

Country Data and Graphs for Hungary

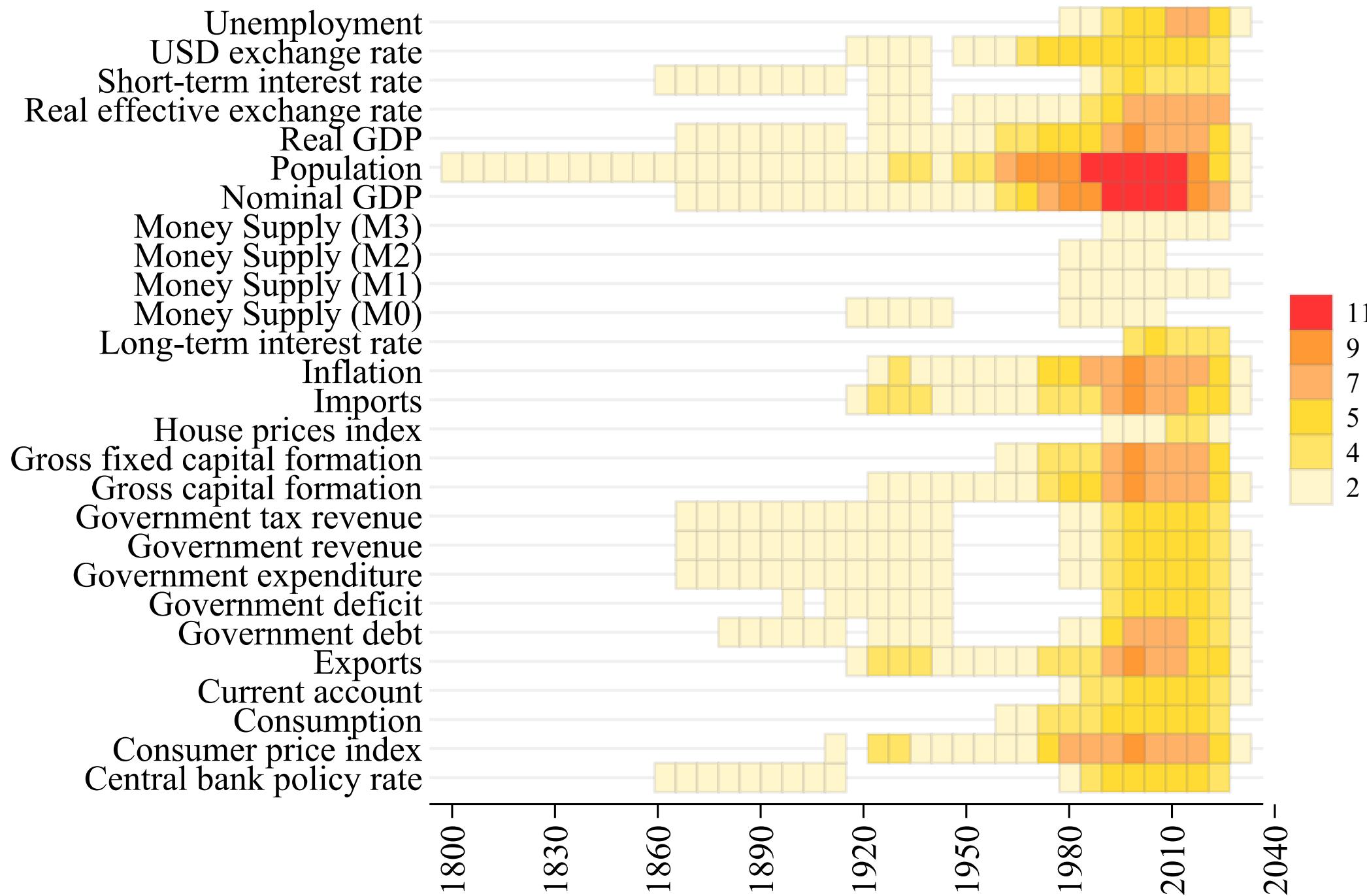
January 31, 2025

Contents

Data availability heatmap	3
Current account balance	4
Consumer price index	5
House price index	6
Money supply (M0)	7
Money supply (M1)	8
Money supply (M2)	9
Money supply (M3)	10
Real effective exchange rate	11
USD exchange rate	12
Central bank policy rate	13
Total consumption	14
Total consumption to GDP ratio	15
Exports	16
Exports to GDP ratio	17
Fixed investment	18
Fixed investment to GDP ratio	19
Government debt	20
Government deficit	21
Government expenditure	22
Government expenditure to GDP ratio	23
Government revenue	24
Government revenue to GDP ratio	25
Government tax revenue	26
Government tax revenue to GDP ratio	27
Imports	28

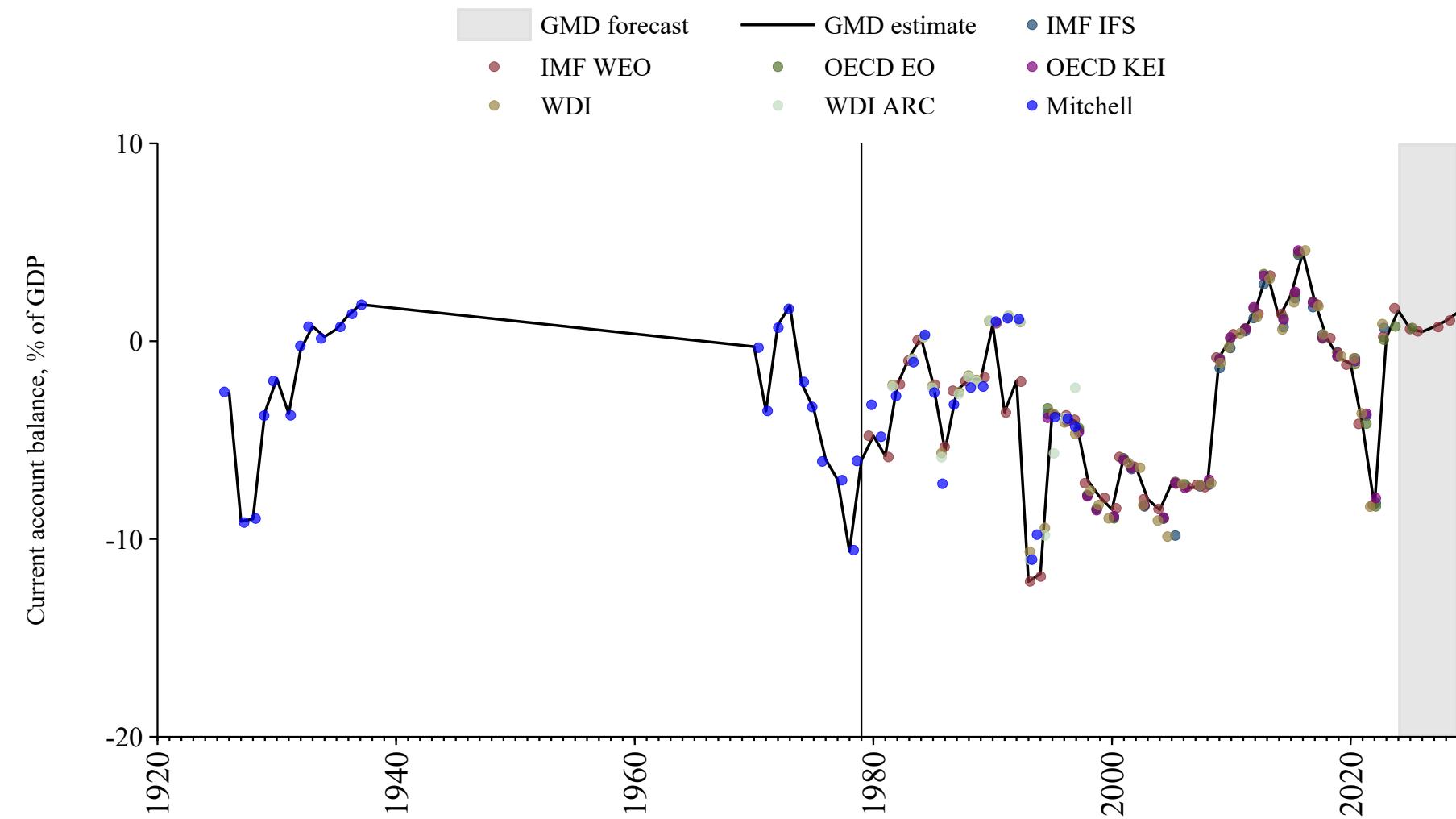
Imports to GDP ratio	29
Inflation	30
Investment	31
Investment to GDP ratio	32
Long term interest rate	33
Nominal GDP	34
Population	35
Real GDP	36
Real total consumption	37
Short term interest rate	38
Unemployment	39
References	40

Data availability heatmap



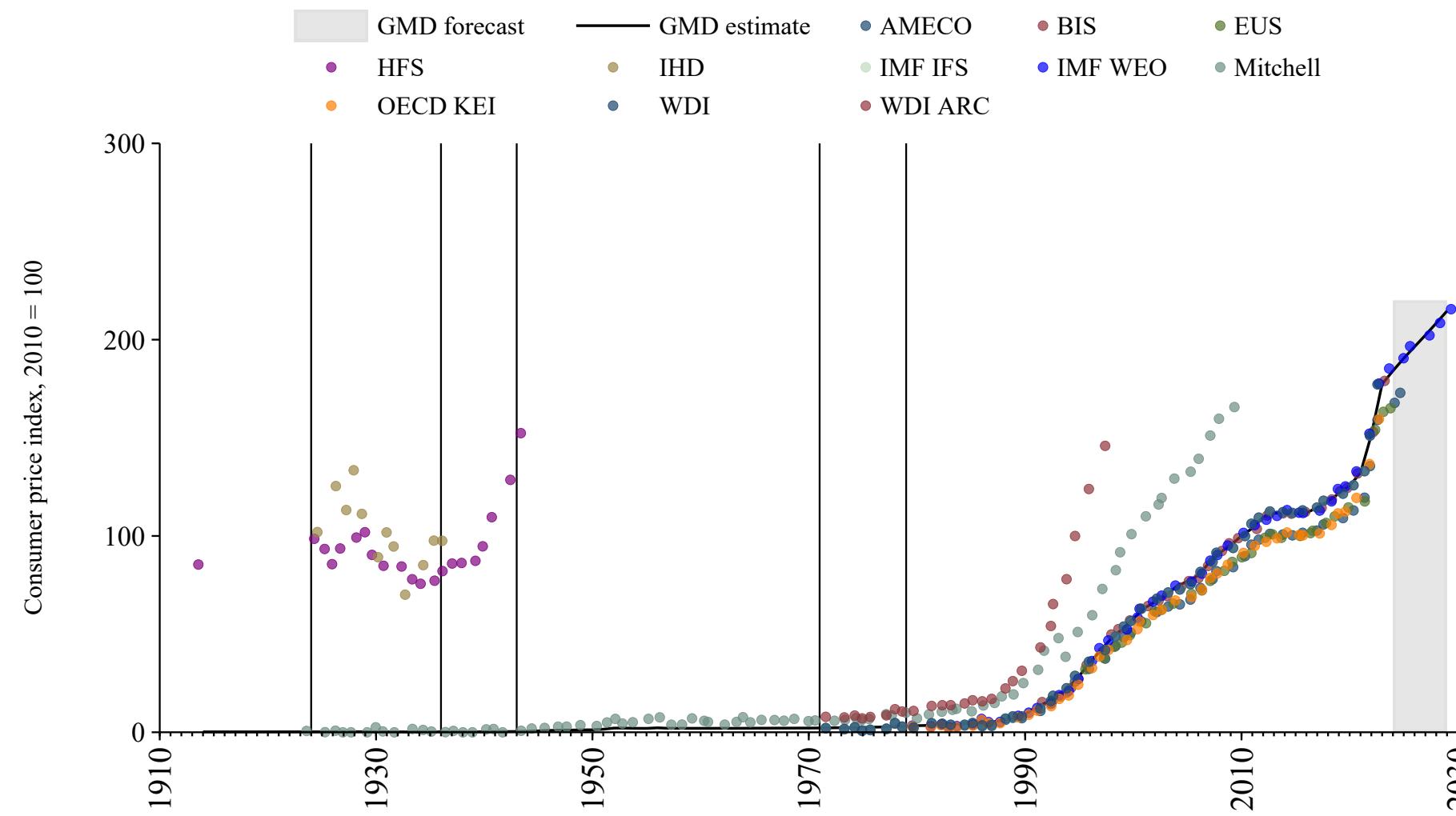
Current account balance

Source	Time span	Notes
Mitchell (2013)	1926 - 1979	Spliced using overlapping data in 1980
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018



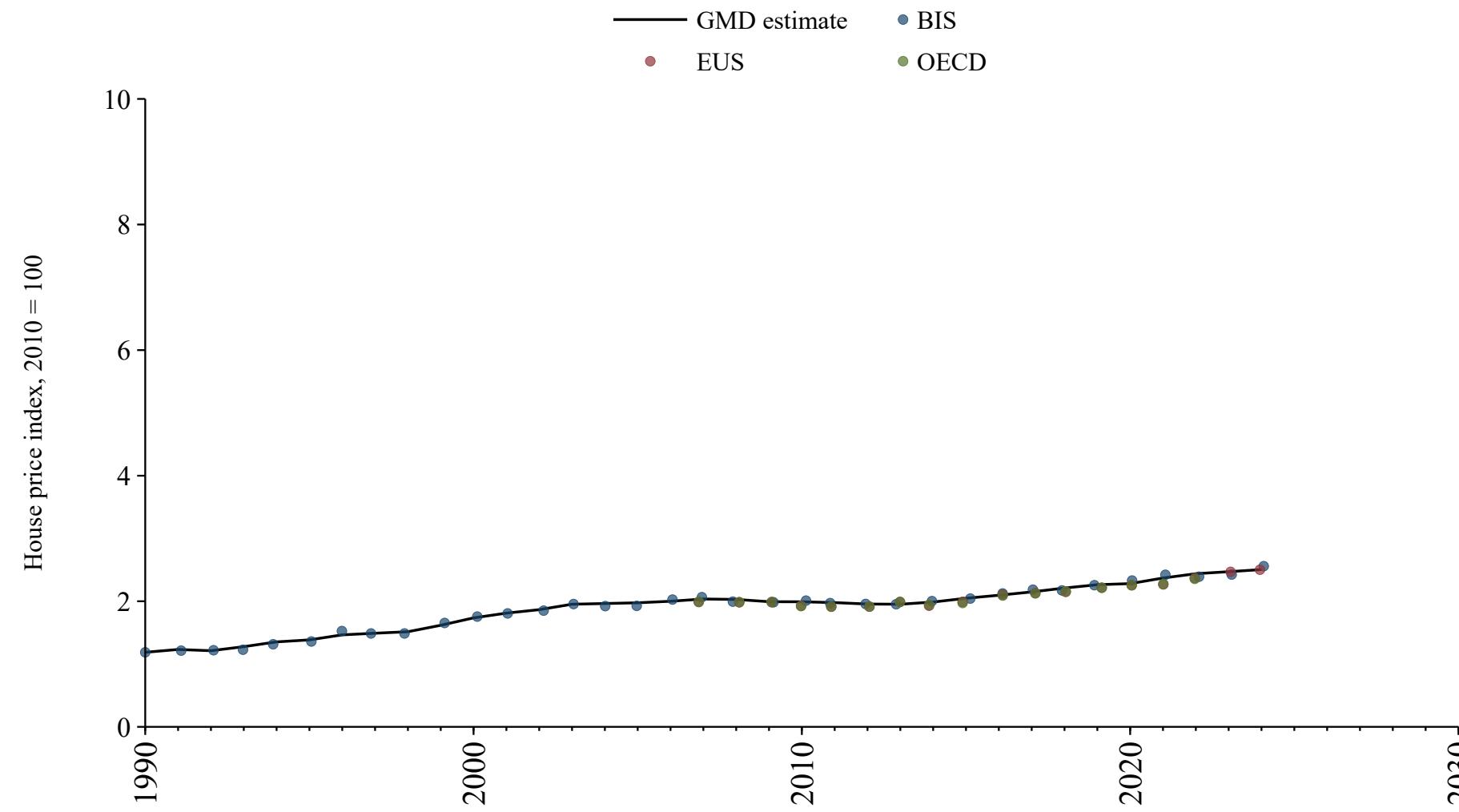
Consumer price index

Source	Time span	Notes
Schuler (2015)	1914 - 1924	Spliced using overlapping data in 1925: (ratio = .2%).
Ellison et al. (2024)	1925 - 1936	Spliced using overlapping data in 1937: (ratio = .2%).
Schuler (2015)	1937 - 1943	Spliced using overlapping data in 1944: (ratio = .3%).
Mitchell (2013)	1944 - 1971	Spliced using overlapping data in 1972: (ratio = 38%).
International Monetary Fund (2024b)	1972 - 1979	Spliced using overlapping data in 1980: (ratio = 101.2%).
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018



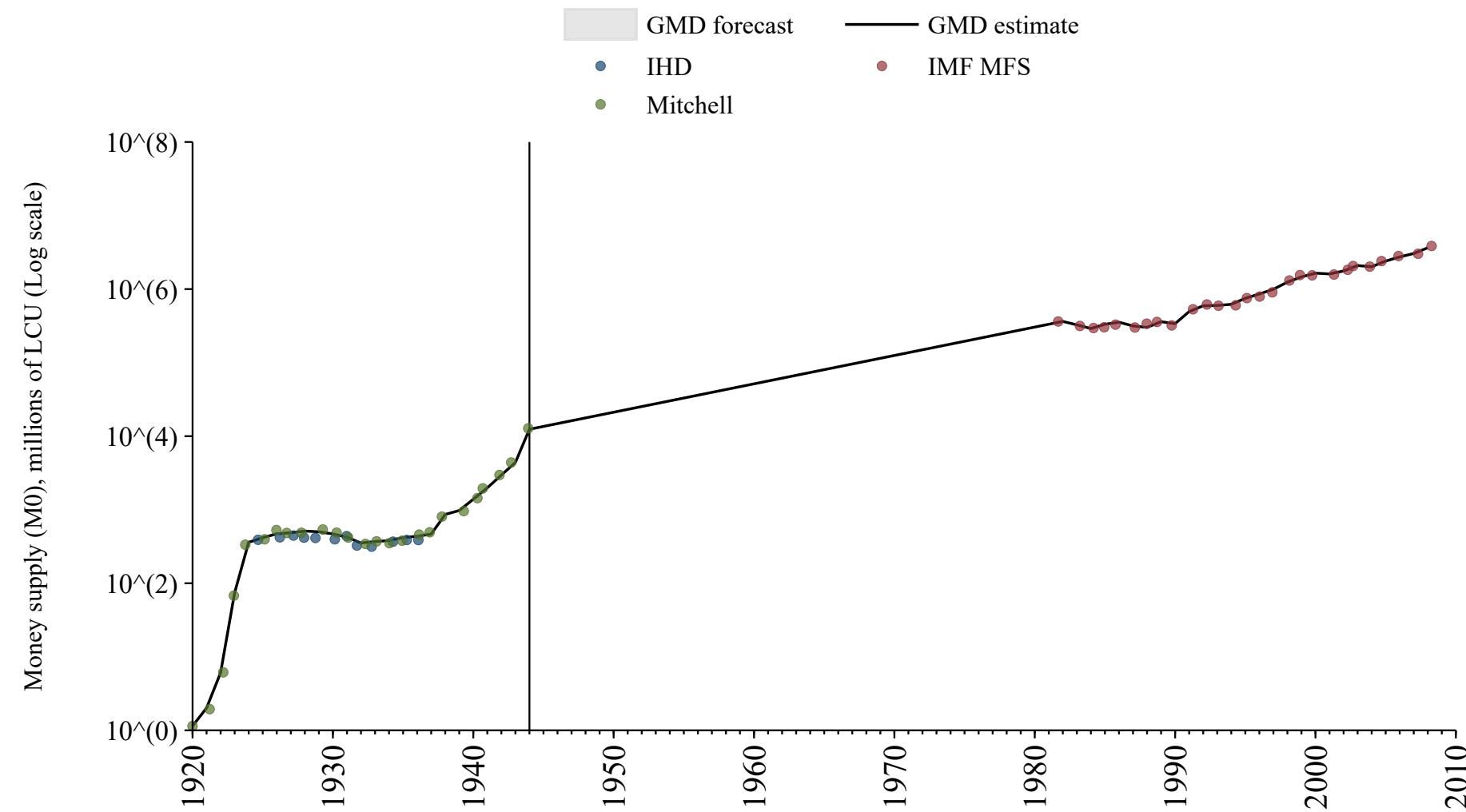
House price index

Source	Time span	Notes
Bank for International Settlements (2024)	1990 - 2024	Baseline source, overlaps with base year 2018



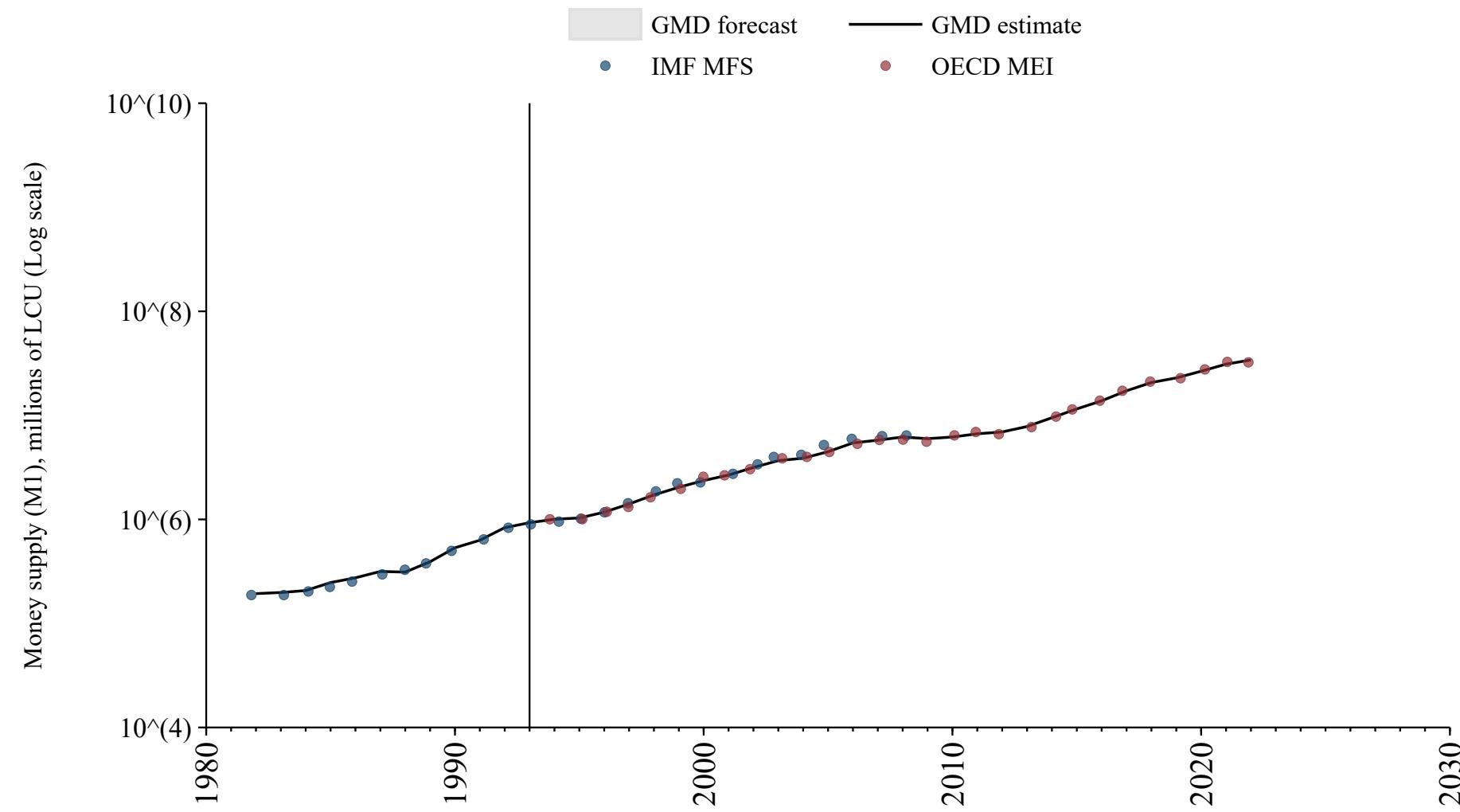
Money supply (M0)

Source	Time span	Notes
Mitchell (2013)	1920 - 1944	Spliced using overlapping data in 1945
International Monetary Fund (2024c)	1945 - 2008	Spliced using overlapping data in 2009



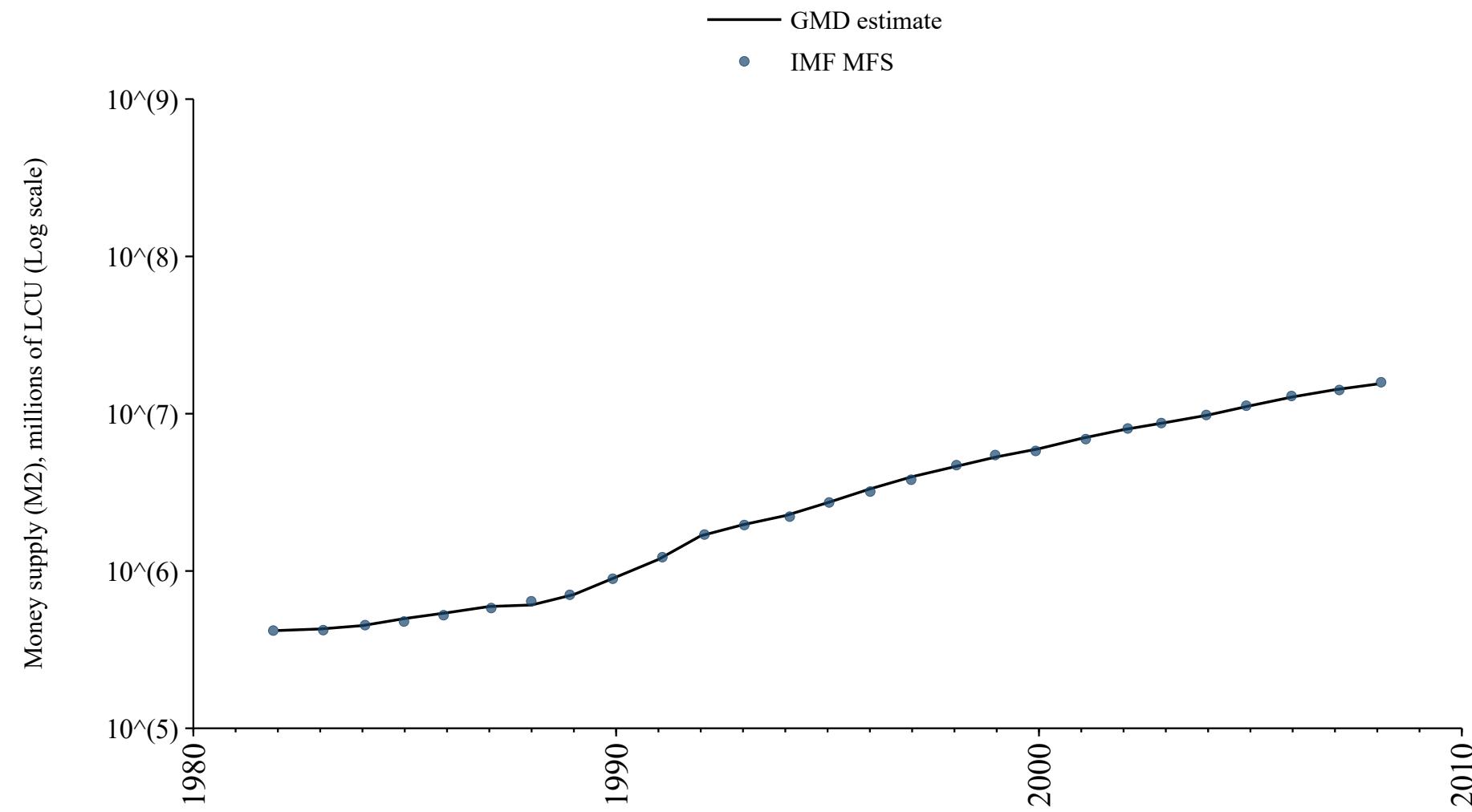
Money supply (M1)

Source	Time span	Notes
International Monetary Fund (2024c)	1982 - 1993	Spliced using overlapping data in 1994: (ratio = 103.1%).
OECD (2024b)	1994 - 2022	Baseline source, overlaps with base year 2018



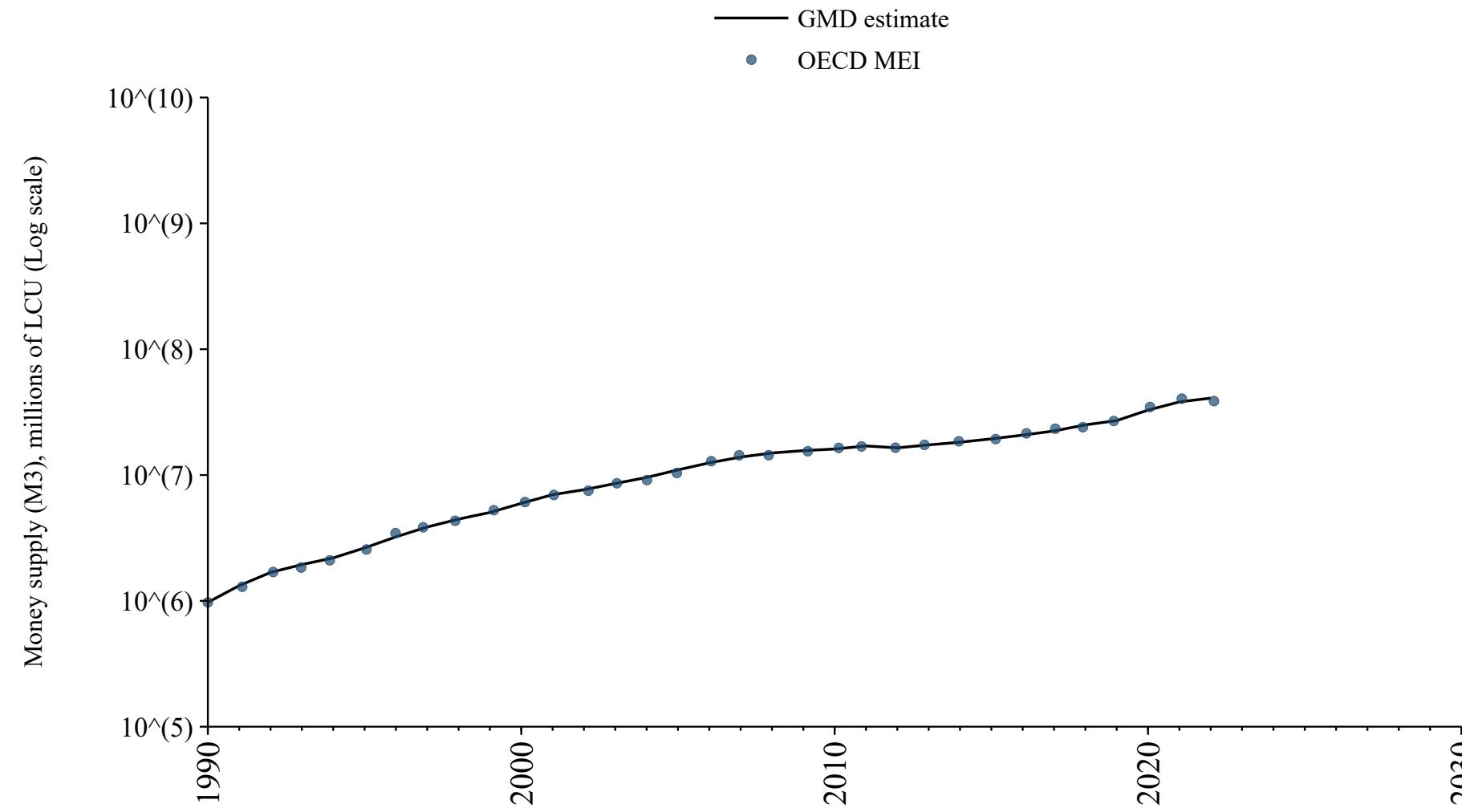
Money supply (M2)

Source	Time span	Notes
International Monetary Fund (2024c)	1982 - 2008	Spliced using overlapping data in 2009



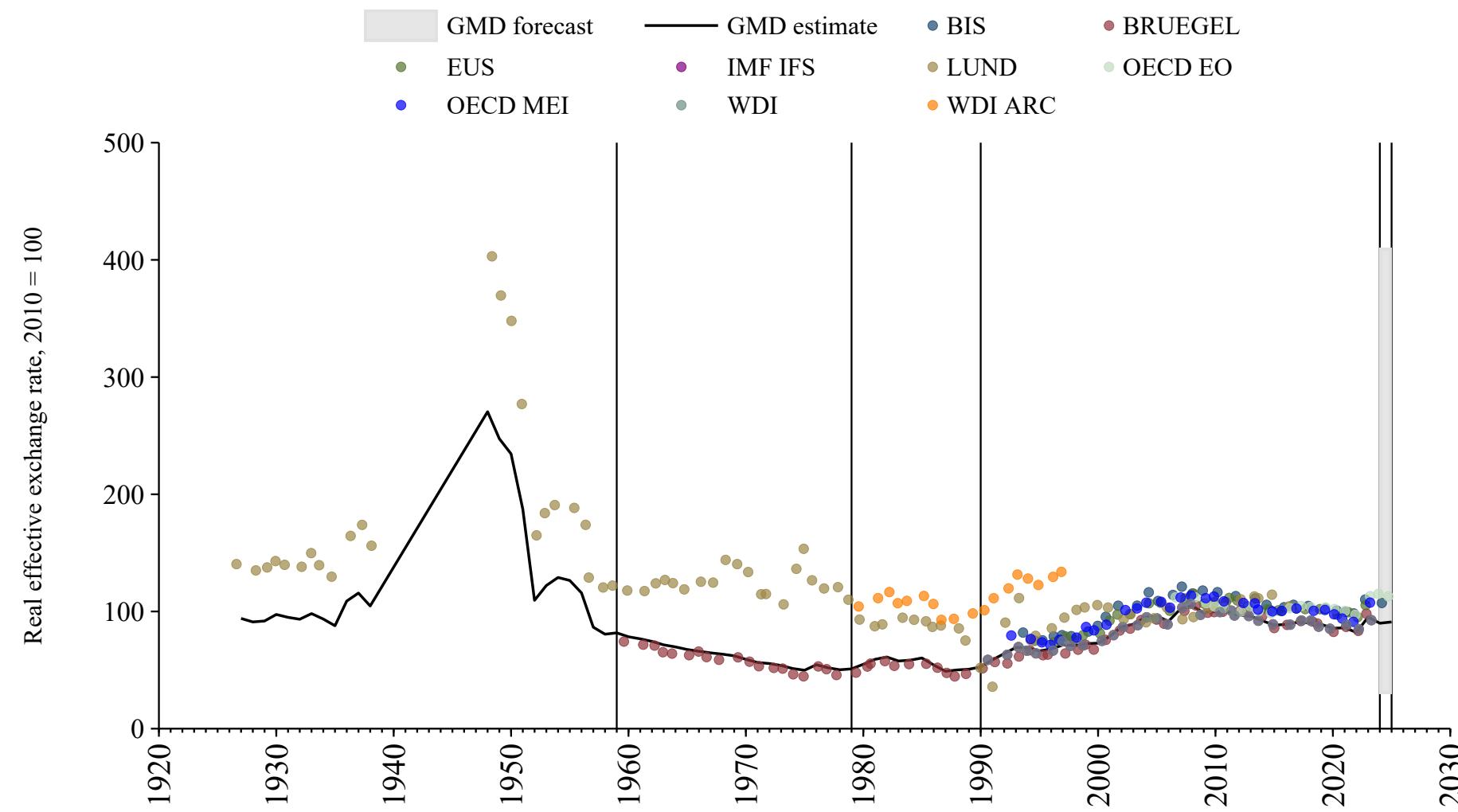
Money supply (M3)

Source	Time span	Notes
OECD (2024b)	1990 - 2022	Baseline source, overlaps with base year 2018



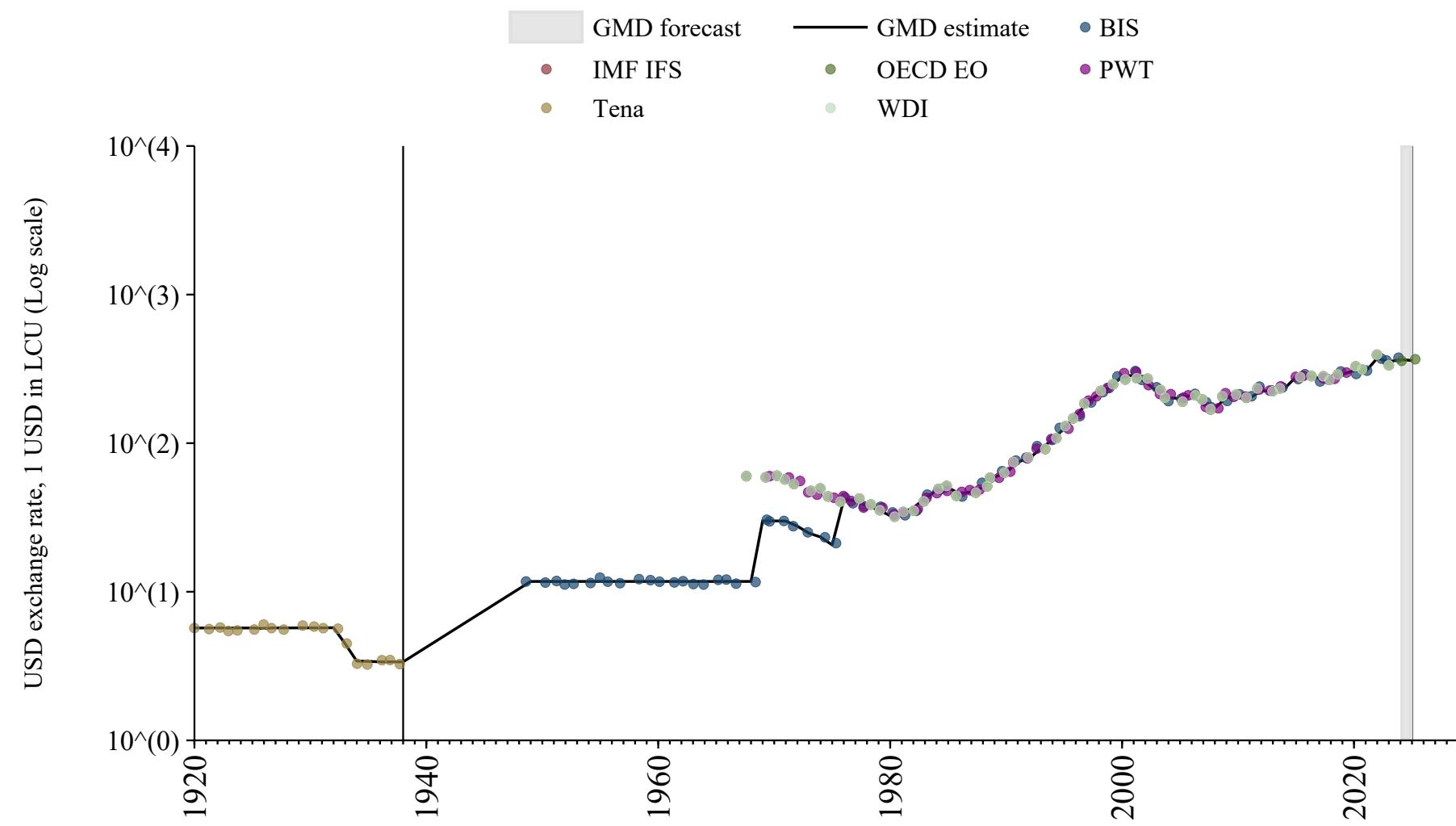
Real effective exchange rate

Source	Time span	Notes
Ljungberg (2019)	1927 - 1959	Spliced using overlapping data in 1960: (ratio = 67%).
Darvas (2021)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 105.5%).
World Bank (Archives) (1999)	1980 - 1990	Spliced using overlapping data in 1991: (ratio = 52.7%).
World Bank (2024)	1991 - 2023	Baseline source, overlaps with base year 2018
Bank for International Settlements (2024)	2024 - 2024	Spliced using overlapping data in 2025: (ratio = 86%).
OECD Economic Outlook (2024)	2025 - 2025	Spliced using overlapping data in 2026: (ratio = 79.3%).



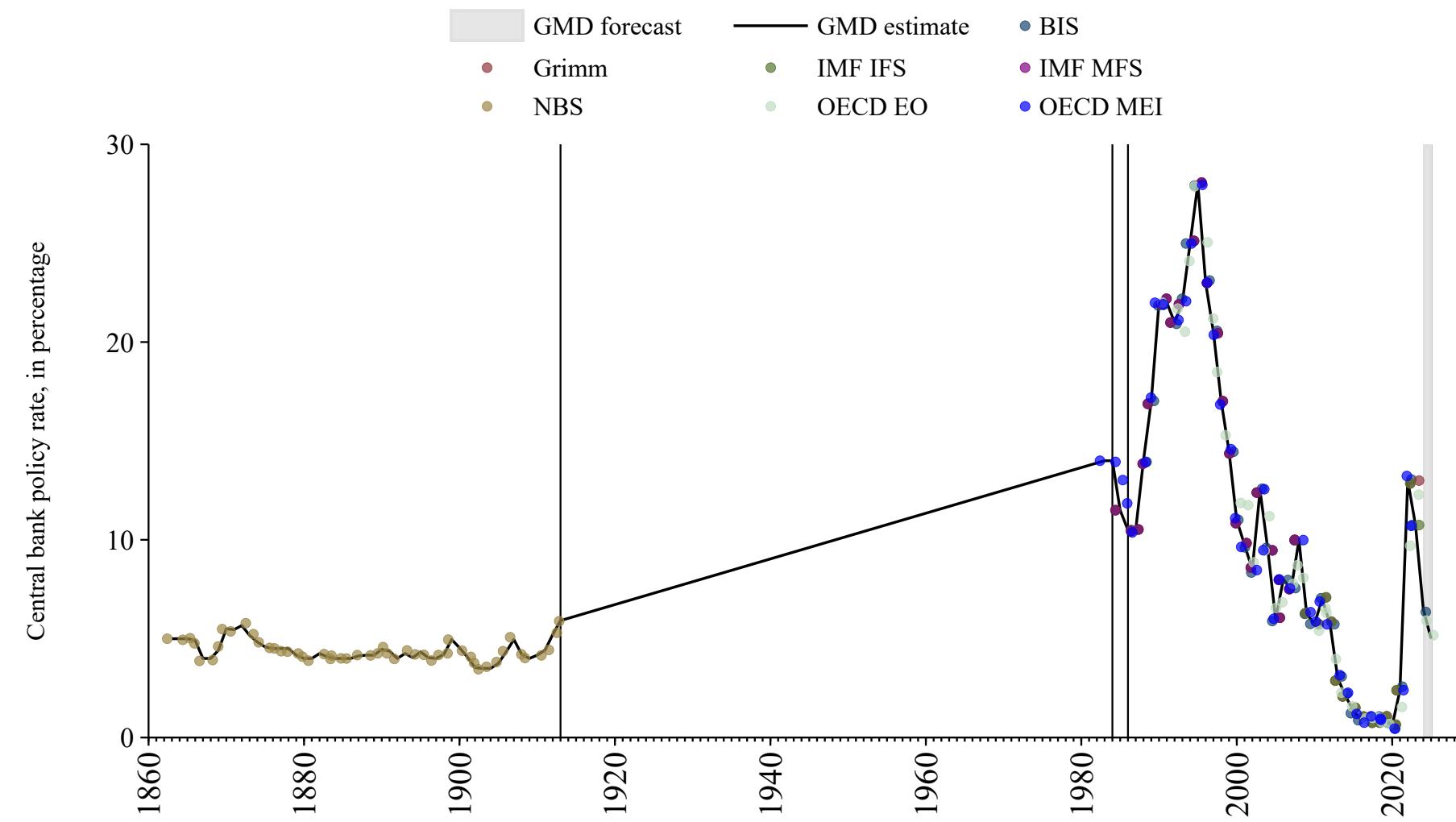
USD exchange rate

Source	Time span	Notes
Federico and Tena-Junguito (2019)	1920 - 1938	Spliced using overlapping data in 1939
Bank for International Settlements (2024)	1939 - 2024	Baseline source, overlaps with base year 2018
OECD Economic Outlook (2024)	2025 - 2025	Spliced using overlapping data in 2026



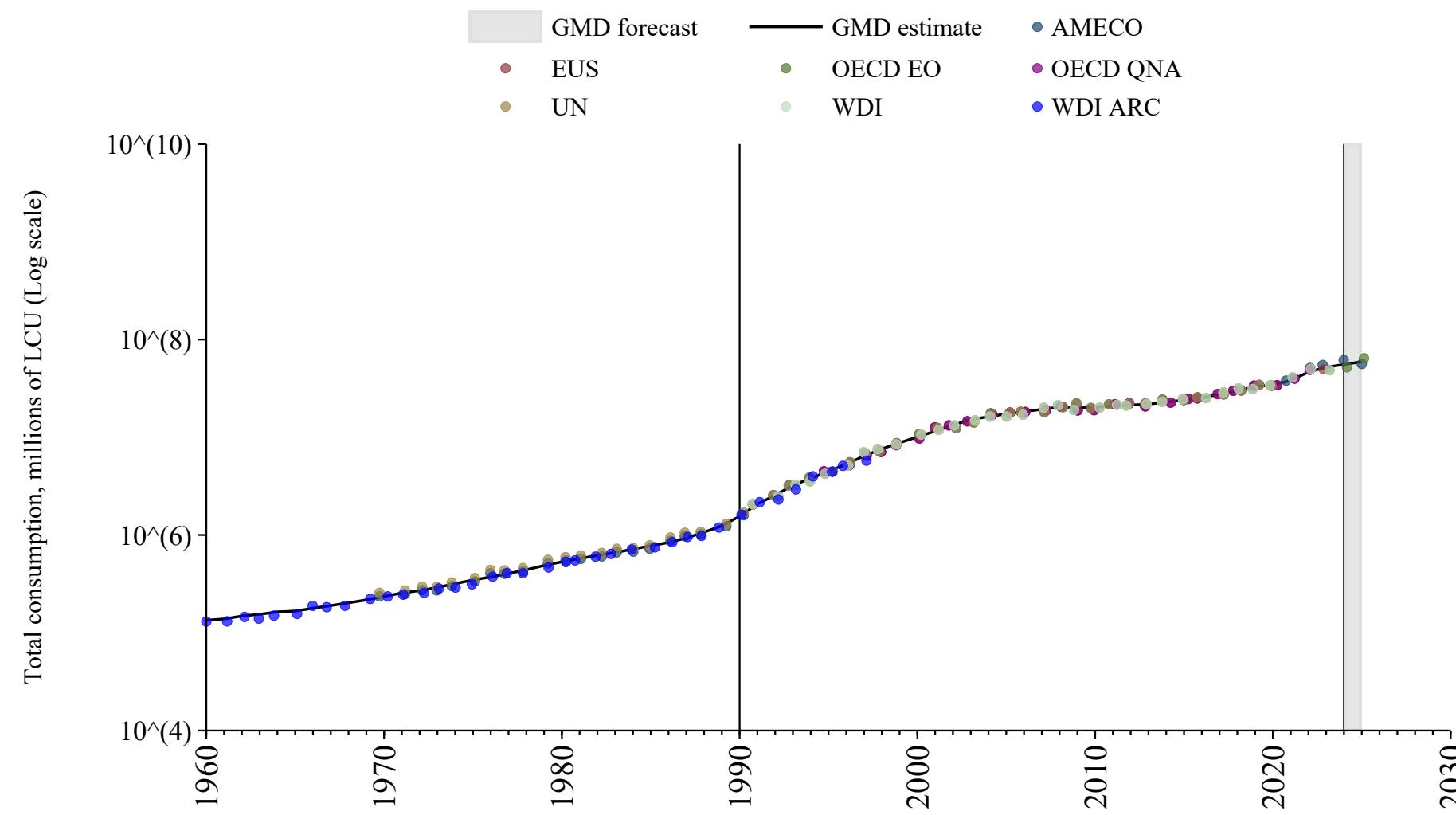
Central bank policy rate

Source	Time span	Notes
National Bank of Serbia (2024)	1863 - 1913	Spliced using overlapping data in 1914
OECD (2024b)	1914 - 1984	Spliced using overlapping data in 1985
International Monetary Fund (2024c)	1985 - 1986	Spliced using overlapping data in 1987
Bank for International Settlements (2024)	1987 - 2024	Baseline source, overlaps with base year 2018
OECD Economic Outlook (2024)	2025 - 2025	Spliced using overlapping data in 2026



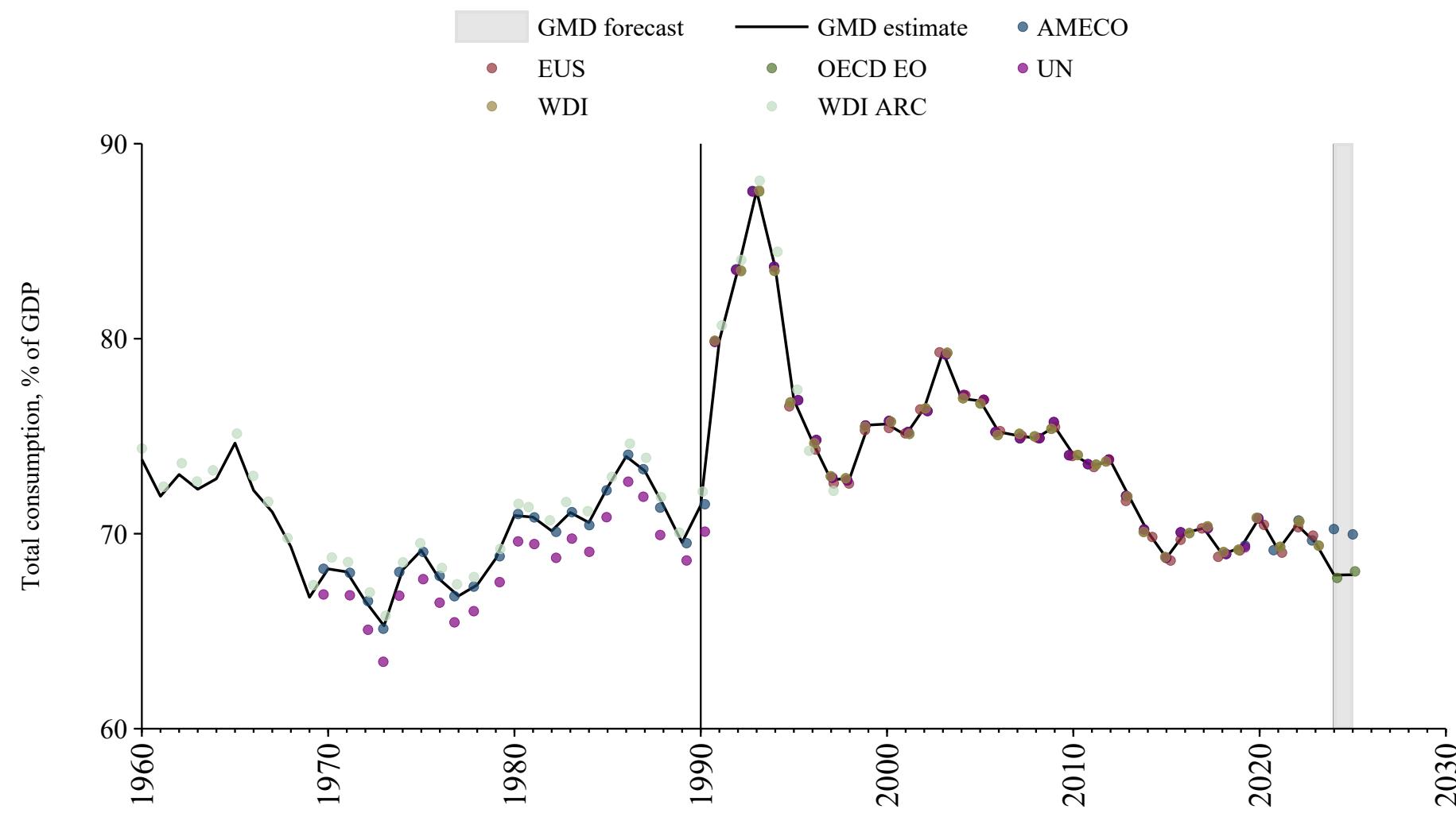
Total consumption

Source	Time span	Notes
World Bank (Archives) (1999)	1960 - 1990	Spliced using overlapping data in 1991: (ratio = 103.2%).
World Bank (2024)	1991 - 2023	Baseline source, overlaps with base year 2018
OECD Economic Outlook (2024)	2024 - 2025	Spliced using overlapping data in 2026



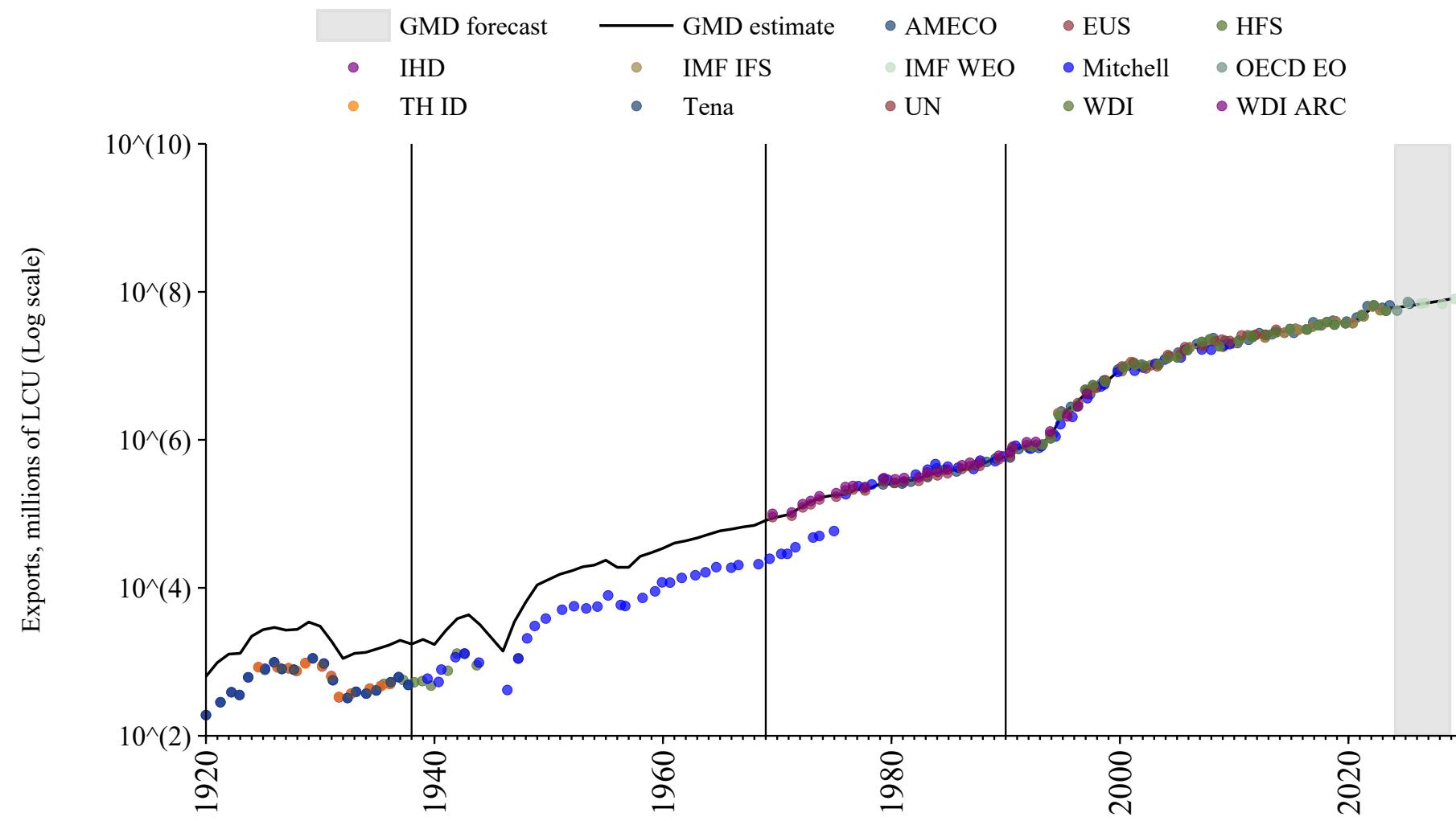
Total consumption to GDP ratio

Source	Time span	Notes
World Bank (Archives) (1999)	1960 - 1990	Spliced using overlapping data in 1991: (ratio = 99.2%).
World Bank (2024)	1991 - 2023	Baseline source, overlaps with base year 2018
OECD Economic Outlook (2024)	2024 - 2025	Spliced using overlapping data in 2026



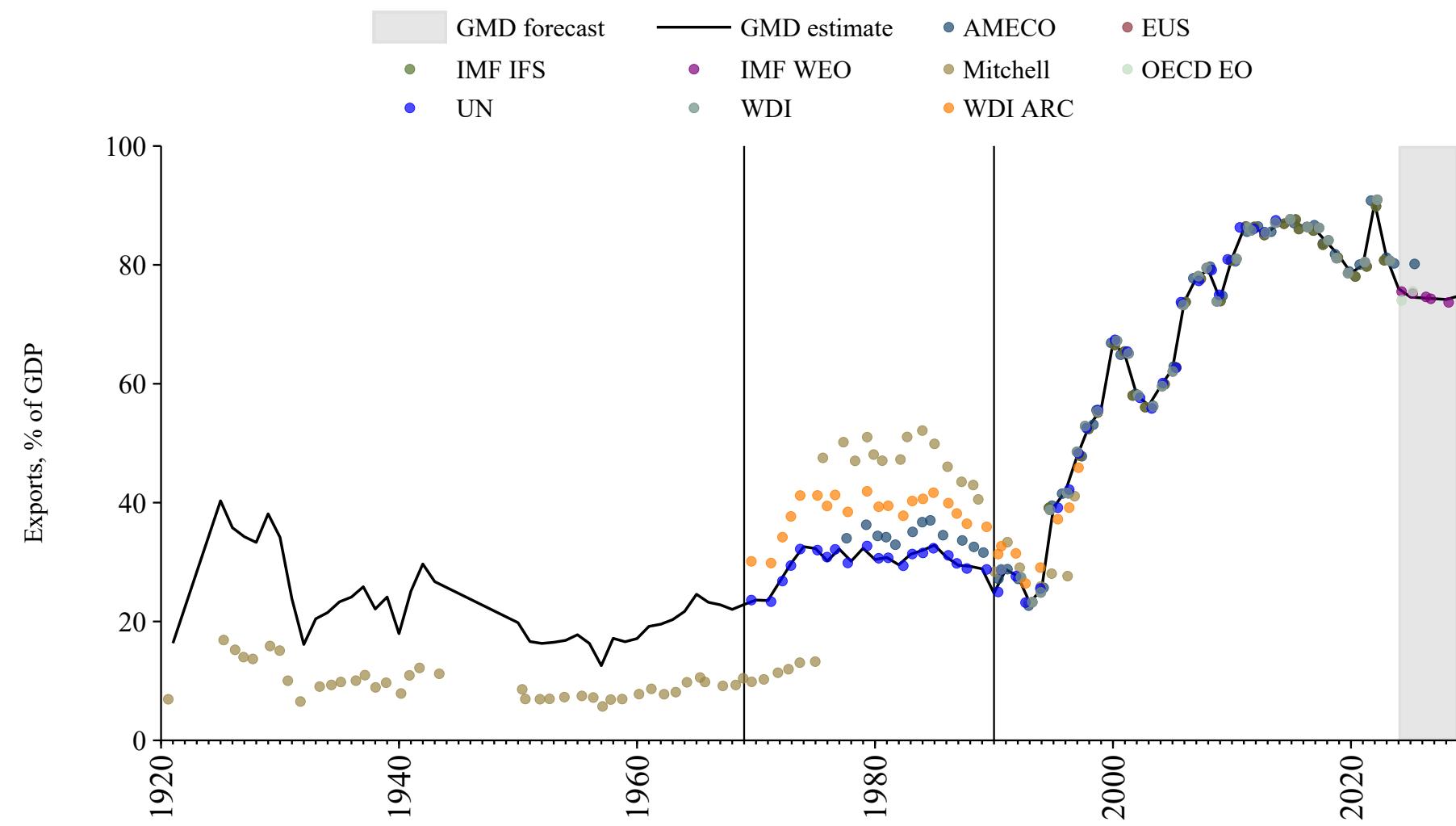
Exports

Source	Time span	Notes
Federico and Tena-Junguito (2019)	1920 - 1938	Spliced using overlapping data in 1939: (ratio = 332.5%).
Mitchell (2013)	1939 - 1969	Spliced using overlapping data in 1970: (ratio = 332.7%).
United Nations (2024)	1970 - 1990	Spliced using overlapping data in 1991
WEO (2024)	1991 - 2029	Baseline source, overlaps with base year 2018



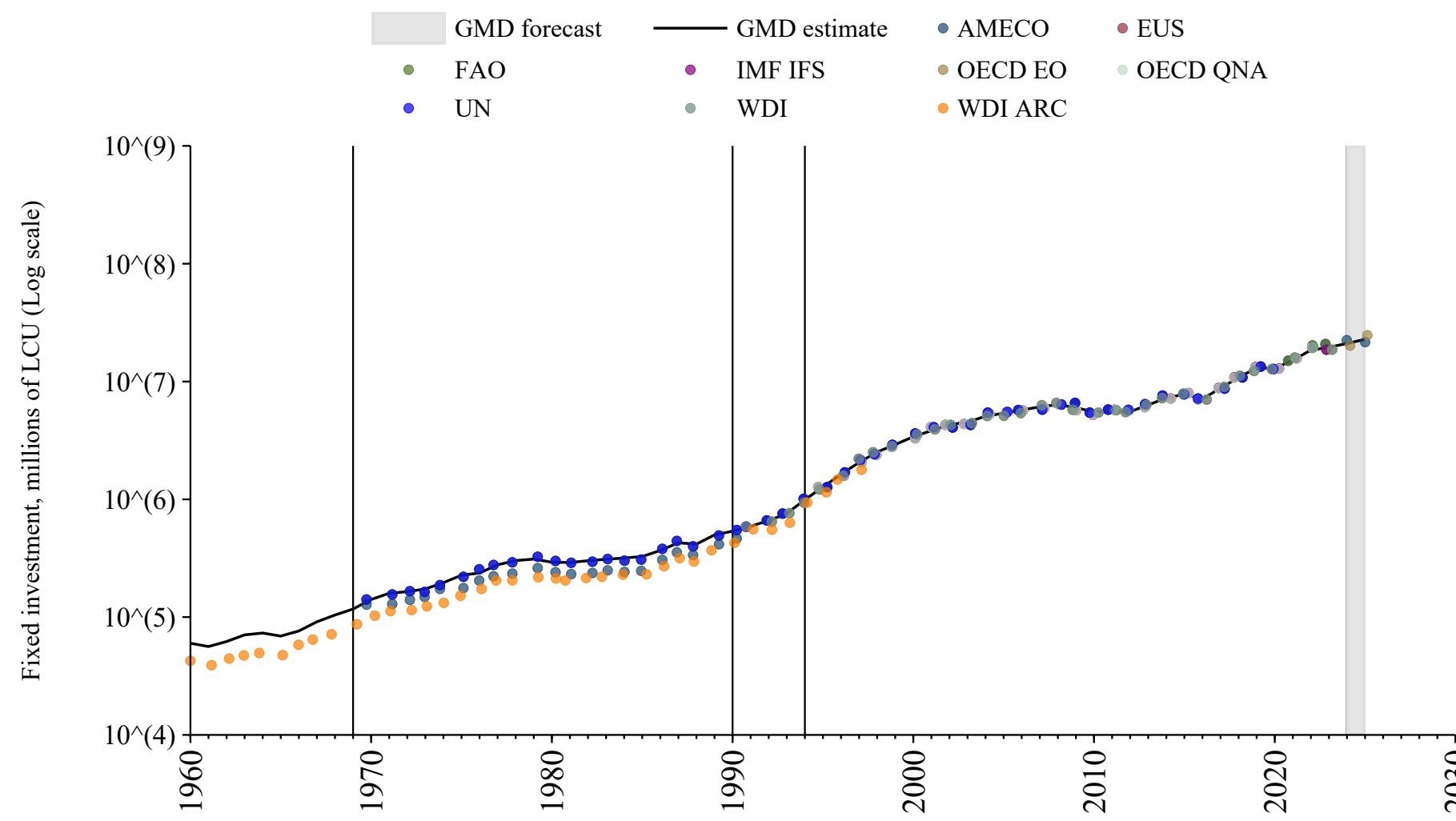
Exports to GDP ratio

Source	Time span	Notes
Mitchell (2013)	1921 - 1969	Spliced using overlapping data in 1970: (ratio = 236.1%).
United Nations (2024)	1970 - 1990	Spliced using overlapping data in 1991
WEO (2024)	1991 - 2029	Baseline source, overlaps with base year 2018



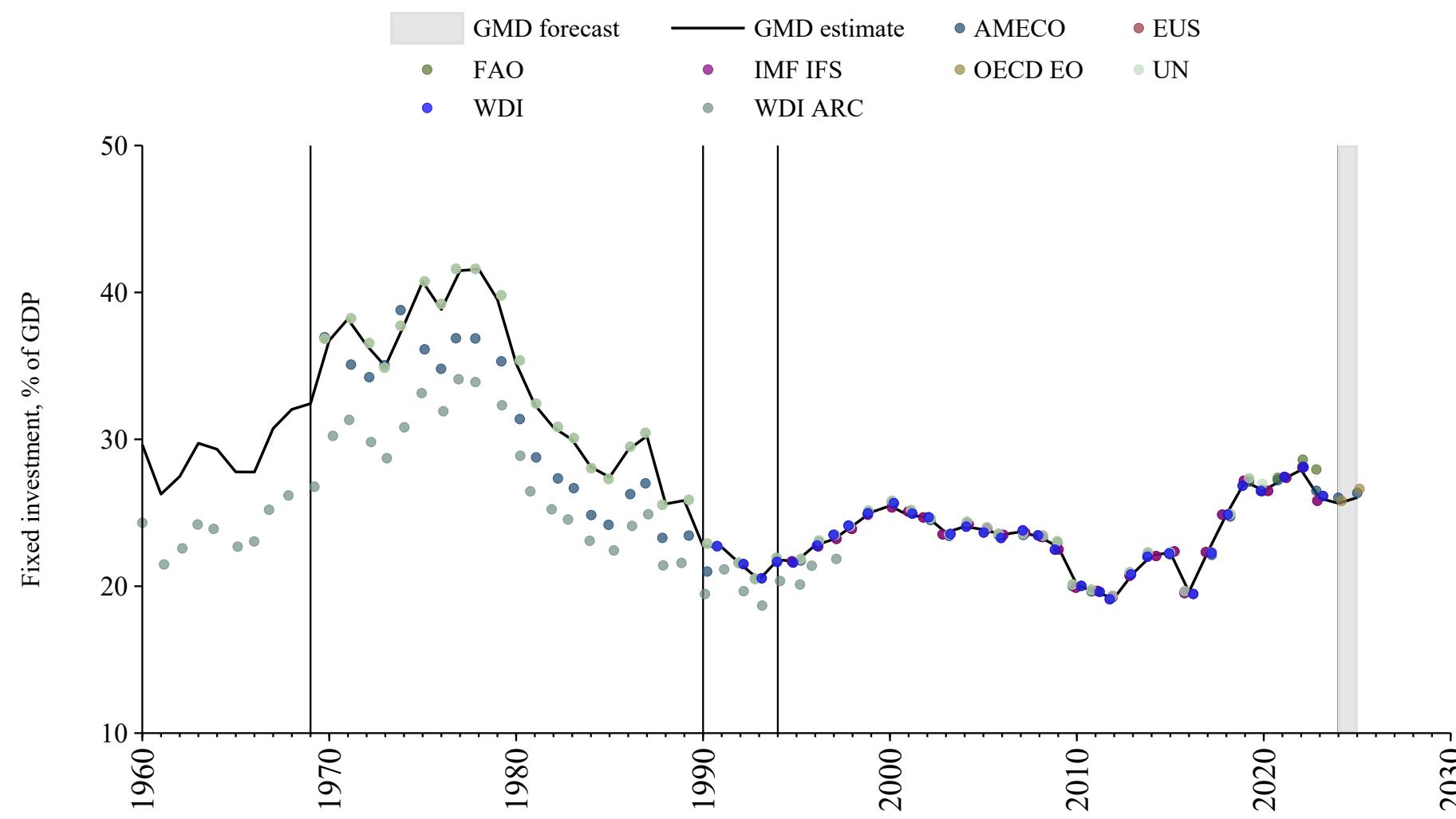
Fixed investment

Source	Time span	Notes
World Bank (Archives) (1999)	1960 - 1969	Spliced using overlapping data in 1970: (ratio = 140.9%).
United Nations (2024)	1970 - 1990	Spliced using overlapping data in 1991
World Bank (2024)	1991 - 1994	Spliced using overlapping data in 1995
Eurostat (2024)	1995 - 2023	Baseline source, overlaps with base year 2018
OECD Economic Outlook (2024)	2024 - 2025	Spliced using overlapping data in 2026: (ratio = 98.8%).



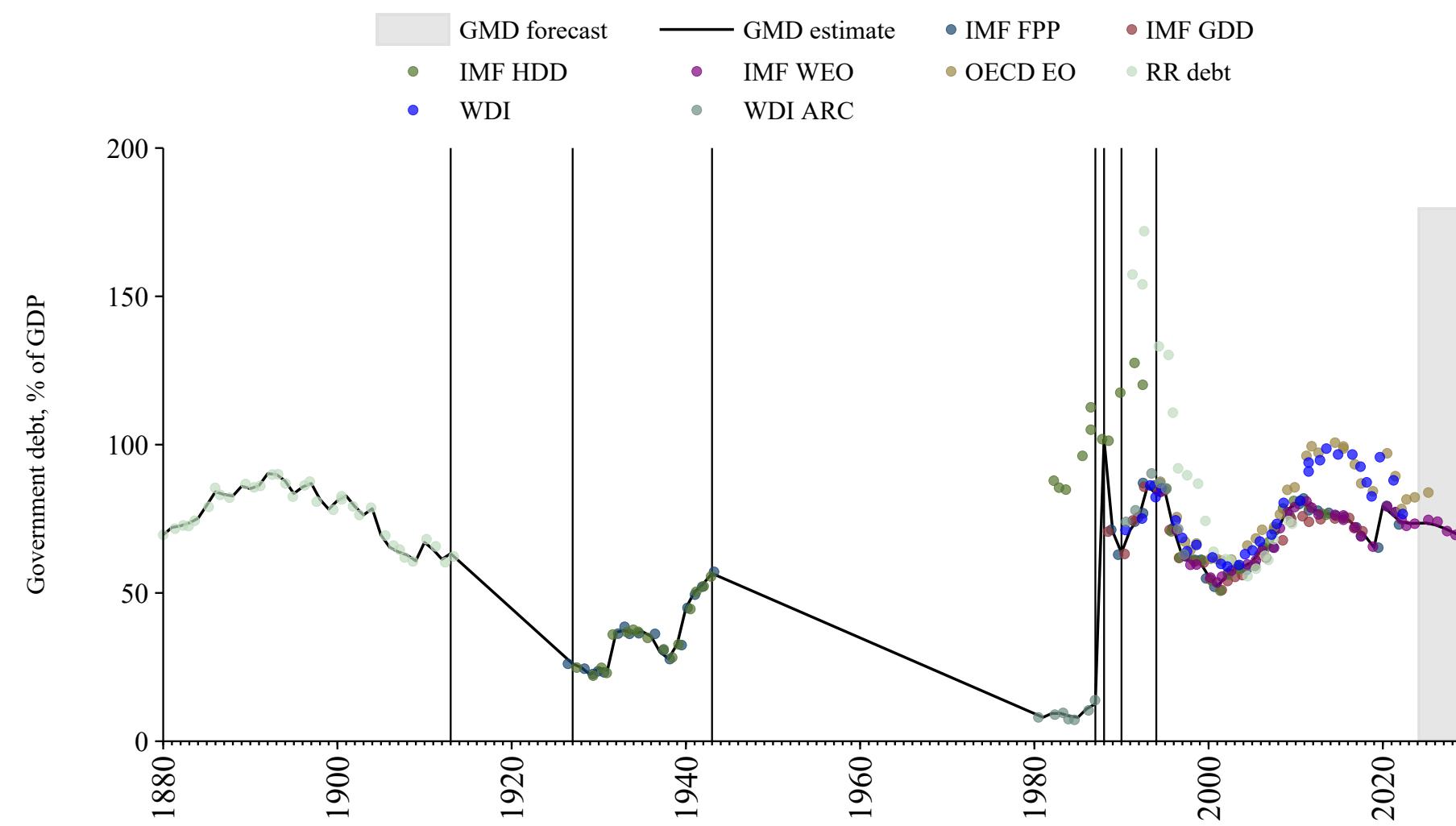
Fixed investment to GDP ratio

Source	Time span	Notes
World Bank (Archives) (1999)	1960 - 1969	Spliced using overlapping data in 1970: (ratio = 121.8%).
United Nations (2024)	1970 - 1990	Spliced using overlapping data in 1991: (ratio = 99.7%).
World Bank (2024)	1991 - 1994	Spliced using overlapping data in 1995: (ratio = 99.7%).
Eurostat (2024)	1995 - 2023	Baseline source, overlaps with base year 2018
OECD Economic Outlook (2024)	2024 - 2025	Spliced using overlapping data in 2026: (ratio = 98.6%).



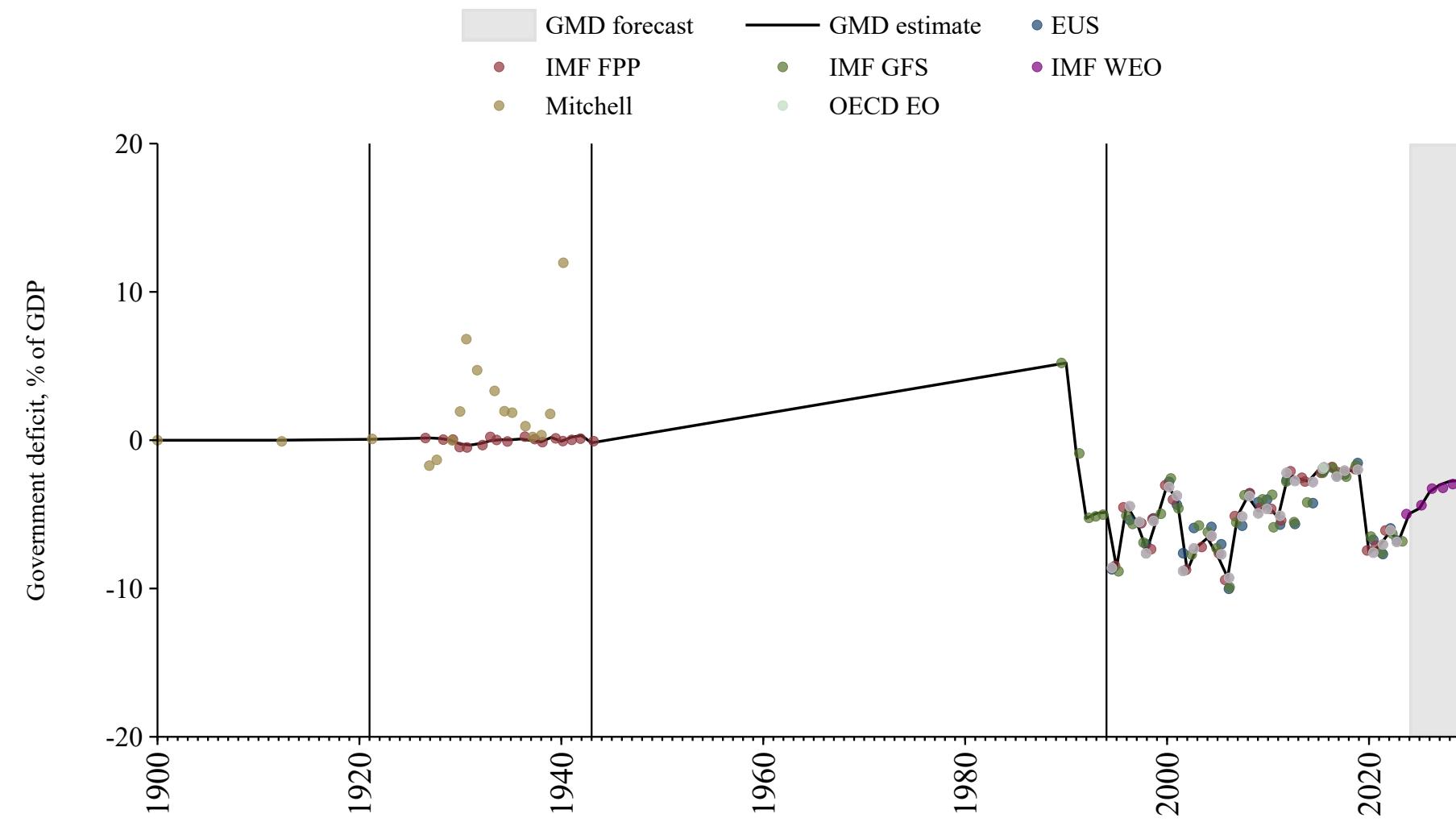
Government debt

Source	Time span	Notes
Reinhart and Rogoff (2010)	1880 - 1913	Spliced using overlapping data in 1914
Mauro et al. (2015)	1914 - 1927	Spliced using overlapping data in 1928
International Monetary Fund (2010)	1928 - 1943	Spliced using overlapping data in 1944
World Bank (Archives) (1999)	1944 - 1987	Spliced using overlapping data in 1988
International Monetary Fund (2010)	1988 - 1988	Spliced using overlapping data in 1989
Mbaye et al. (2018)	1989 - 1990	Spliced using overlapping data in 1991
World Bank (2024)	1991 - 1994	Spliced using overlapping data in 1995
WEO (2024)	1995 - 2029	Baseline source, overlaps with base year 2018



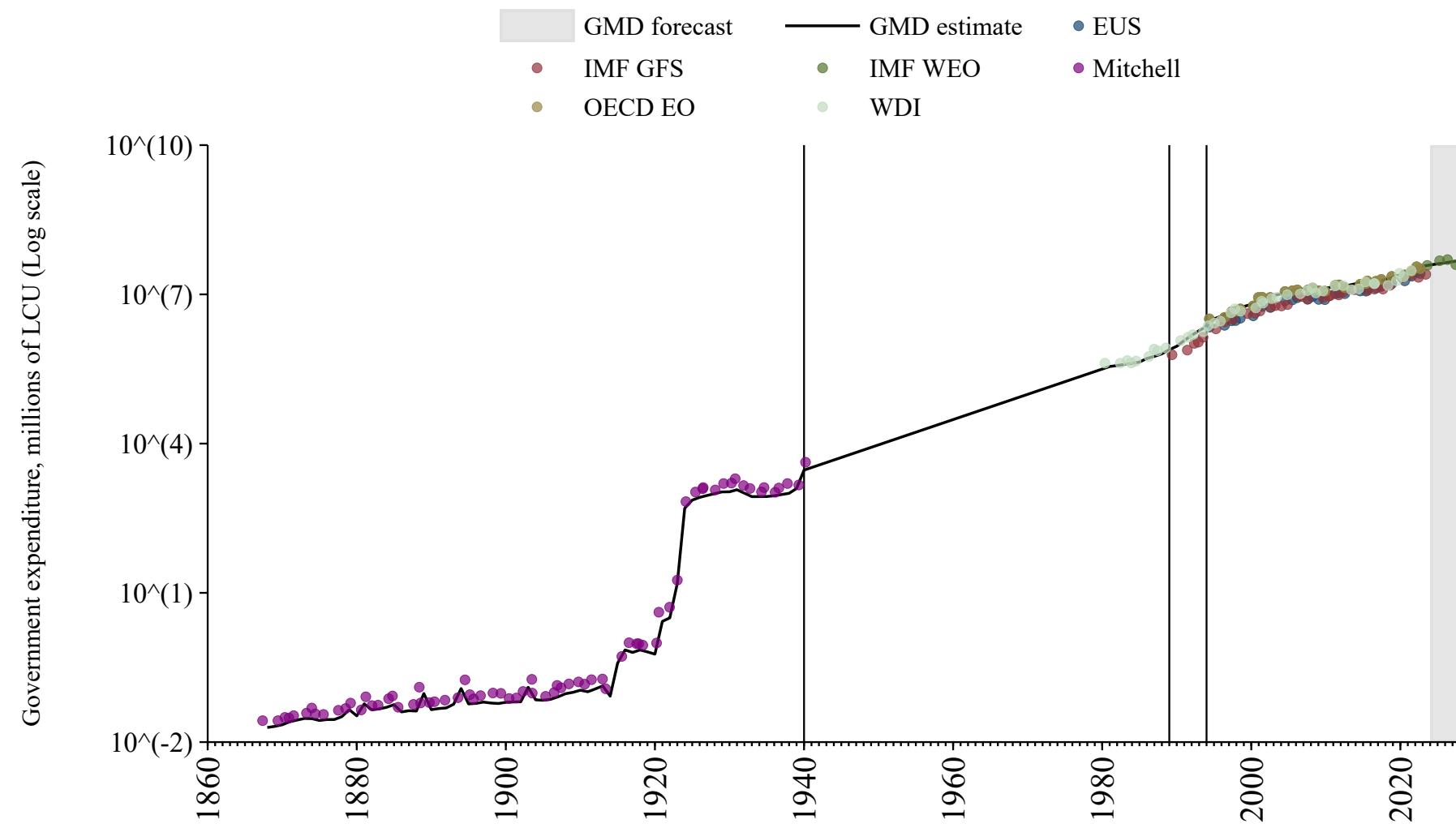
Government deficit

Source	Time span	Notes
Mitchell (2013)	1900 - 1921	Spliced using overlapping data in 1922
Mauro et al. (2015)	1922 - 1943	Spliced using overlapping data in 1944
International Monetary Fund (2024a)	1944 - 1994	Spliced using overlapping data in 1995
WEO (2024)	1995 - 2029	Baseline source, overlaps with base year 2018



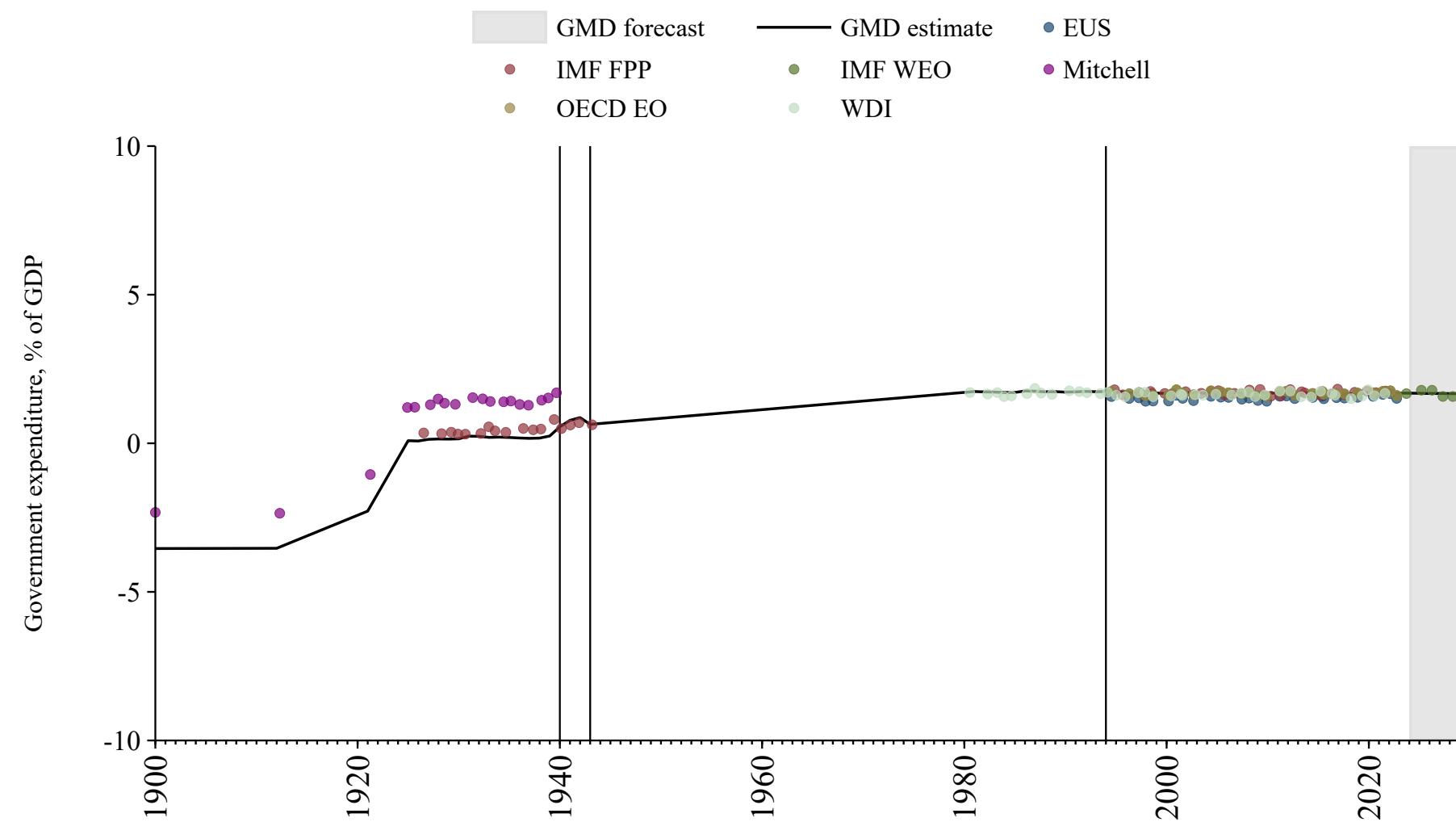
Government expenditure

Source	Time span	Notes
Mitchell (2013)	1868 - 1940	Spliced using overlapping data in 1941: (ratio = 72.7%). Data refers to central government.
World Bank (2024)	1941 - 1989	Spliced using overlapping data in 1990: (ratio = 85.3%). Data refers to central government.
International Monetary Fund (2024a)	1990 - 1994	Spliced using overlapping data in 1995: (ratio = 147.9%).
WEO (2024)	1995 - 2029	Baseline source, overlaps with base year 2018 Data refers to general government.



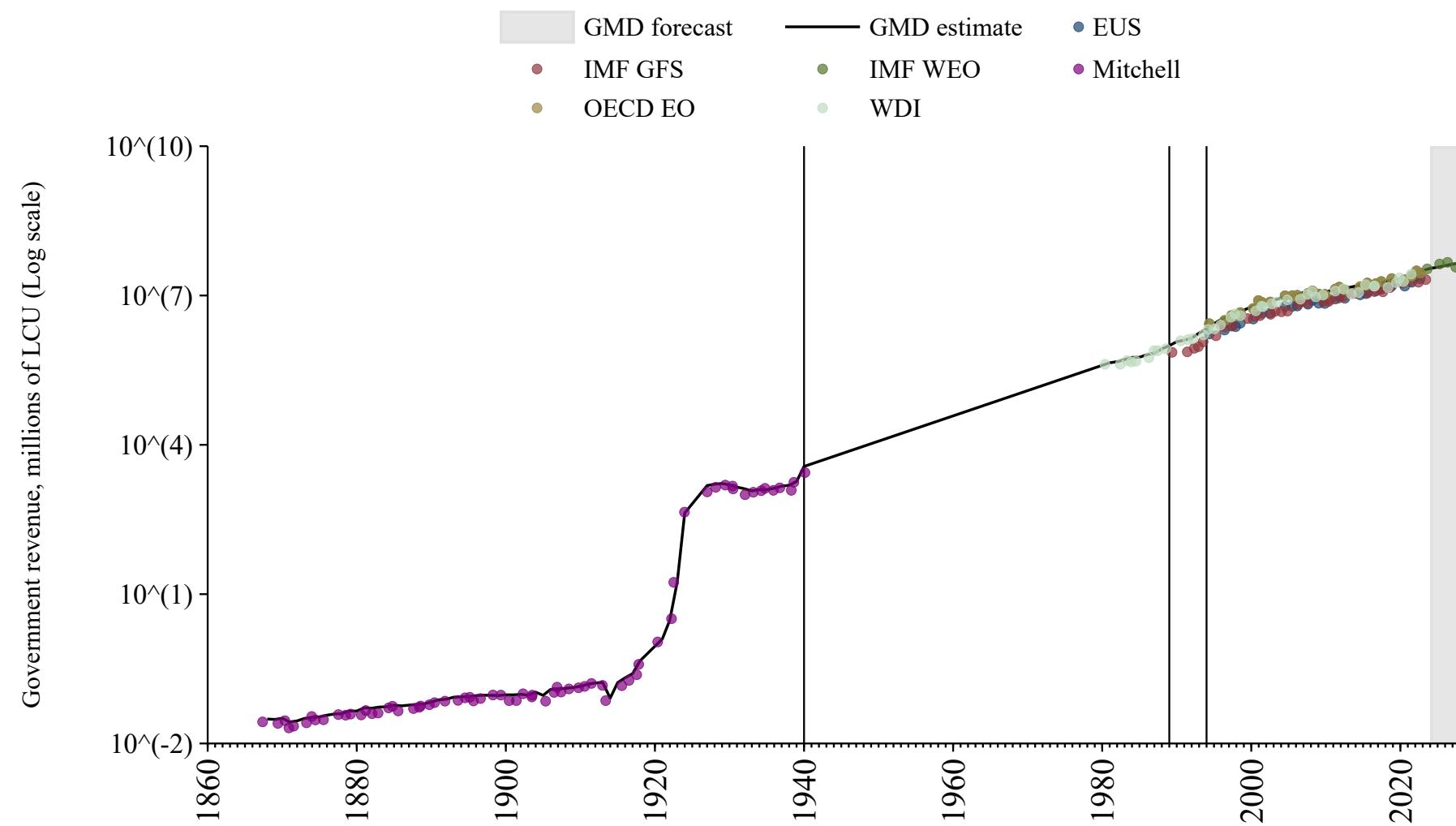
Government expenditure to GDP ratio

Source	Time span	Notes
Mitchell (2013)	1900 - 1926	Spliced using overlapping data in 1927 Data refers to central government.
Mauro et al. (2015)	1927 - 1943	Spliced using overlapping data in 1944 Data refers to general government.
World Bank (2024)	1944 - 1994	Spliced using overlapping data in 1995 Data refers to central government.
WEO (2024)	1995 - 2029	Baseline source, overlaps with base year 2018 Data refers to general government.



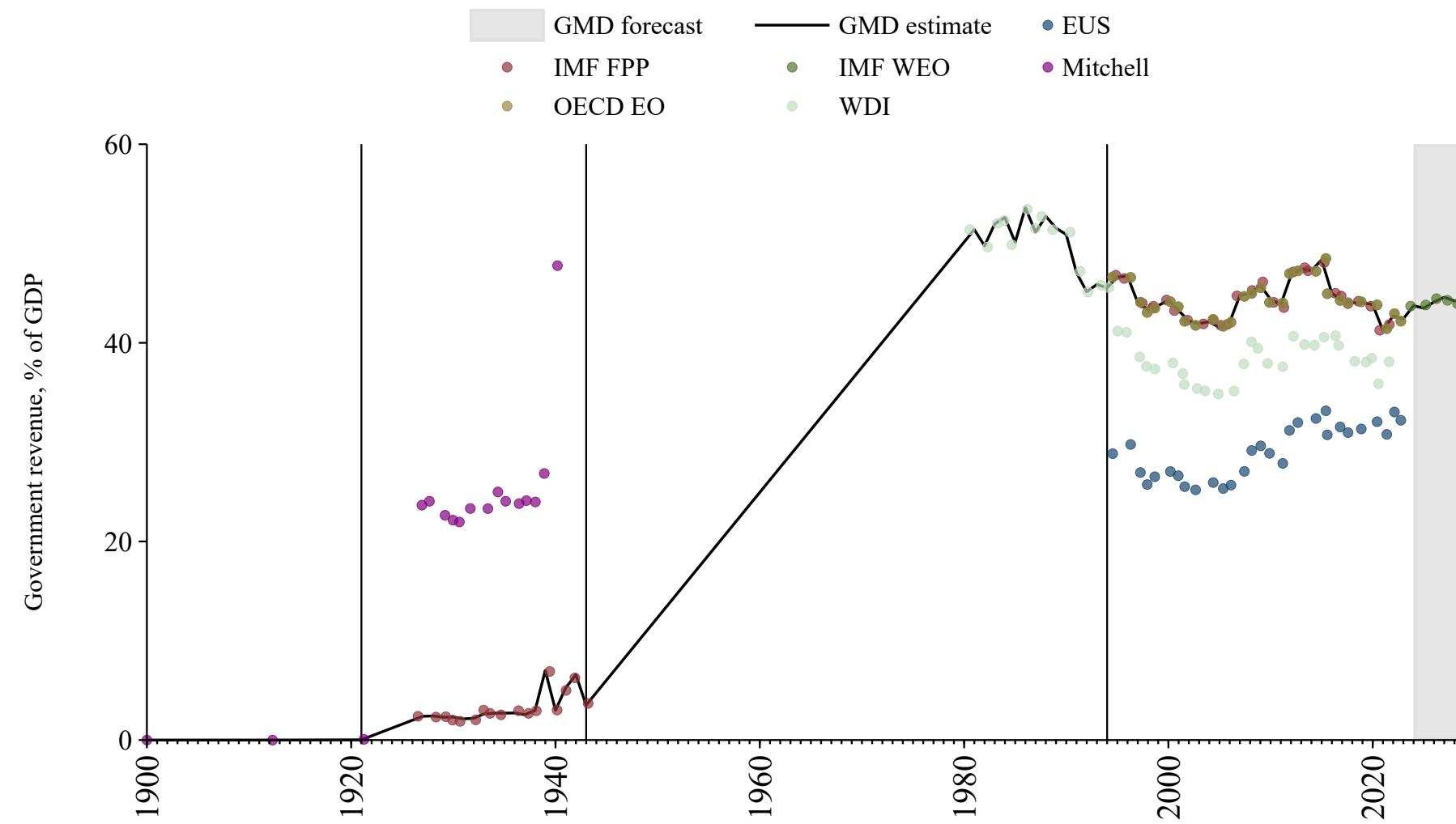
Government revenue

Source	Time span	Notes
Mitchell (2013)	1868 - 1940	Spliced using overlapping data in 1941: (ratio = 114.2%). Data refers to central government.
World Bank (2024)	1941 - 1989	Spliced using overlapping data in 1990: (ratio = 106.9%). Data refers to central government.
International Monetary Fund (2024a)	1990 - 1994	Spliced using overlapping data in 1995: (ratio = 163%). Data refers to central government.
WEO (2024)	1995 - 2029	Baseline source, overlaps with base year 2018 Data refers to general government.



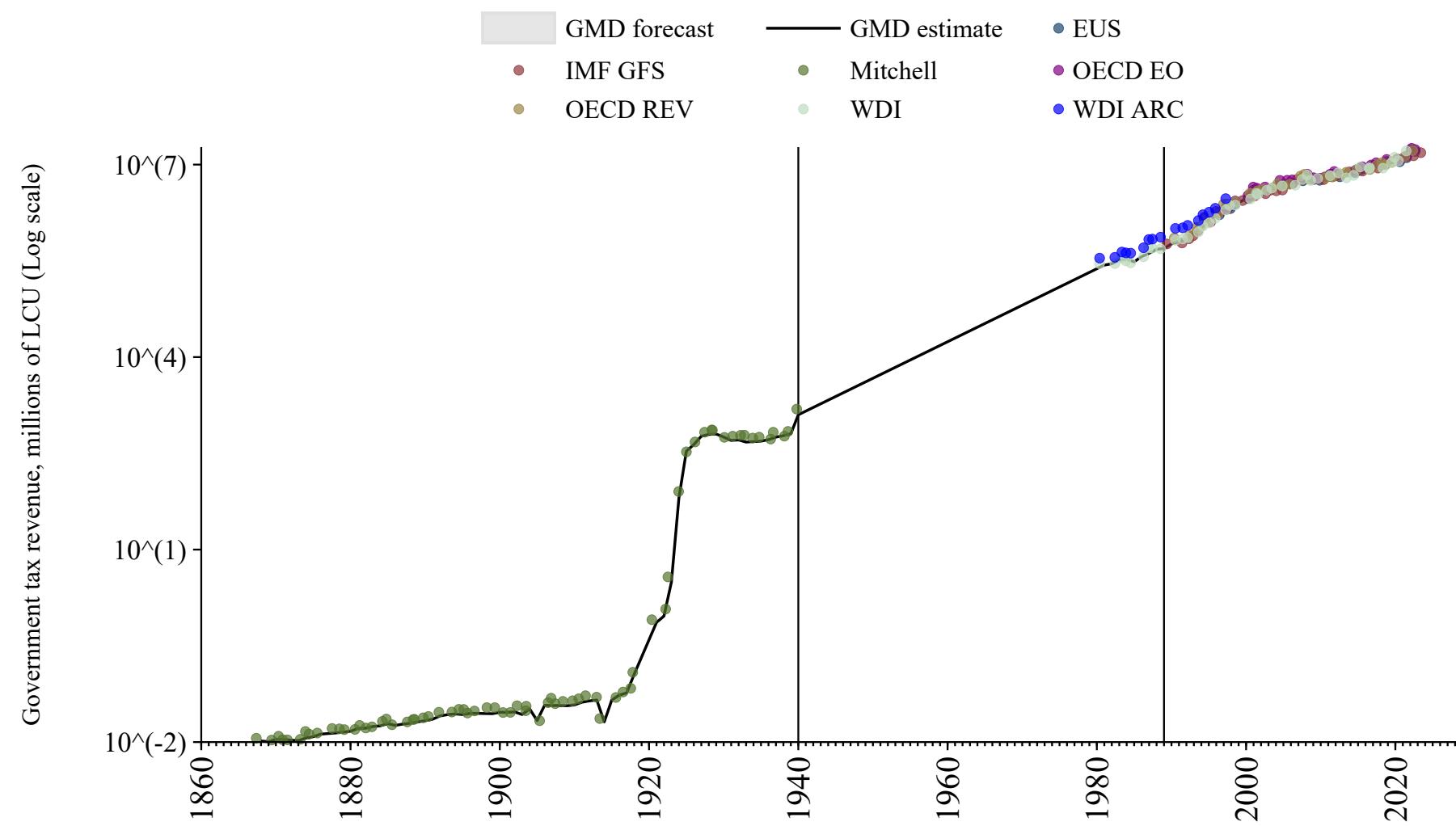
Government revenue to GDP ratio

Source	Time span	Notes
Mitchell (2013)	1900 - 1921	Spliced using overlapping data in 1922 Data refers to central government.
Mauro et al. (2015)	1922 - 1943	Spliced using overlapping data in 1944 Data refers to general government.
World Bank (2024)	1944 - 1994	Spliced using overlapping data in 1995 Data refers to central government.
WEO (2024)	1995 - 2029	Baseline source, overlaps with base year 2018 Data refers to general government.



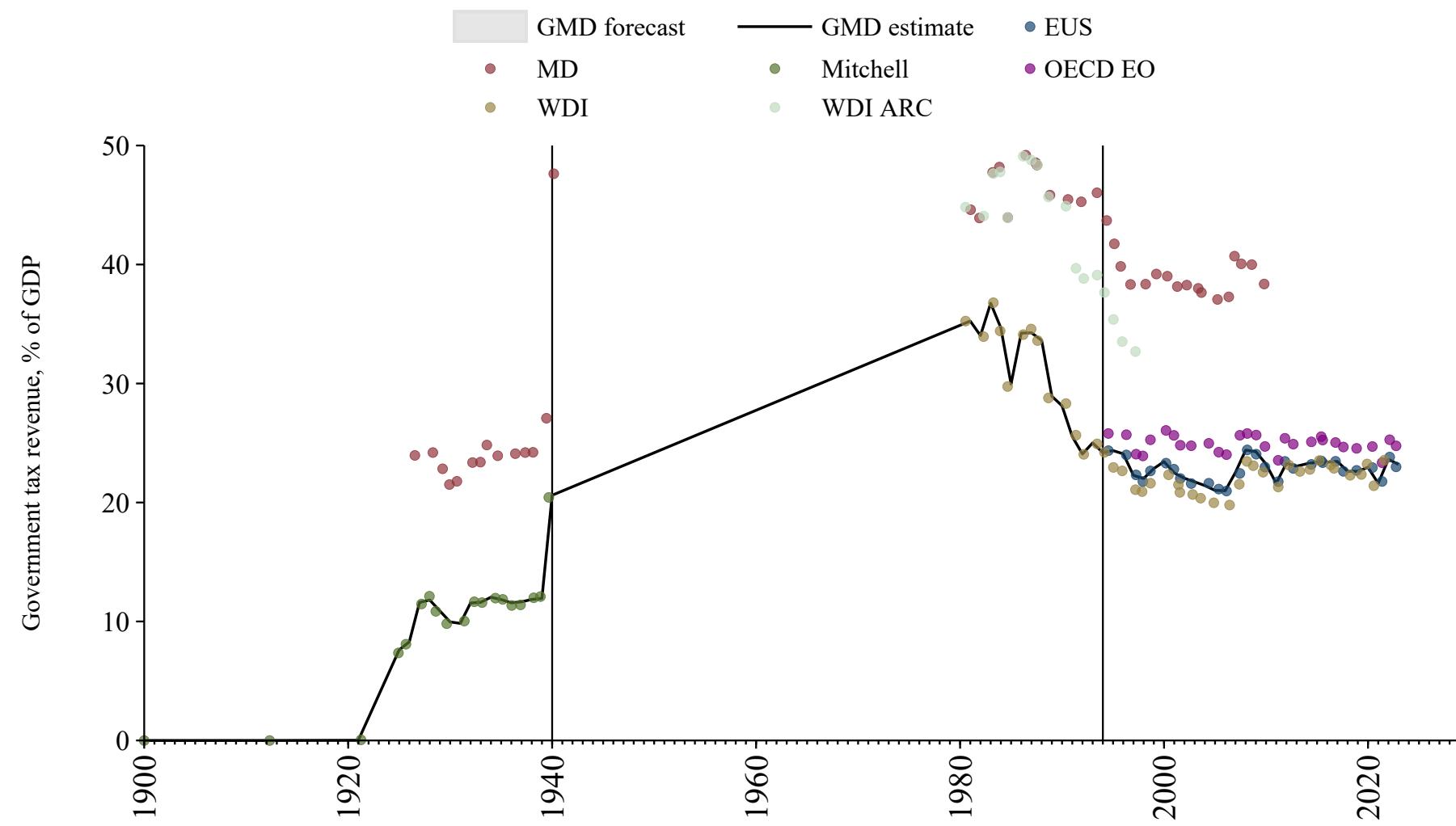
Government tax revenue

Source	Time span	Notes
Mitchell (2013)	1868 - 1940	Spliced using overlapping data in 1941: (ratio = 90.4%). Data refers to central government.
World Bank (2024)	1941 - 1989	Spliced using overlapping data in 1990: (ratio = 95.1%). Data refers to central government.
International Monetary Fund (2024a)	1990 - 2023	Baseline source, overlaps with base year 2018 Data refers to central government.



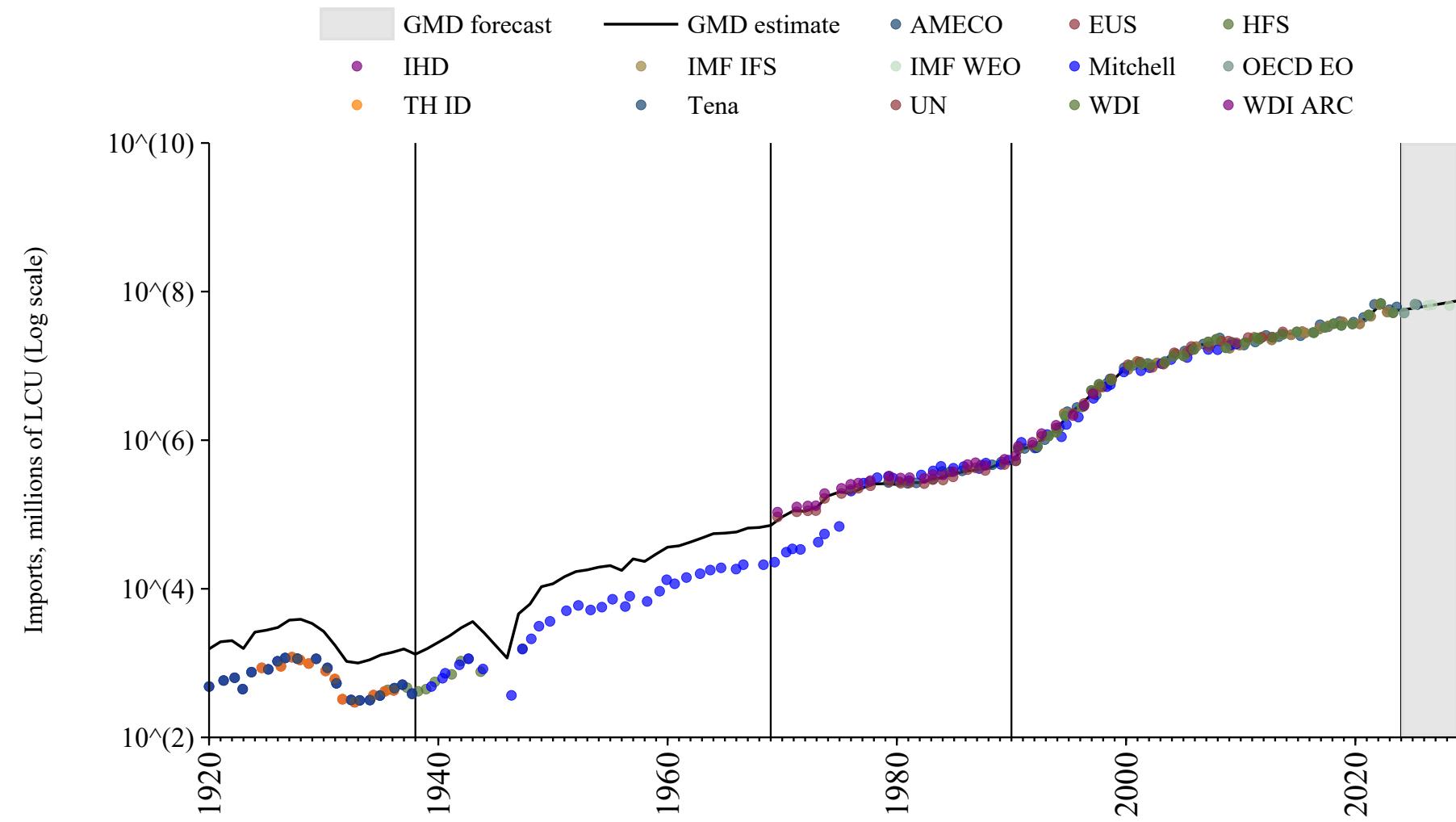
Government tax revenue to GDP ratio

Source	Time span	Notes
Mitchell (2013)	1900 - 1940	Spliced using overlapping data in 1941 Data refers to central government.
World Bank (2024)	1941 - 1994	Spliced using overlapping data in 1995 Data refers to central government.
Eurostat (2024)	1995 - 2023	Baseline source, overlaps with base year 2018 Data refers to central government.



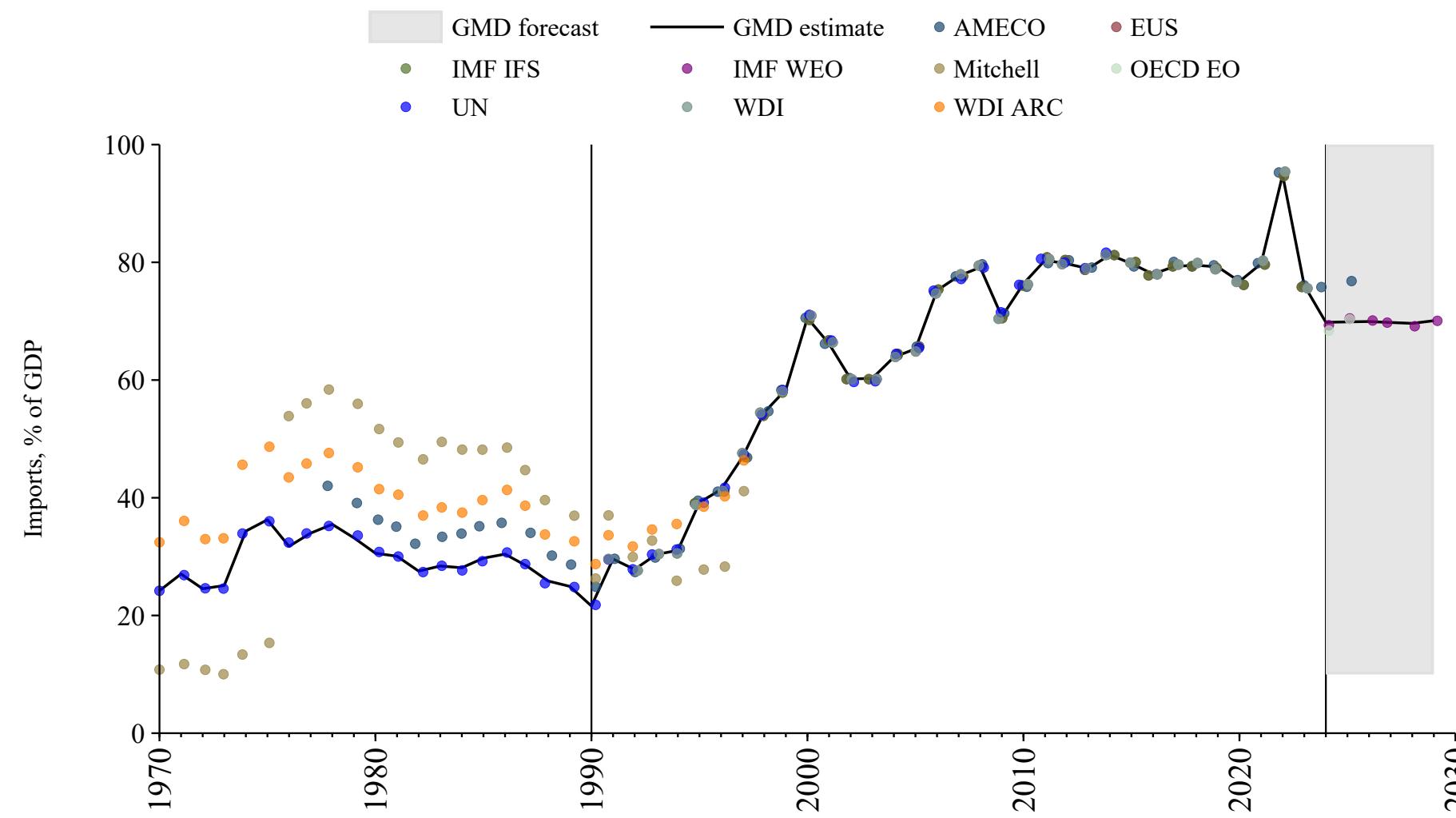
Imports

Source	Time span	Notes
Federico and Tena-Junguito (2019)	1920 - 1938	Spliced using overlapping data in 1939: (ratio = 320.5%).
Mitchell (2013)	1939 - 1969	Spliced using overlapping data in 1970: (ratio = 315.6%).
United Nations (2024)	1970 - 1990	Spliced using overlapping data in 1991
World Bank (2024)	1991 - 2023	Baseline source, overlaps with base year 2018
WEO (2024)	2024 - 2029	Spliced using overlapping data in 2030



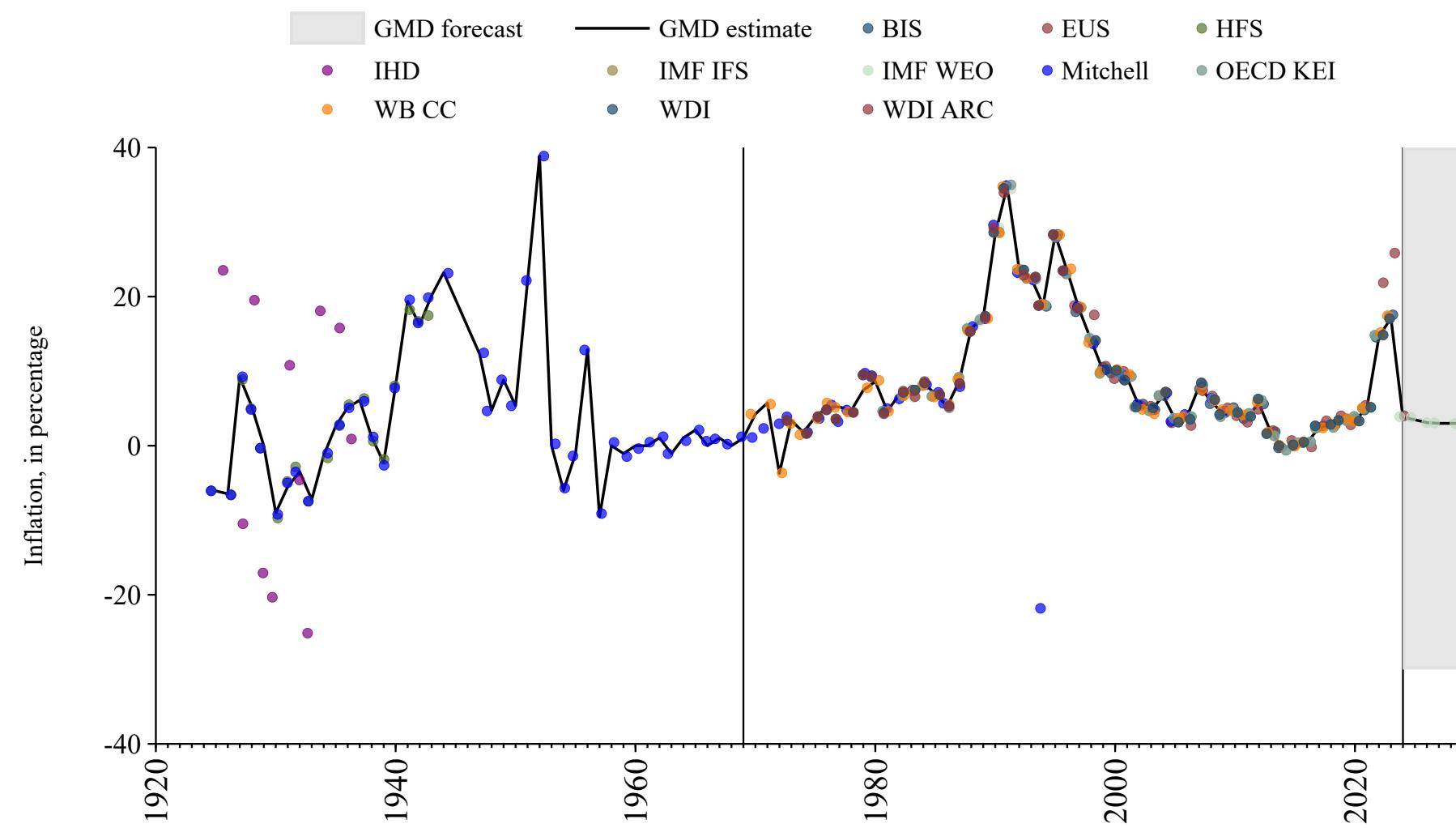
Imports to GDP ratio

Source	Time span	Notes
United Nations (2024)	1970 - 1990	Spliced using overlapping data in 1991
World Bank (2024)	1991 - 2023	Baseline source, overlaps with base year 2018
WEO (2024)	2024 - 2029	Spliced using overlapping data in 2030



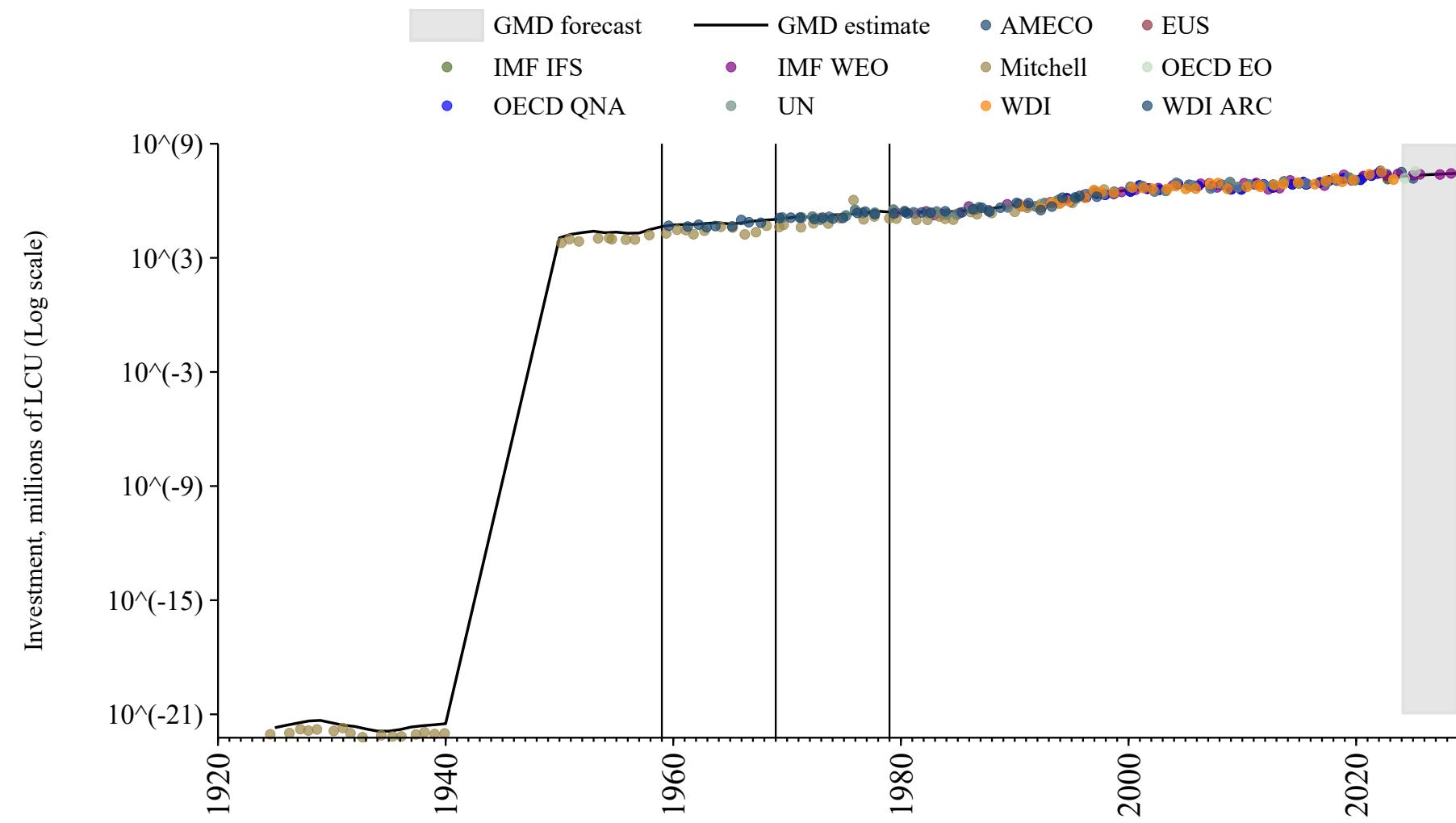
Inflation

Source	Time span	Notes
Mitchell (2013)	1925 - 1969	Spliced using overlapping data in 1970
Ha et al. (2023)	1970 - 2023	Baseline source, overlaps with base year 2018
WEO (2024)	2024 - 2029	Spliced using overlapping data in 2030



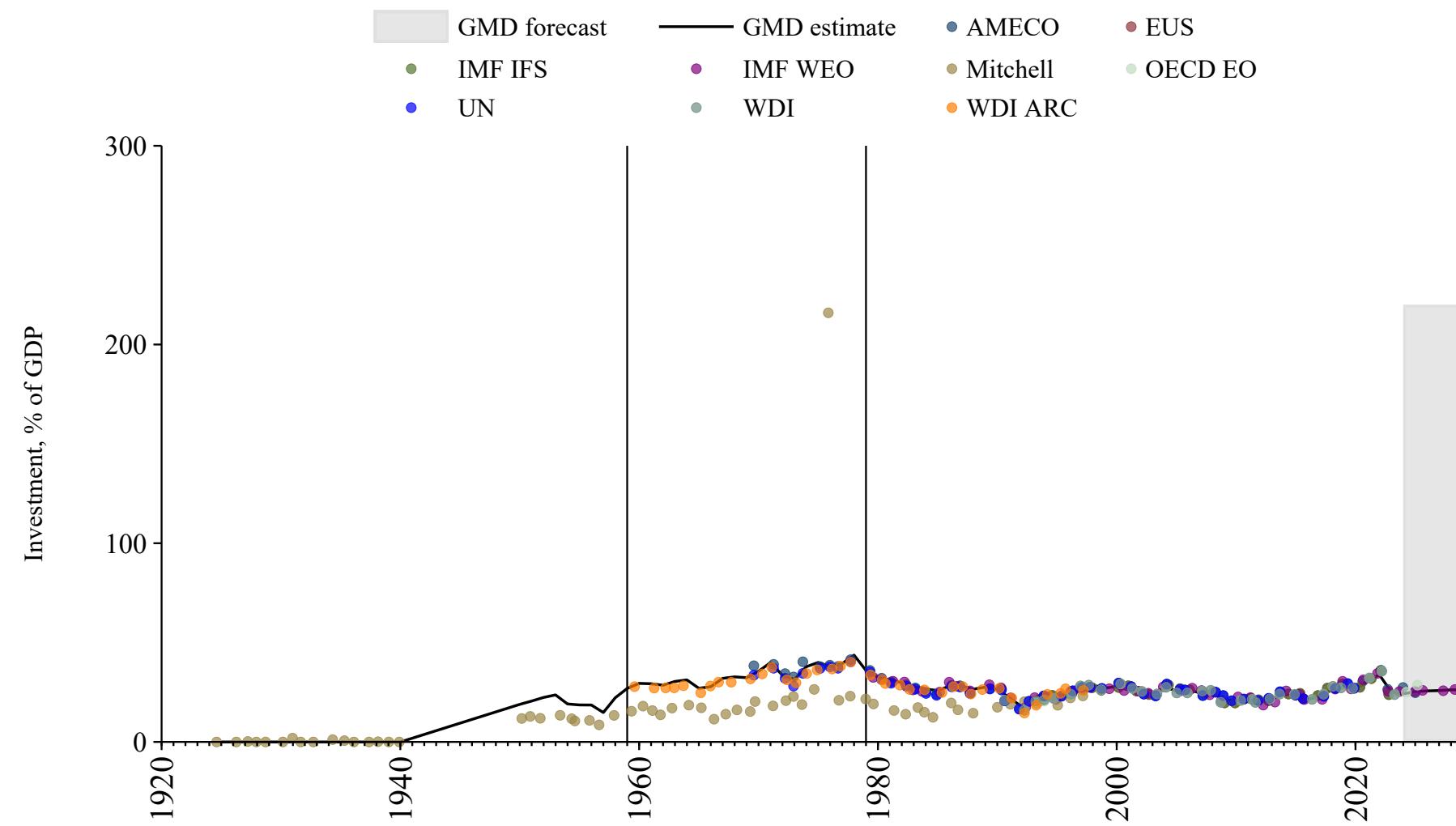
Investment

Source	Time span	Notes
Mitchell (2013)	1925 - 1959	Spliced using overlapping data in 1960: (ratio = 221.6%).
World Bank (Archives) (1999)	1960 - 1969	Spliced using overlapping data in 1970: (ratio = 110.4%).
United Nations (2024)	1970 - 1979	Spliced using overlapping data in 1980: (ratio = 95.8%).
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018



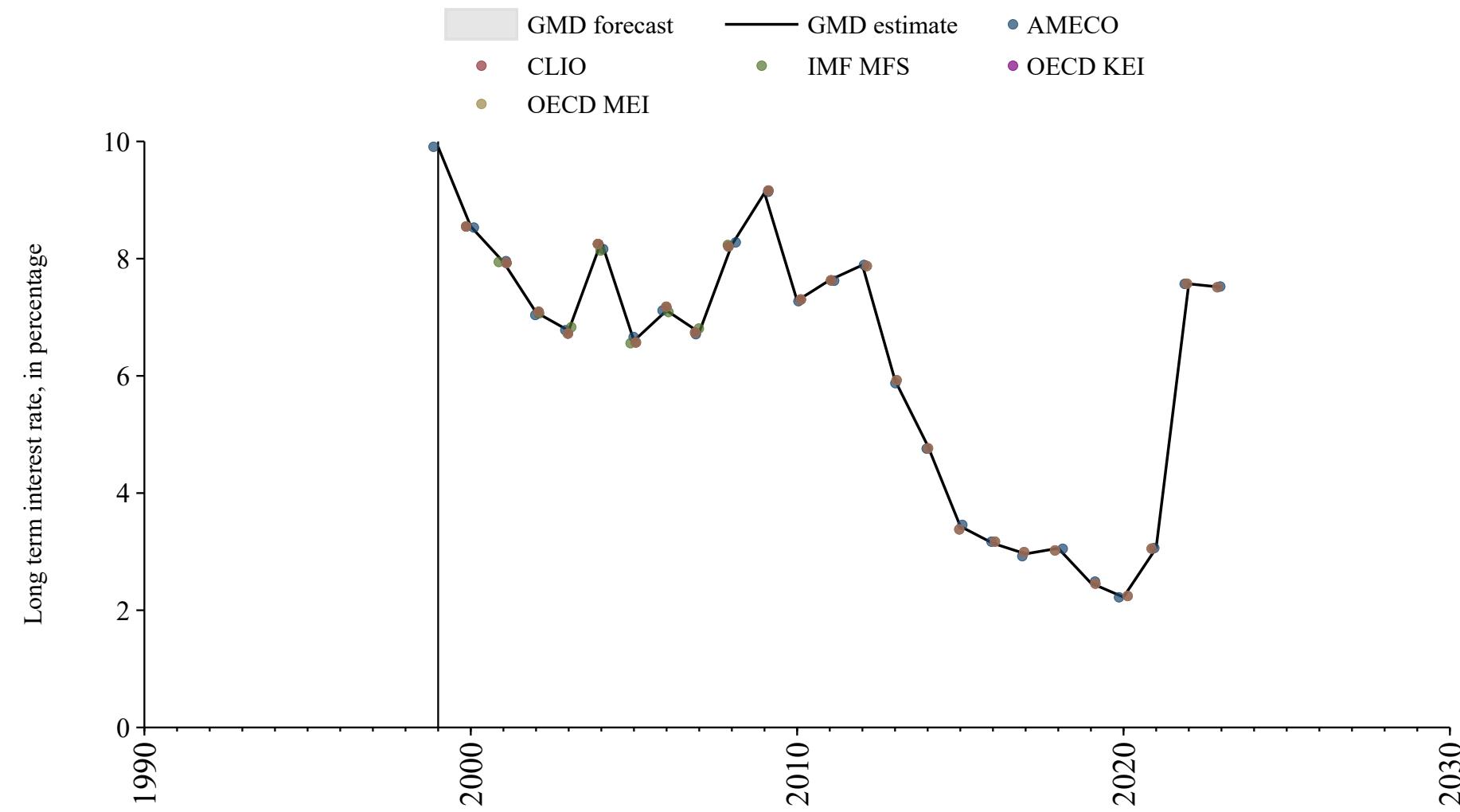
Investment to GDP ratio

Source	Time span	Notes
Mitchell (2013)	1925 - 1959	Spliced using overlapping data in 1960: (ratio = 172.3%).
World Bank (Archives) (1999)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 105.9%).
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018



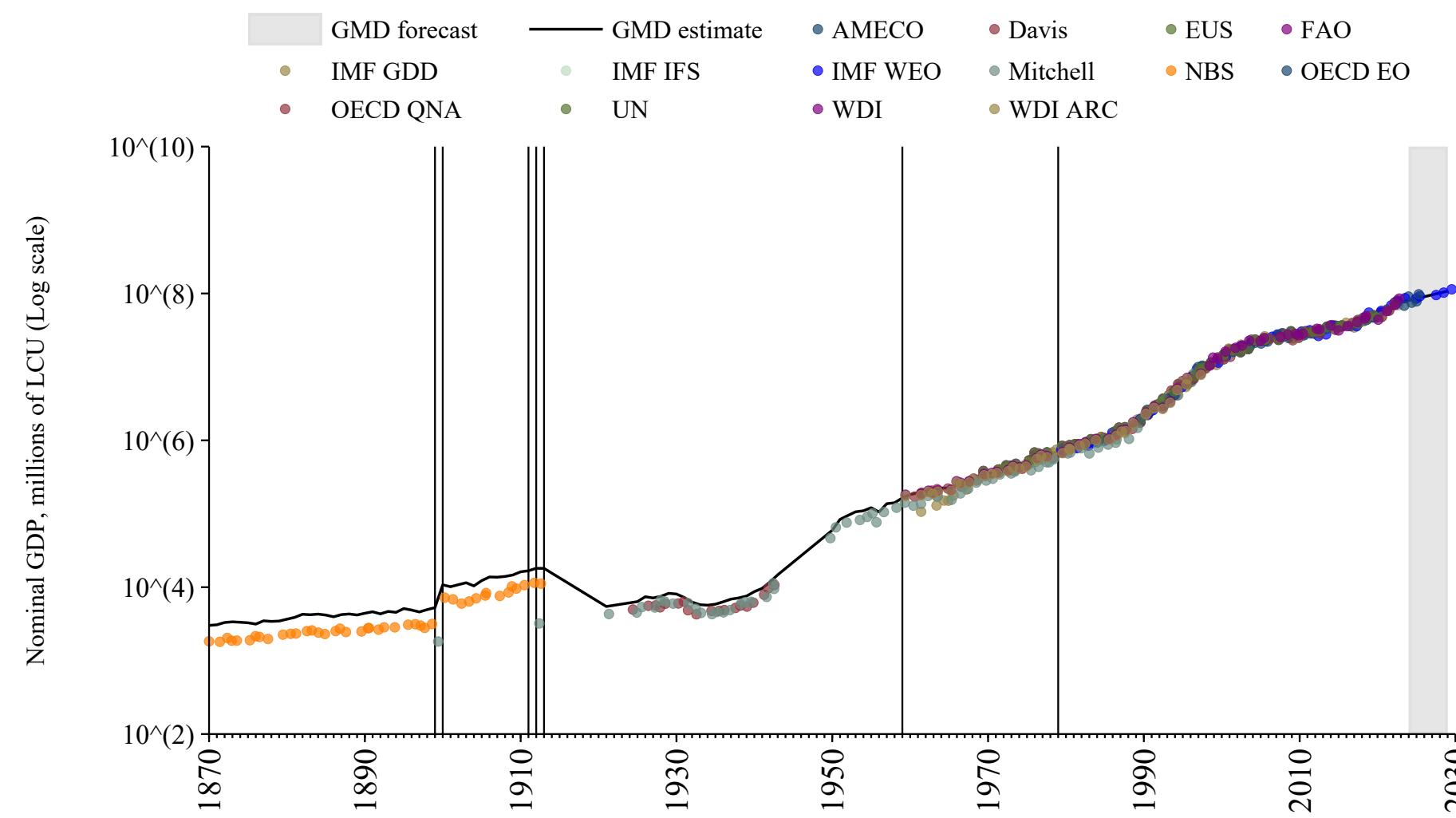
Long term interest rate

Source	Time span	Notes
European Commission (2024)	1999 - 1999	Spliced using overlapping data in 2000
OECD (2024b)	2000 - 2023	Baseline source, overlaps with base year 201



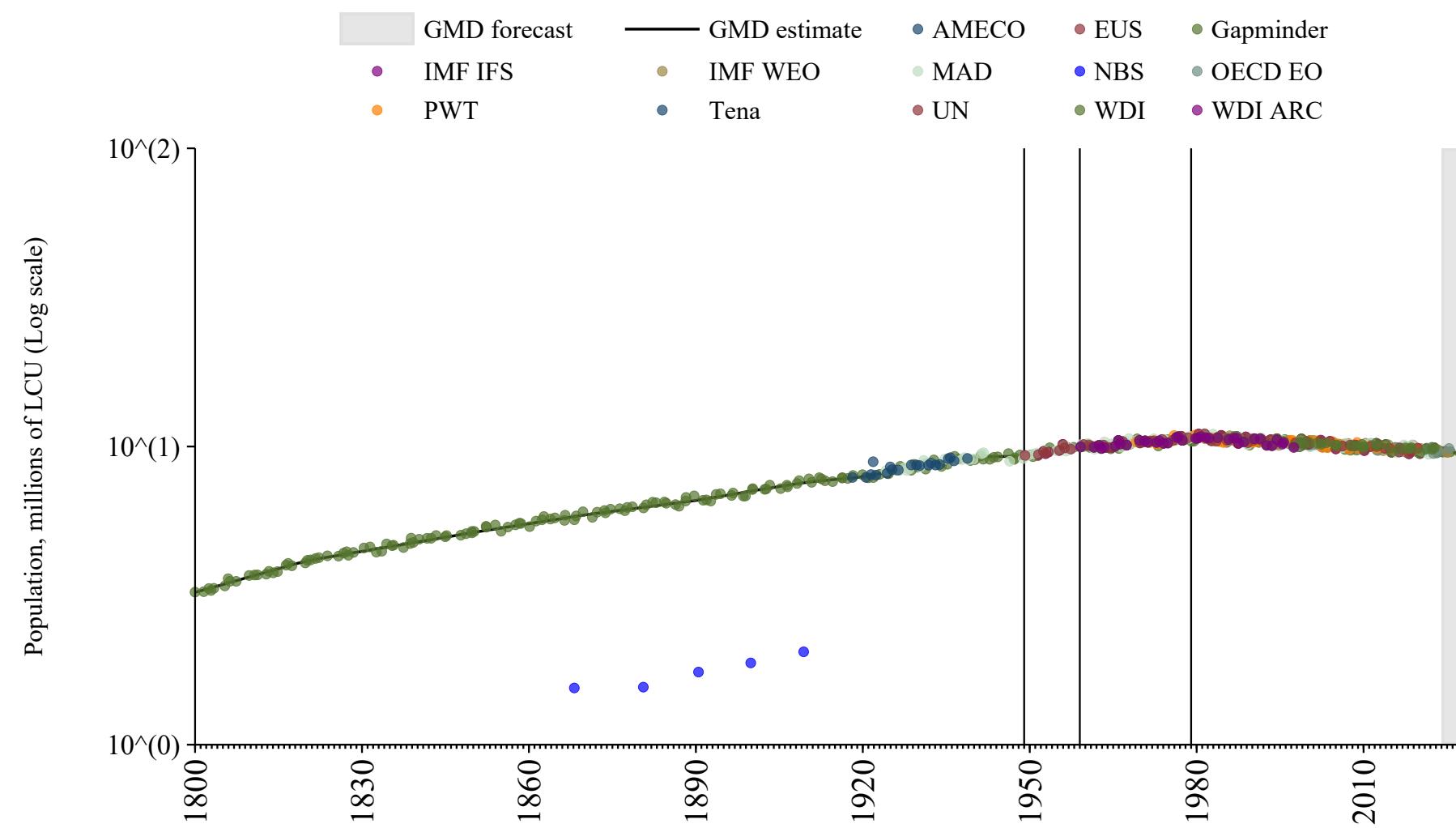
Nominal GDP

Source	Time span	Notes
National Bank of Serbia (2024)	1870 - 1899	Spliced using overlapping data in 1900: (ratio = 164.6%).
Mitchell (2013)	1900 - 1900	Spliced using overlapping data in 1901: (ratio = 590.3%).
National Bank of Serbia (2024)	1901 - 1911	Spliced using overlapping data in 1912: (ratio = 164.6%).
Mitchell (2013)	1912 - 1912	Spliced using overlapping data in 1913: (ratio = 543.7%).
National Bank of Serbia (2024)	1913 - 1913	Spliced using overlapping data in 1914: (ratio = 164.6%).
Mitchell (2013)	1914 - 1959	Spliced using overlapping data in 1960: (ratio = 128.3%).
World Bank (2024)	1960 - 1979	Spliced using overlapping data in 1980
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018



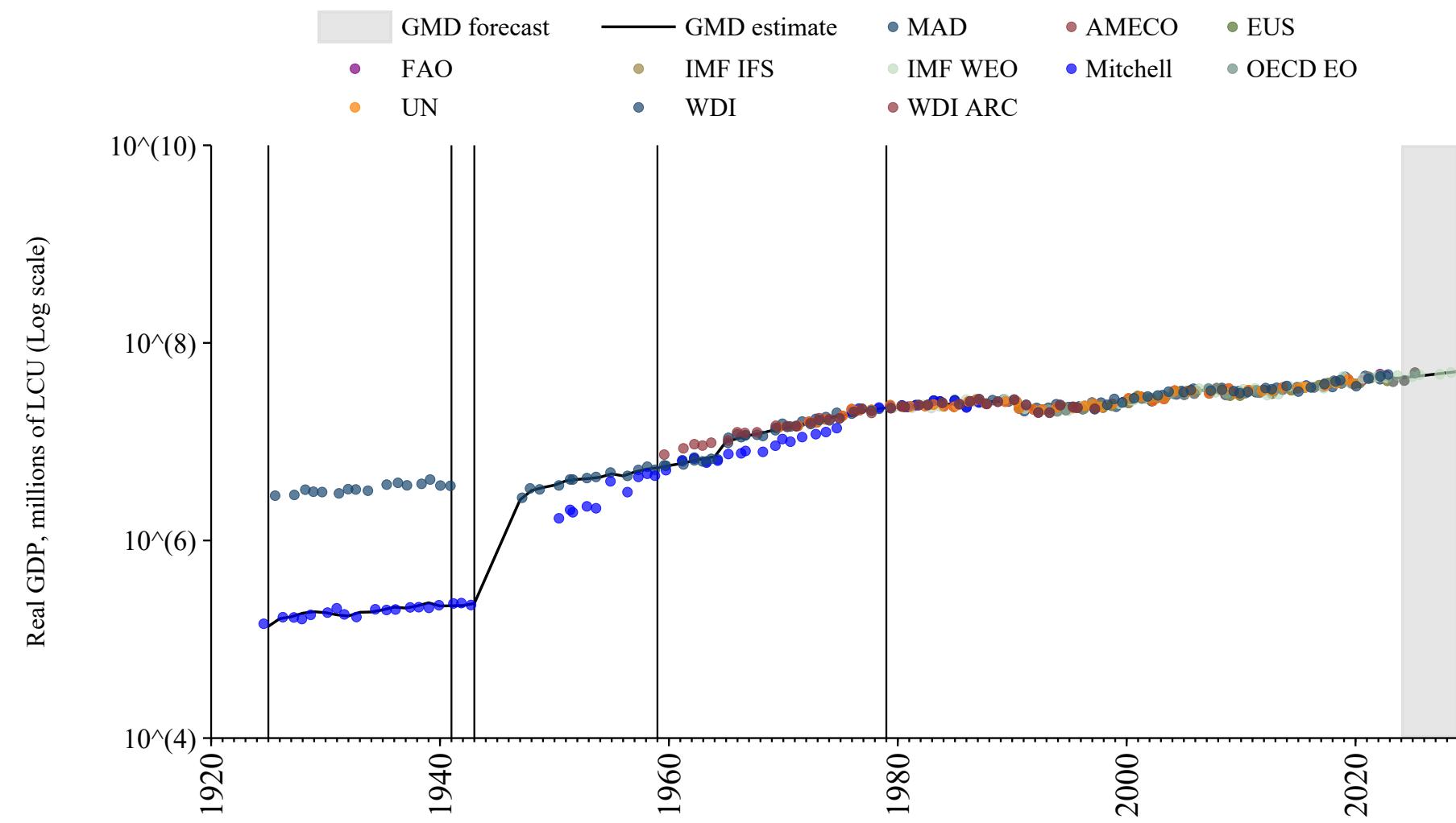
Population

Source	Time span	Notes
Gapminder (2024)	1800 - 1949	Spliced using overlapping data in 1950: (ratio = 99.8%).
International Monetary Fund (2024b)	1950 - 1959	Spliced using overlapping data in 1960: (ratio = 99.8%).
World Bank (2024)	1960 - 1979	Spliced using overlapping data in 1980
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018
Gapminder (2024)	2030 - 2030	Spliced using overlapping data in 2031: (ratio = 99.7%).



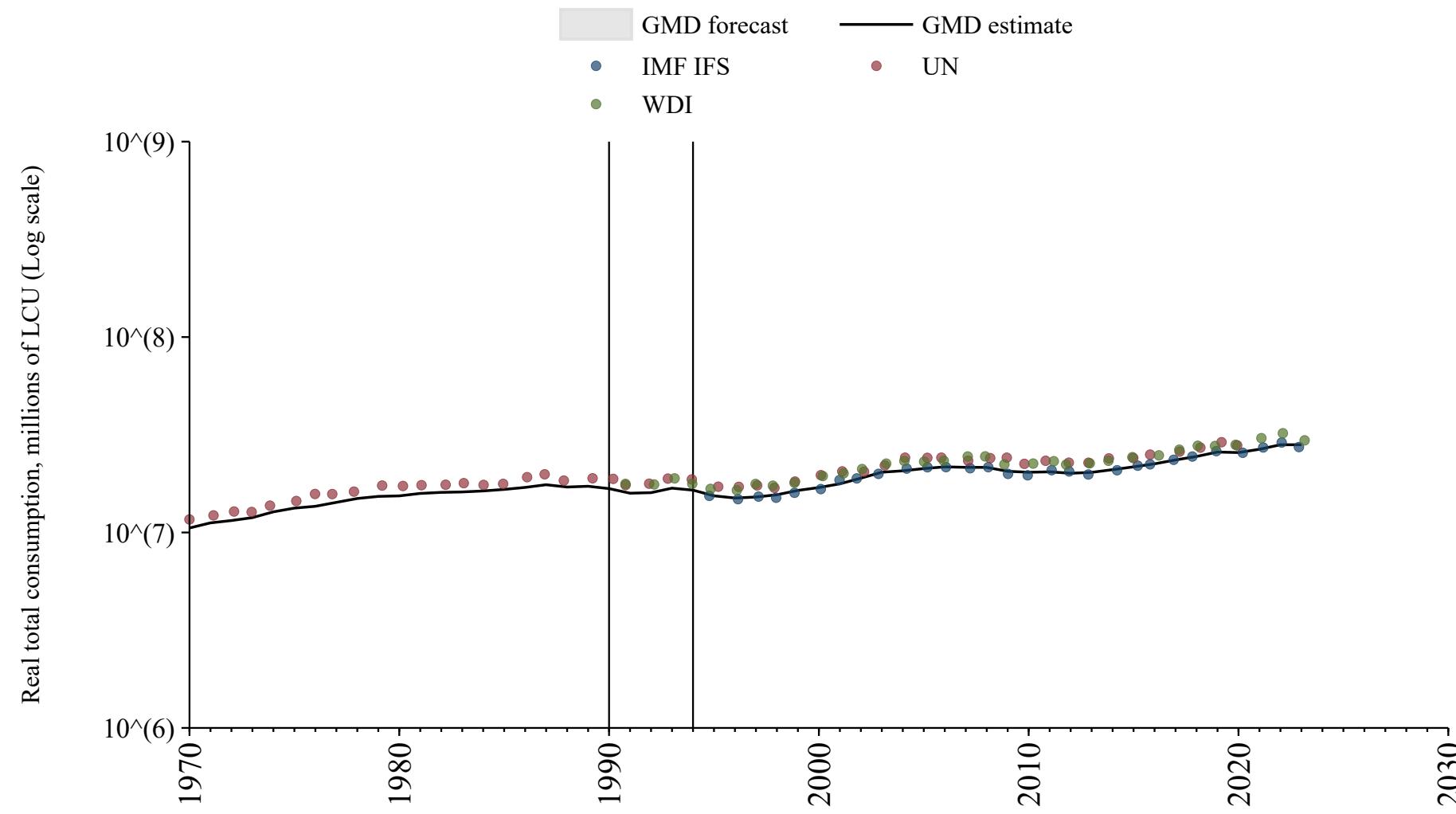
Real GDP

Source	Time span	Notes
Mitchell (2013)	1925 - 1925	Spliced using overlapping data in 1926: (ratio = 94.2%).
Bolt et al. (2018)	1926 - 1941	Spliced using overlapping data in 1942: (ratio = 5.7%).
Mitchell (2013)	1942 - 1943	Spliced using overlapping data in 1944: (ratio = 98.5%).
Bolt et al. (2018)	1944 - 1959	Spliced using overlapping data in 1960: (ratio = 99.3%).
World Bank (2024)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 99.3%).
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018



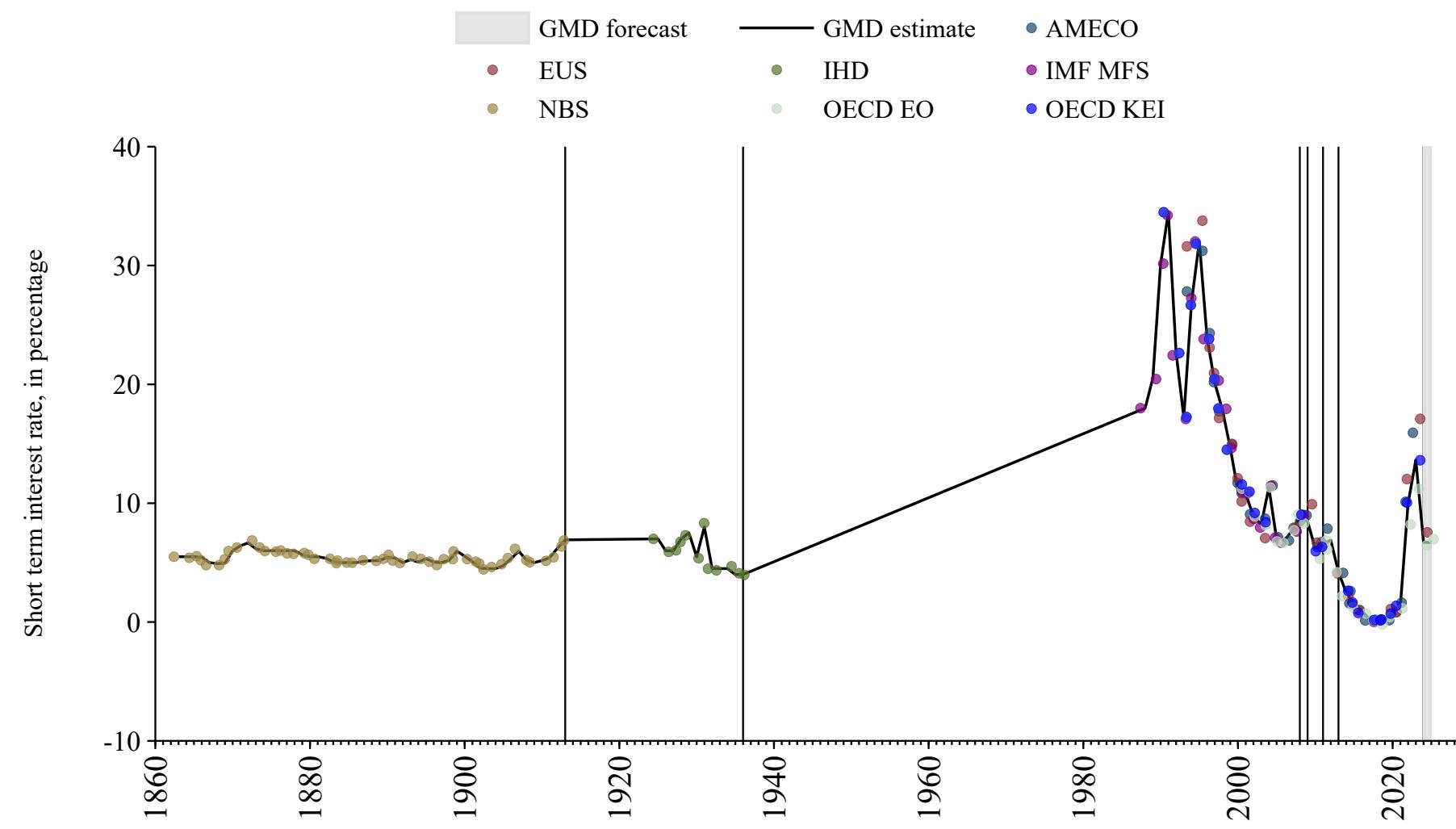
Real total consumption

Source	Time span	Notes
United Nations (2024)	1970 - 1990	Spliced using overlapping data in 1991: (ratio = 90.4%).
World Bank (2024)	1991 - 1994	Spliced using overlapping data in 1995: (ratio = 89.6%).
International Monetary Fund (2024b)	1995 - 2023	Baseline source, overlaps with base year 2018



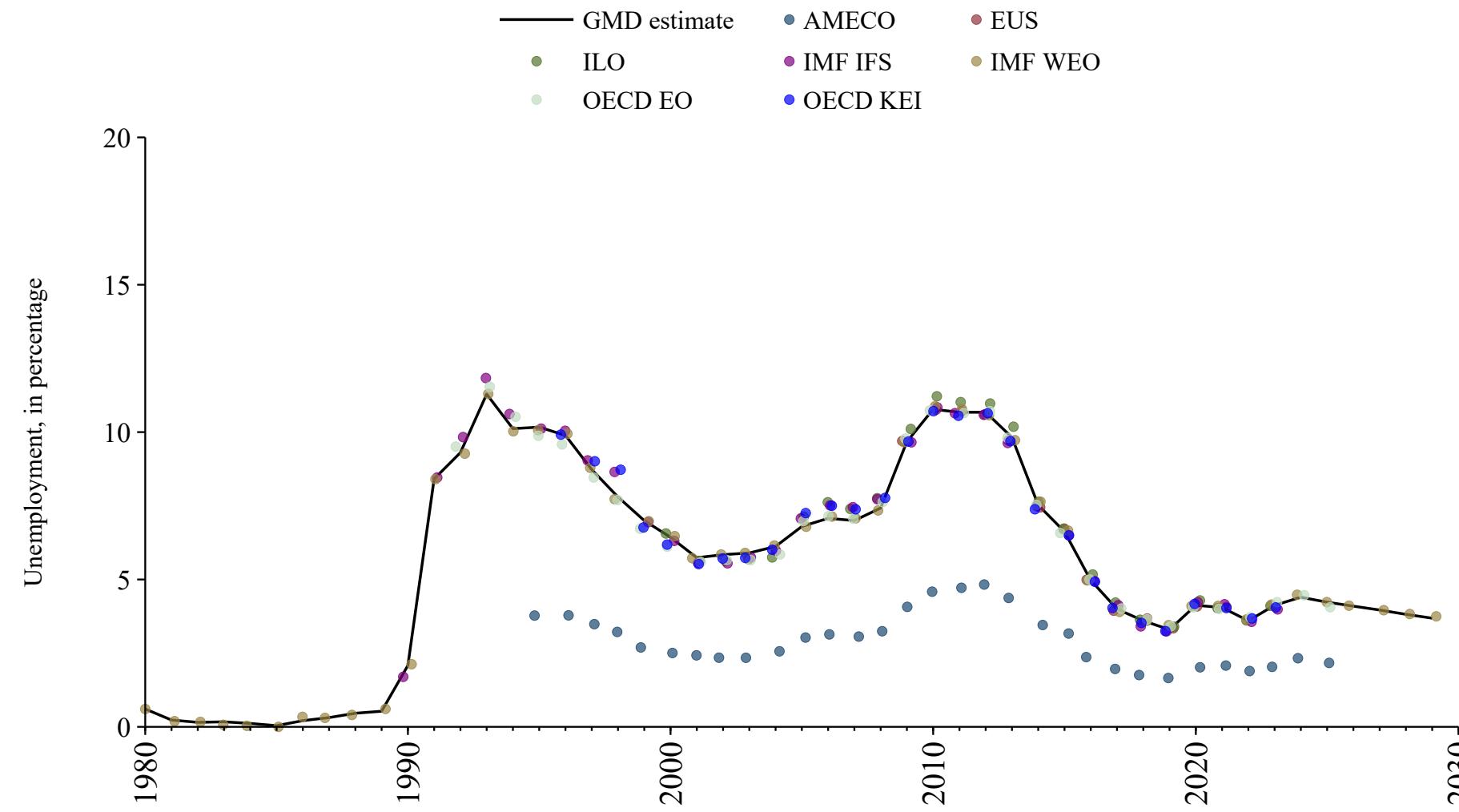
Short term interest rate

Source	Time span	Notes
National Bank of Serbia (2024)	1863 - 1913	Spliced using overlapping data in 1914
Ellison et al. (2024)	1914 - 1936	Spliced using overlapping data in 1937
International Monetary Fund (2024c)	1937 - 2008	Spliced using overlapping data in 2009
OECD Economic Outlook (2024)	2009 - 2009	Spliced using overlapping data in 2010
OECD (2024a)	2010 - 2011	Spliced using overlapping data in 2012
OECD Economic Outlook (2024)	2012 - 2013	Spliced using overlapping data in 2014
OECD (2024a)	2014 - 2023	Baseline source, overlaps with base year 2018
OECD Economic Outlook (2024)	2024 - 2025	Spliced using overlapping data in 2026



Unemployment

Source	Time span	Notes
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018



References

References

- Bank for International Settlements (2024).
- Bolt, Jutta, Robert Inklaar, Herman de Jong, and Jan Luiten van Zanden. “Rebasing ‘Maddison’: New Income Comparisons and the Shape of Long-run Economic Development.” *Maddison Project Working Paper 10*, Maddison Project (2018). Accessed: 2024-04-04.
- Darvas, Zsolt. “Timely Measurement of Real Effective Exchange Rates.” Working Paper 2021/15, Bruegel (2021).
- Ellison, Martin, Sang Seok Lee, and Kevin Hjortshøj O’Rourke. “The Ends of 27 Big Depressions.” *American Economic Review*, 114(2024), 134–168.
- European Commission. “AMECO Database.” (2024).
- Eurostat. “Eurostat Data Explorer.” (2024). Accessed: 2024-04-23.
- Federico, Giovanni and Antonio Tena-Junguito. “World Trade, 1800-1938: a New Synthesis.” *Revista de Historia Económica-Journal of Iberian and Latin America Economic History*, 37(2019).
- Gapminder. “Gapminder: Total Population.” (2024). Accessed: 2024-08-14.
- Ha, Jongrim, M. Ayhan Kose, and Franziska Ohnsorge. “One-Stop Source: A Global Database of Inflation.” *Journal of International Money and Finance*, 137(2023), 102896.
- International Monetary Fund. “A Historical Public Debt Database.” IMF Working Papers 2010/245, International Monetary Fund (2010).
- . “Government Finance Statistics.” (2024a).
- . “International Financial Statistics.” (2024b).
- . “Monetary and Financial Statistics.” (2024c).
- Ljungberg, Jonas. “Nominal and Real Effective Exchange Rates for Europe, 1870-2016: Some methodological issues.” (2019).
- Mauro, Paolo, Rafael Romeu, Ariel Binder, and Asad Zaman. “A modern history of fiscal prudence and profligacy.” *Journal of Monetary Economics*, 76(2015), 55–70.
- Mbaye, S., M. Moreno-Badia, and K. Chae. “Global Debt Database: Methodology and Sources.” IMF Working Papers 2018/111, International Monetary Fund (2018).
- Mitchell, Brian. *International Historical Statistics*. International Historical Statistics. Palgrave Macmillan London, 1 edition (2013).
- National Bank of Serbia. “South-Eastern European Monetary and Economic Statistics from the 19th Century to World War II.” (2024). Accessed: 2024-06-24.
- OECD. “OECD Key Economic Indicators Data.” (2024a). Accessed on 2024-07-10.
- . “OECD Main Economic Indicators Data.” (2024b). Accessed on 2024-07-04.
- OECD Economic Outlook. “OECD Economic Outlook Data.” (2024). Accessed on 2024-06-05.
- Reinhart, Carmen M. and Kenneth S. Rogoff. “Debt-to-GDP Ratios Dataset.” (2010). Historical debt-to-GDP ratios for 70 countries.
- Schuler, Kurt. “Establishing an International Data Archive on Free Banking.” Studies in Applied Economics 24, The Johns Hopkins Institute for Applied Economics, Global Health, and the Study of Business Enterprise (2015).
- United Nations. “World Population Prospects 2024, Online Edition.” (2024). Accessed: 2024-02-02.
- WEO. “World Economic Outlook Database.” (2024). Accessed: 2024-08-05.
- World Bank. “World Development Indicators.” (2024). Accessed: 2024-04-21.
- World Bank (Archives). “World Development Indicators.” (1999). Accessed: 2024-07-21.