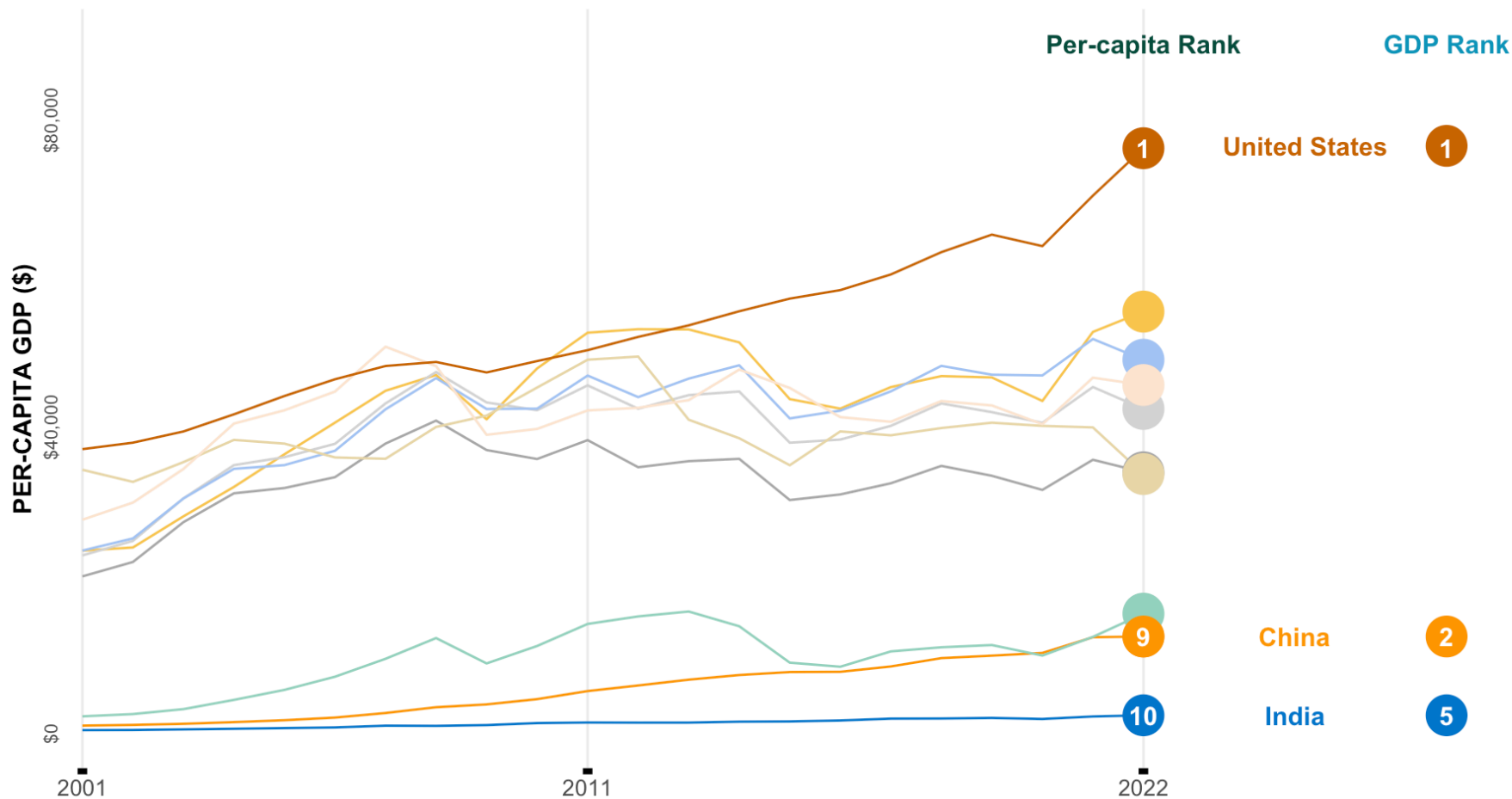
Source: IMF's World Economic Outlook, Oct 2023

POPULATION (in millions)

China

India

United States

YEAR

2001 2011 2022

India — 1417
China — 1412
United States — 334
Russia
Japan
Germany
United Kingdom
France
Italy
Canada

0 800 1500

POPULATION, 2022 in millions

Beyond sheer GDP numbers, economic prosperity requires a look at per-capita incomes

Tracking top 10 countries on per-capita GDP, A comparison among peers

Source: IMF's World Economic Outlook, Oct 2023

Per-capita Rank   GDP Rank

PER-CAPITA GDP ($)

$80,000

$40,000

$0

1   United States   1

9   China   2

10   India   5

2001   2011   2022

Not all countries have had the same trajectory in Inflation, so is it right to compare countries based on GDP?
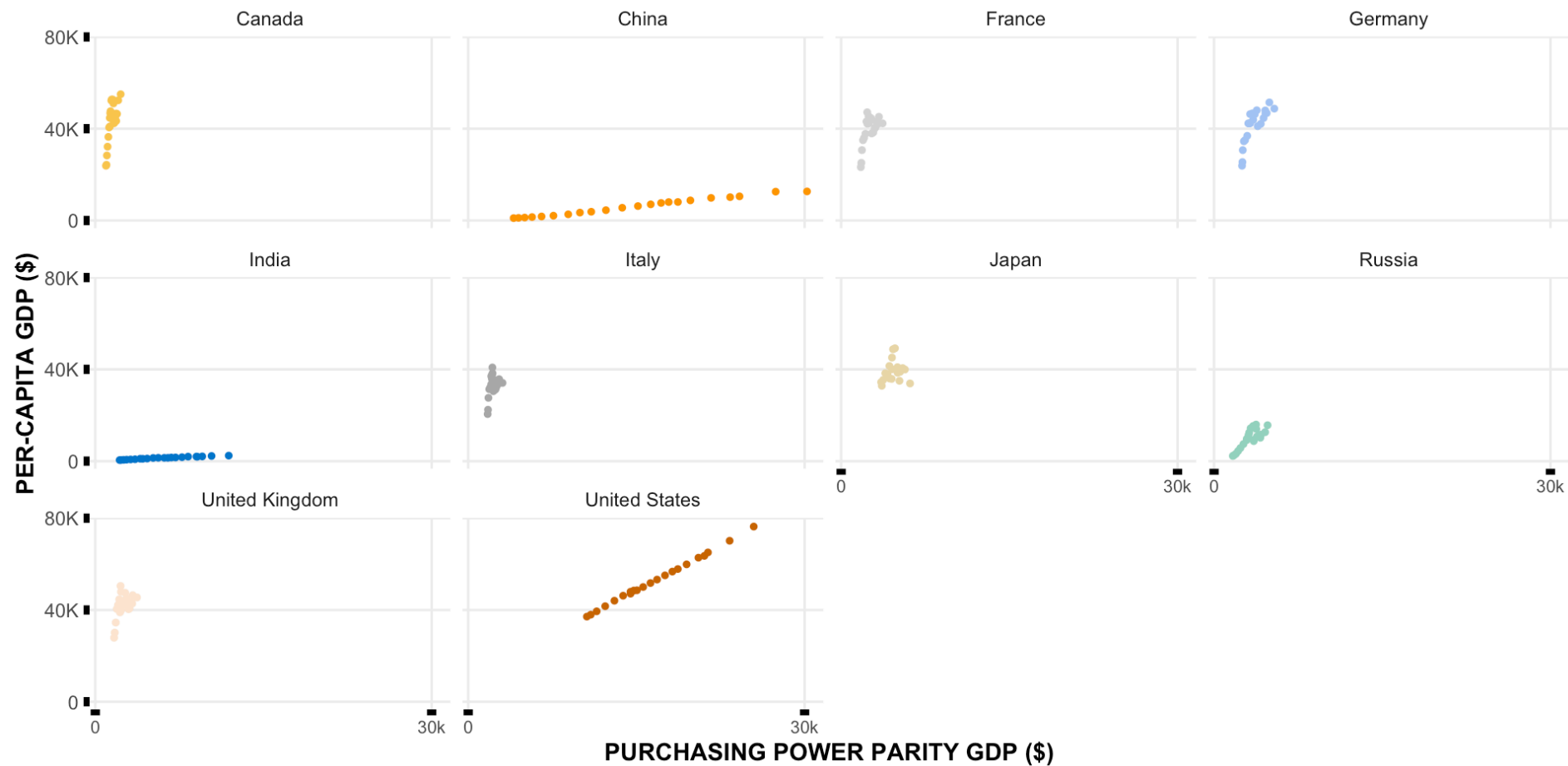
Inflation across countries (% change)

Source: IMF's World Economic Outlook, Oct 2023
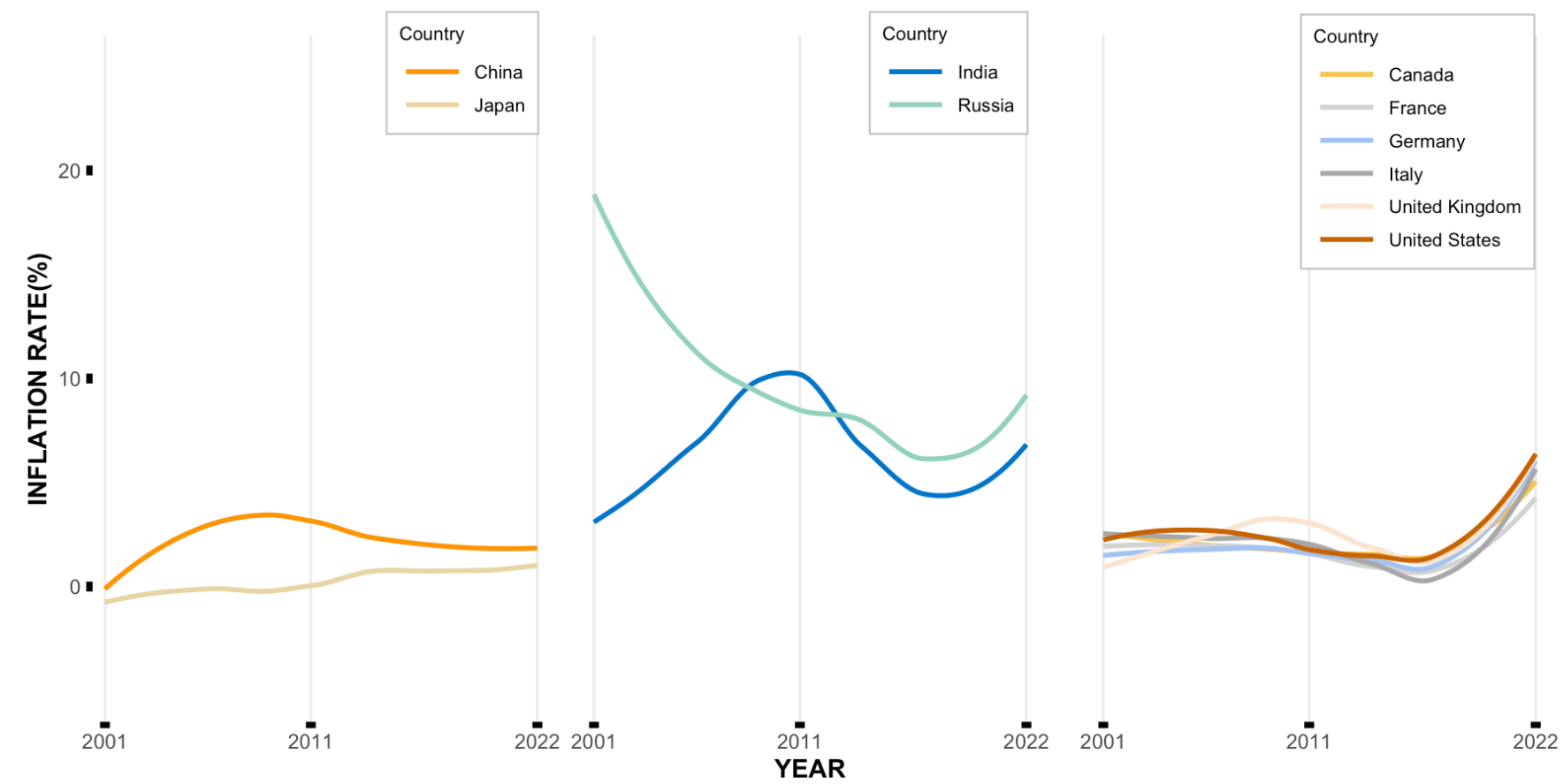
A complex yet compelling story - China's ascendancy in Purchasing Power Parity as it surpasses even US
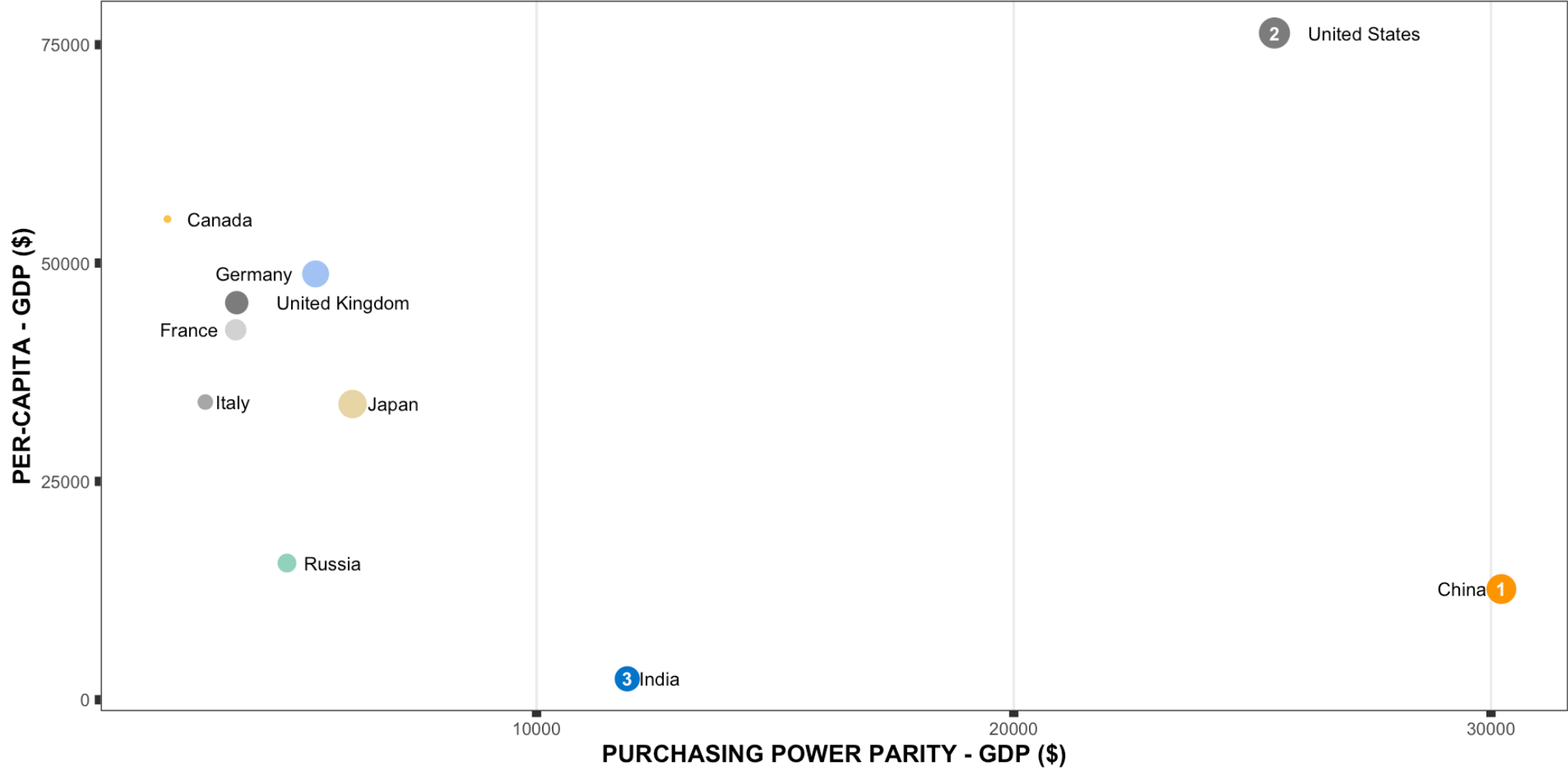
Plotting the comparative growth of Economies

PER-CAPITA GDP ($)

PURCHASING POWER PARITY GDP ($)

Canada

China

France

Germany

India

Italy

Japan

Russia

United Kingdom

United States

Hello! World. Meet the actual real big economies

Standings on Purchase Power Parity Terms, 2022

Source: IMF's World Economic Outlook, Oct 2023

Scatter plot with X-axis labeled "PURCHASING POWER PARITY - GDP ($)" ranging 0 to 30000, and Y-axis labeled "PER-CAPITA - GDP ($)" ranging 0 to 75000.

- **2** United States (~26000, ~76000)
- Canada (~1500, 56000)
- Germany (~4500, 48500)
- United Kingdom (~3000, 45000)
- France (~3000, 42000)
- Italy (~2000, 34000)
- Japan (~5500, 33000)
- Russia (~4000, 14000)
- China **1** (~30000, 12000)
- **3** India (~12000, 3000)

Thank You!

….please refer to our Tableau Dashboard for more country-specific insights