

# Country Data and Graphs for Pakistan

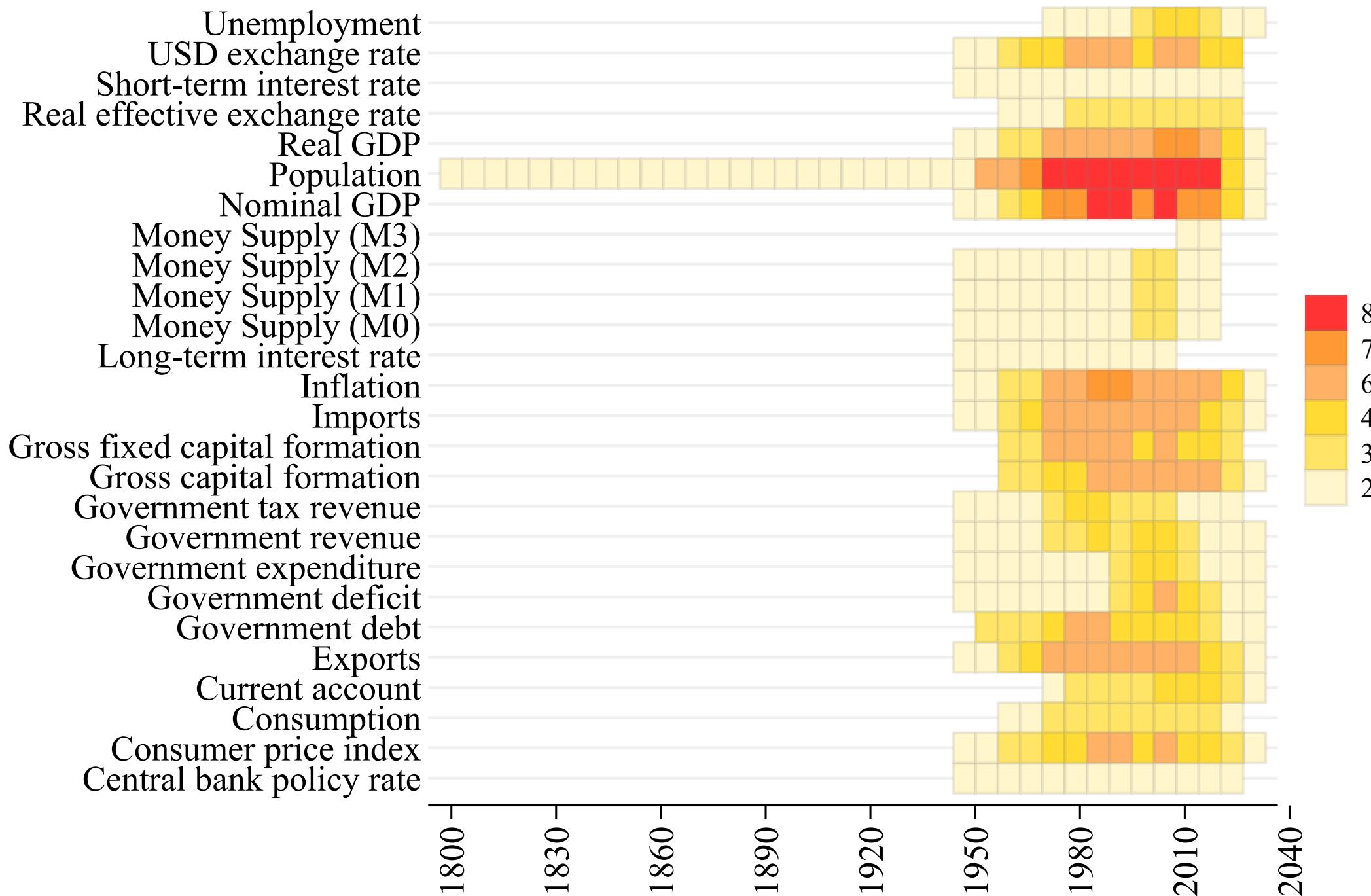
January 31, 2025

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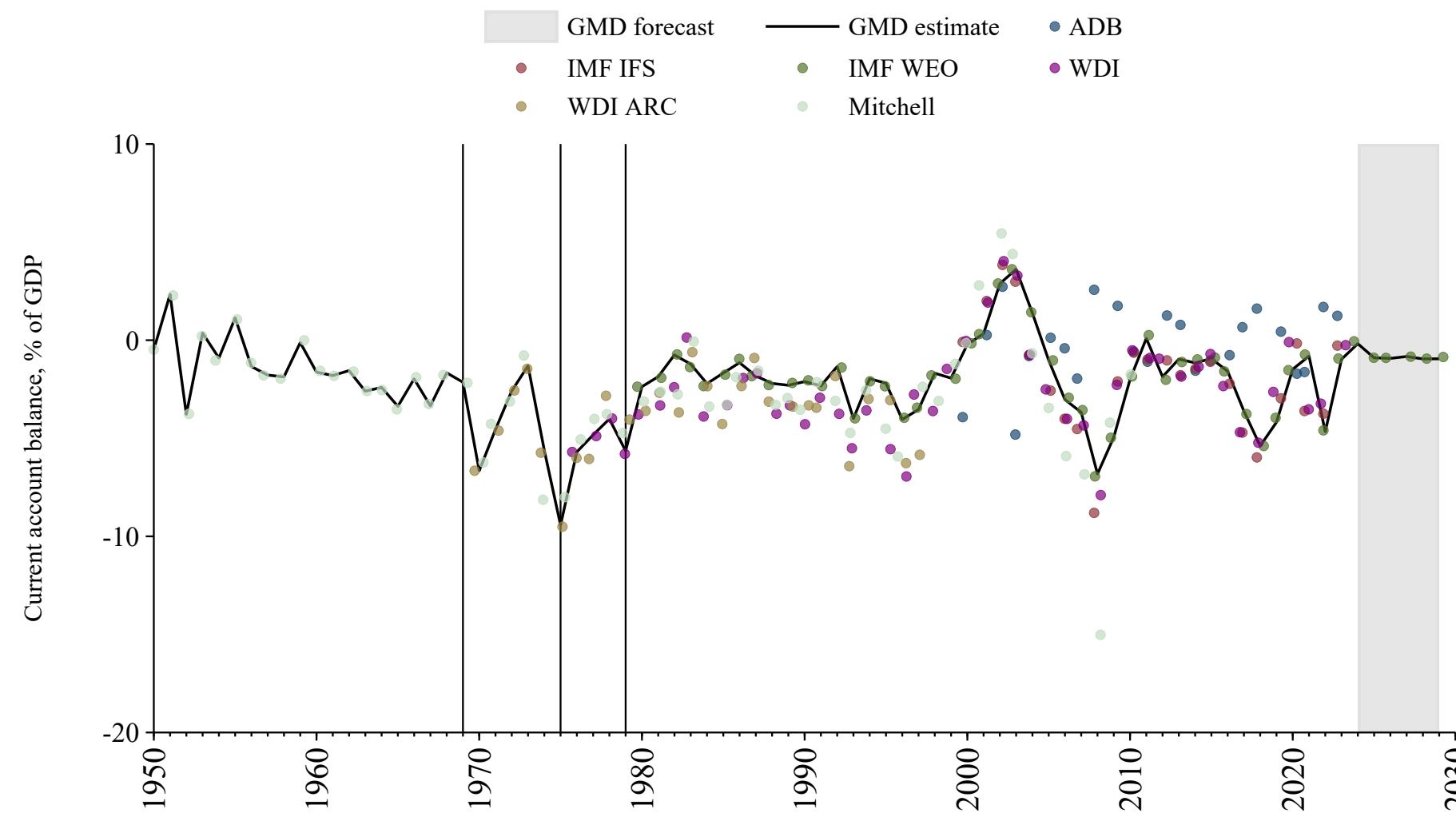
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## Data availability heatmap



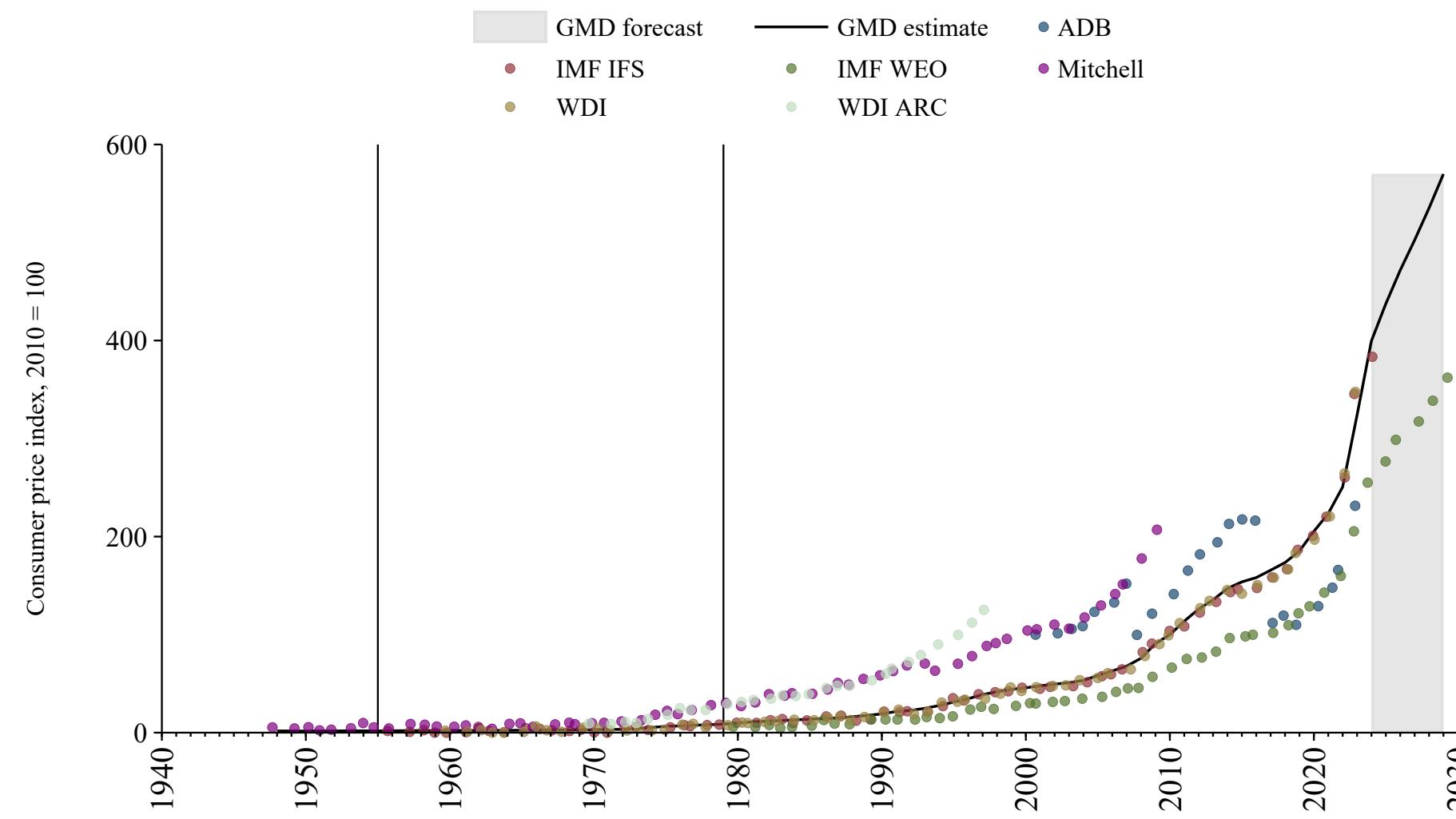
## Current account balance

Source	Time span	Notes
Mitchell (2013)	1950 - 1969	Spliced using overlapping data in 1970
World Bank (Archives) (1999)	1970 - 1975	Spliced using overlapping data in 1976
World Bank (2024)	1976 - 1979	Spliced using overlapping data in 1980
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018



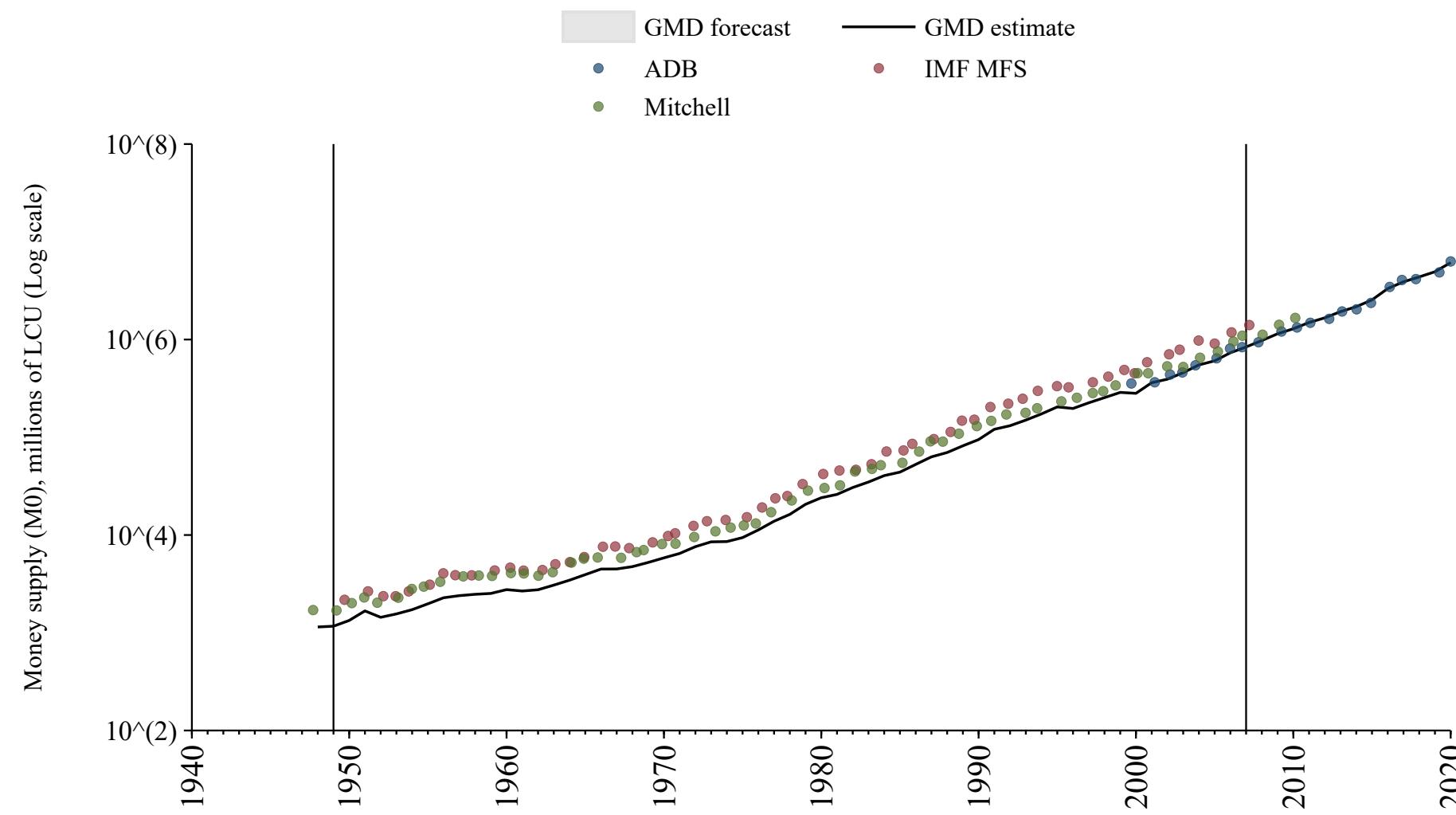
## Consumer price index

Source	Time span	Notes
Mitchell (2013)	1948 - 1955	Spliced using overlapping data in 1956: (ratio = 19.9%).
International Monetary Fund (2024b)	1956 - 1979	Spliced using overlapping data in 1980: (ratio = 67.4%).
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018



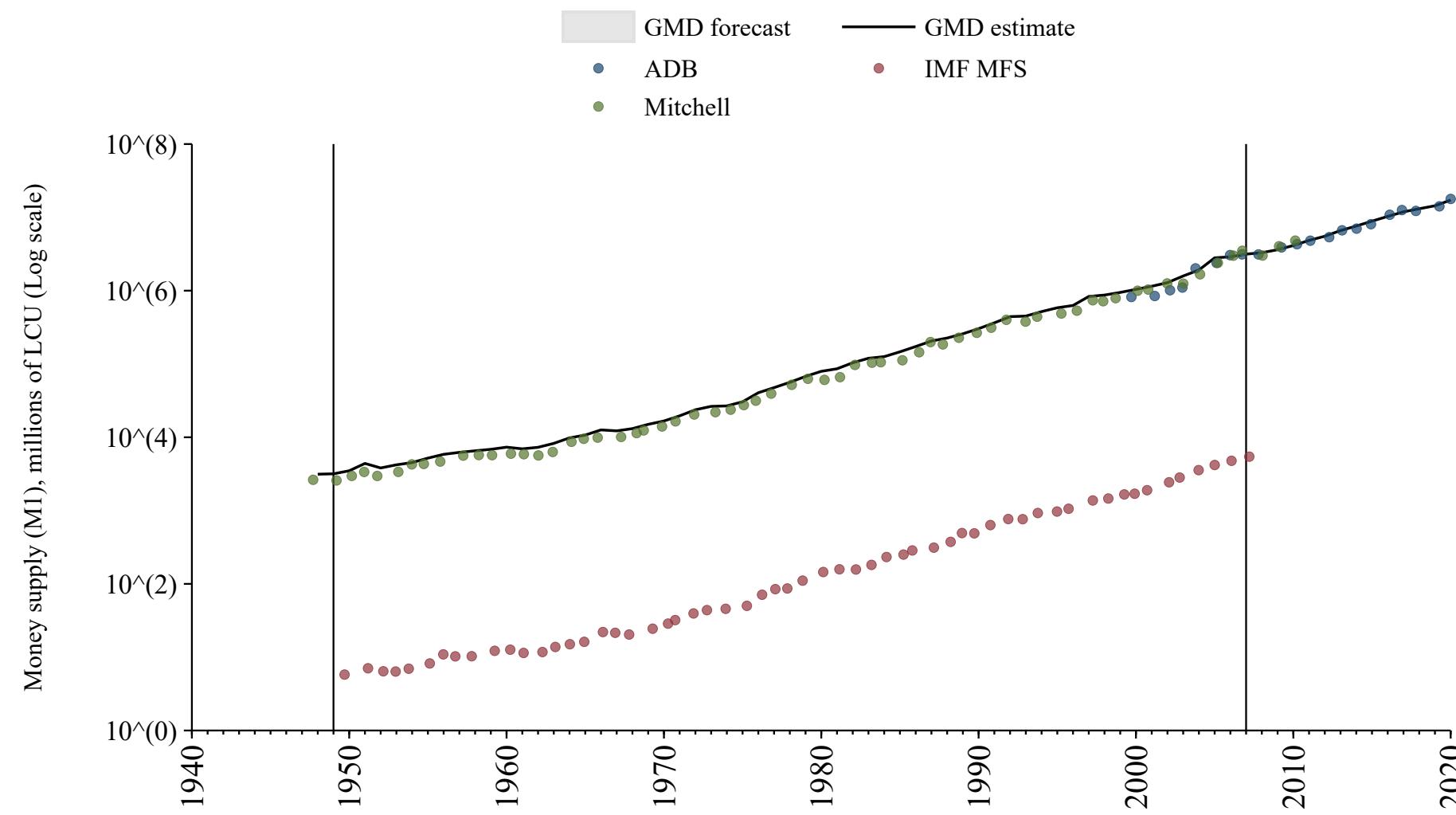
## Money supply (M0)

Source	Time span	Notes
Mitchell (2013)	1948 - 1949	Spliced using overlapping data in 1950: (ratio = 67.1%).
International Monetary Fund (2024c)	1950 - 2007	Spliced using overlapping data in 2008: (ratio = 61.4%).
Asian Development Bank (2024)	2008 - 2020	Baseline source, overlaps with base year 2018



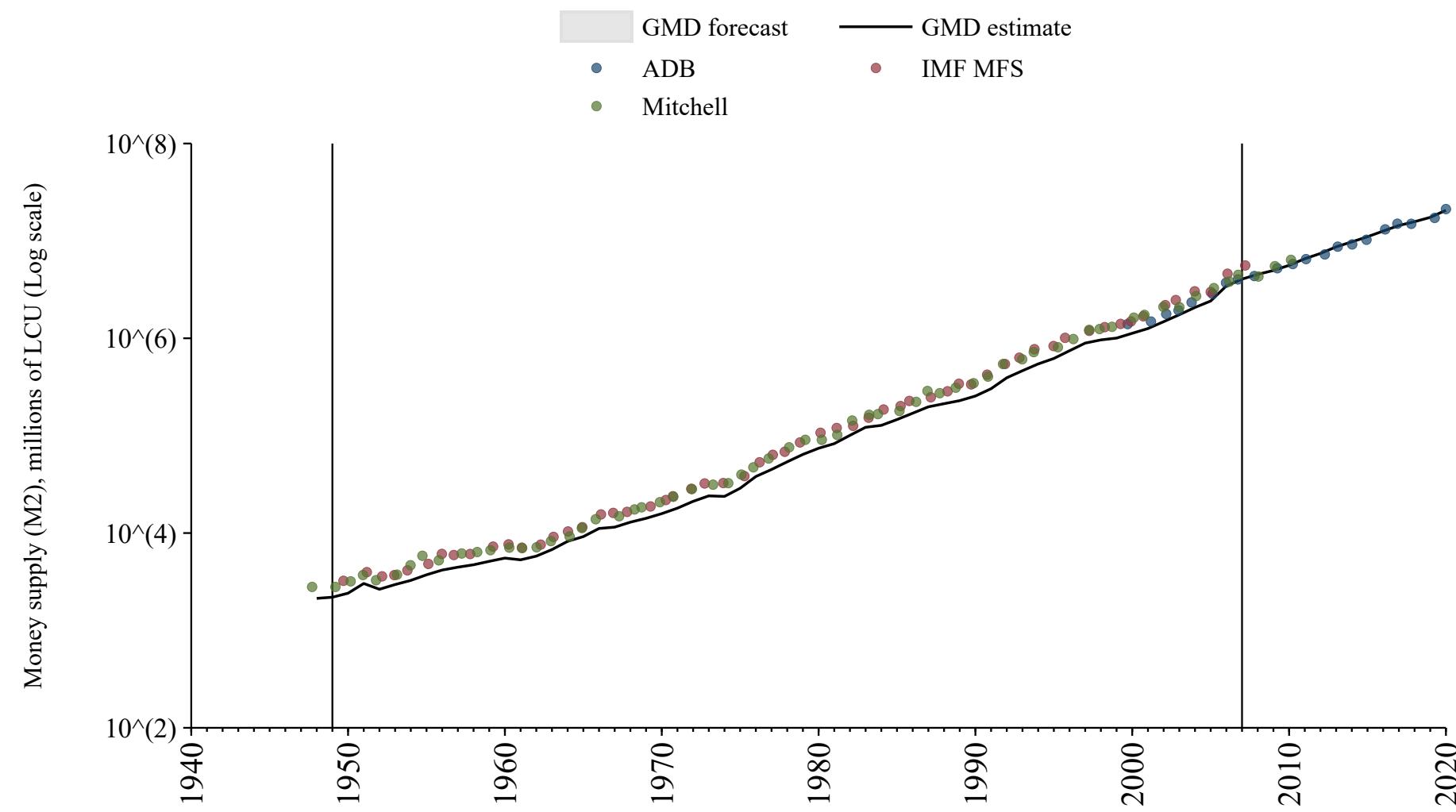
## Money supply (M1)

Source	Time span	Notes
Mitchell (2013)	1948 - 1949	Spliced using overlapping data in 1950: (ratio = 119.1%).
International Monetary Fund (2024c)	1950 - 2007	Spliced using overlapping data in 2008: (ratio = 60210.6%).
Asian Development Bank (2024)	2008 - 2020	Baseline source, overlaps with base year 2018



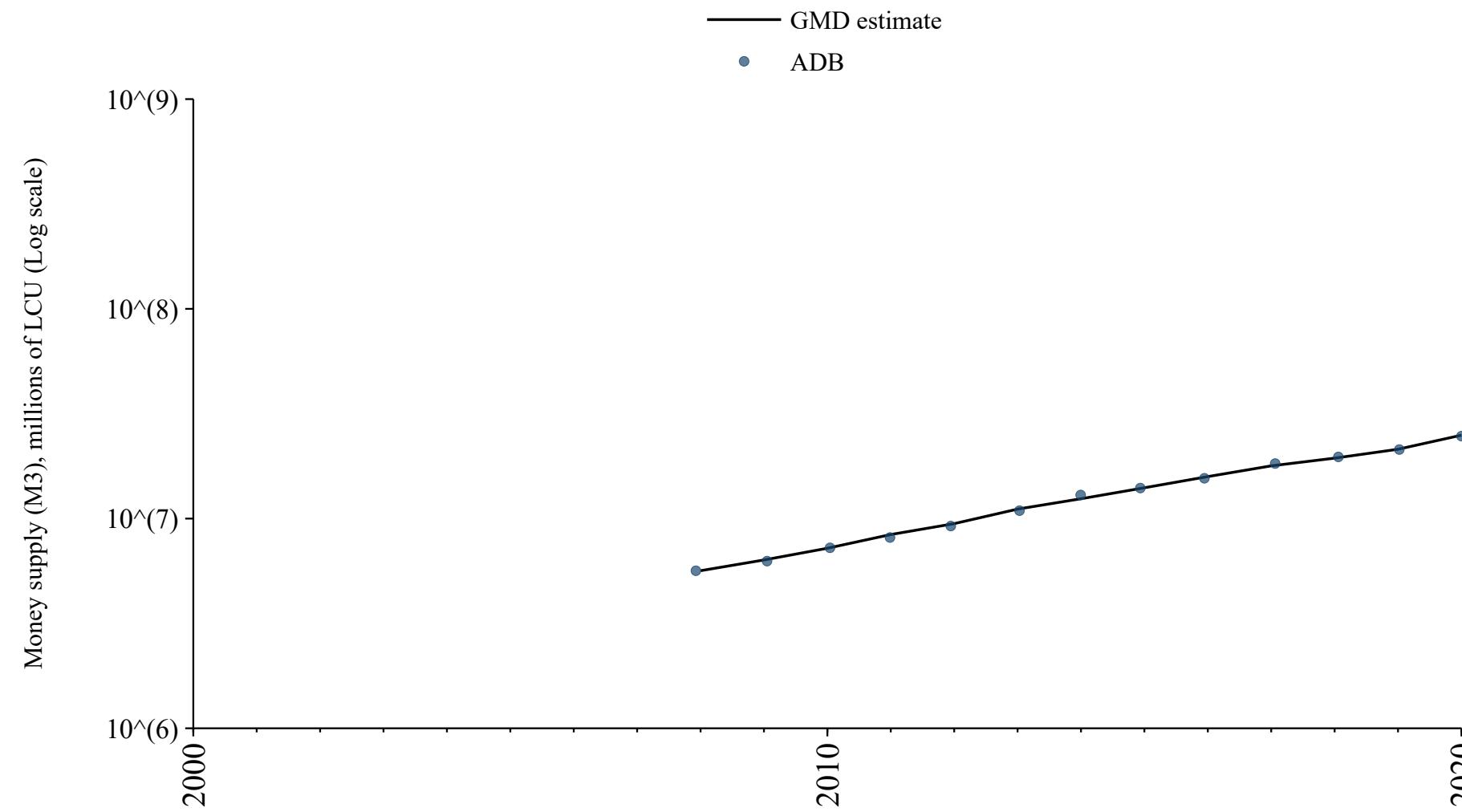
## Money supply (M2)

Source	Time span	Notes
Mitchell (2013)	1948 - 1949	Spliced using overlapping data in 1950: (ratio = 76.3%).
International Monetary Fund (2024c)	1950 - 2007	Spliced using overlapping data in 2008: (ratio = 74.5%).
Asian Development Bank (2024)	2008 - 2020	Baseline source, overlaps with base year 2018



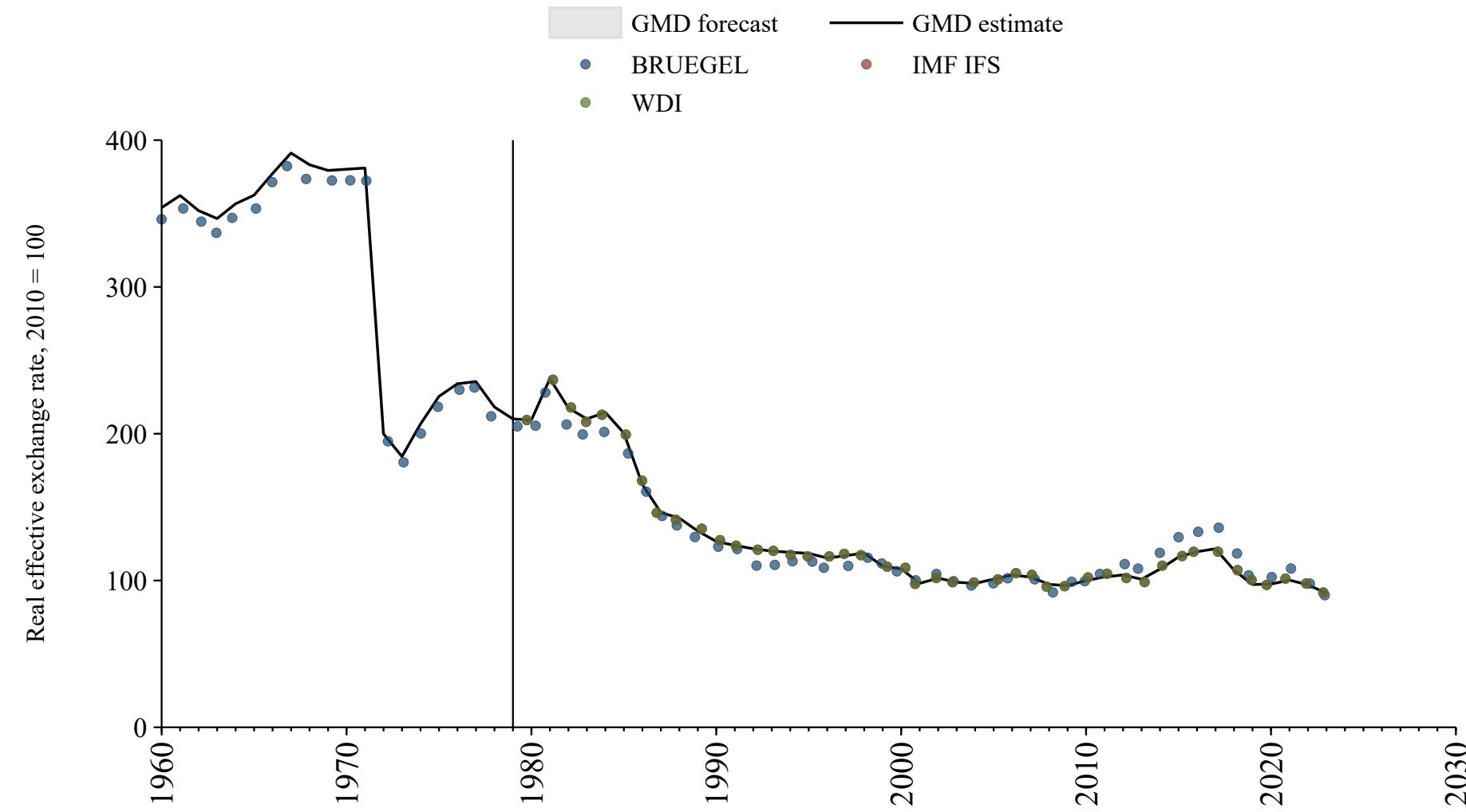
## Money supply (M3)

Source	Time span	Notes
<a href="#">Asian Development Bank (2024)</a>	2008 - 2020	Baseline source, overlaps with base year 2018



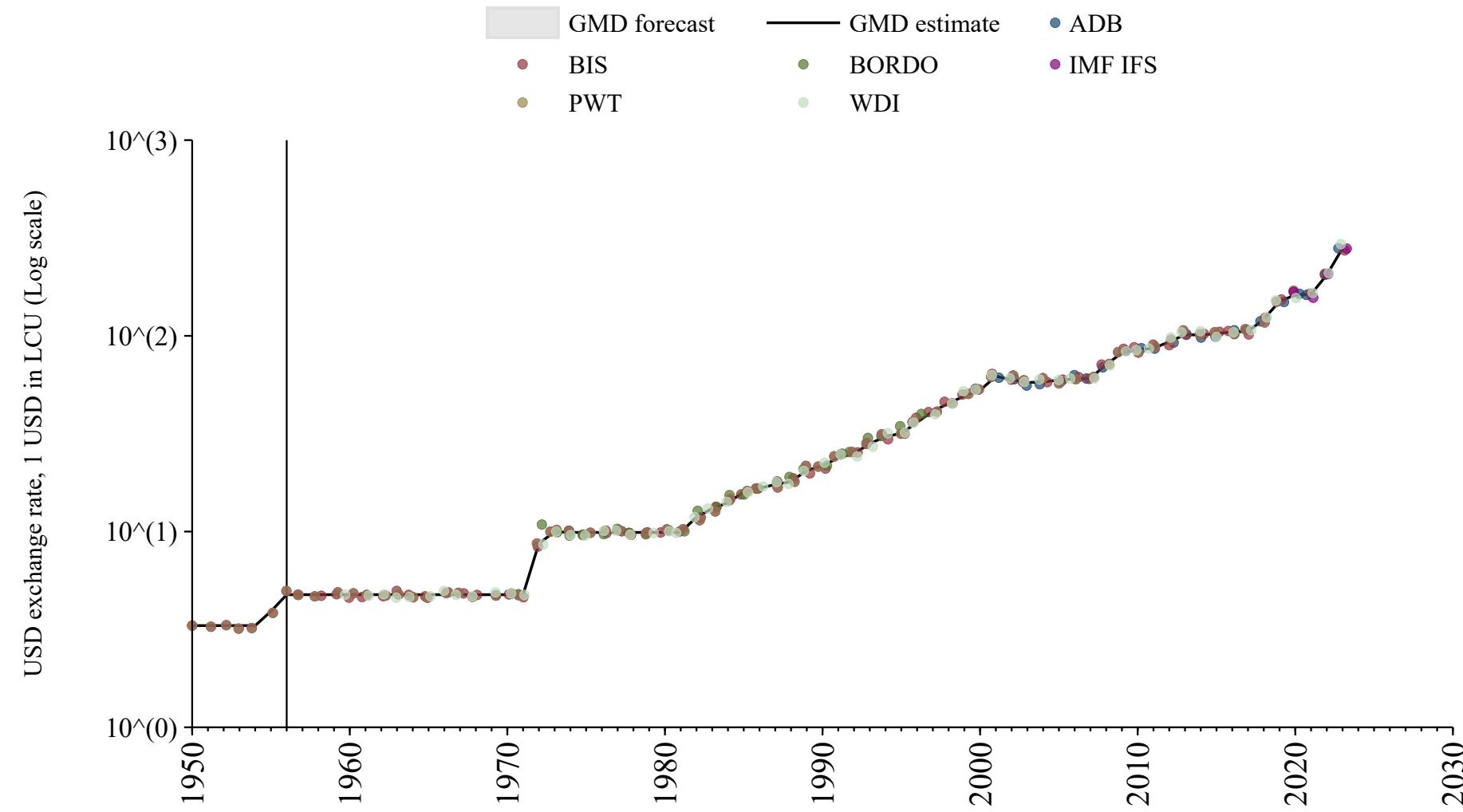
## Real effective exchange rate

Source	Time span	Notes
Darvas (2021)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 102.3%).
World Bank (2024)	1980 - 2023	Baseline source, overlaps with base year 2018



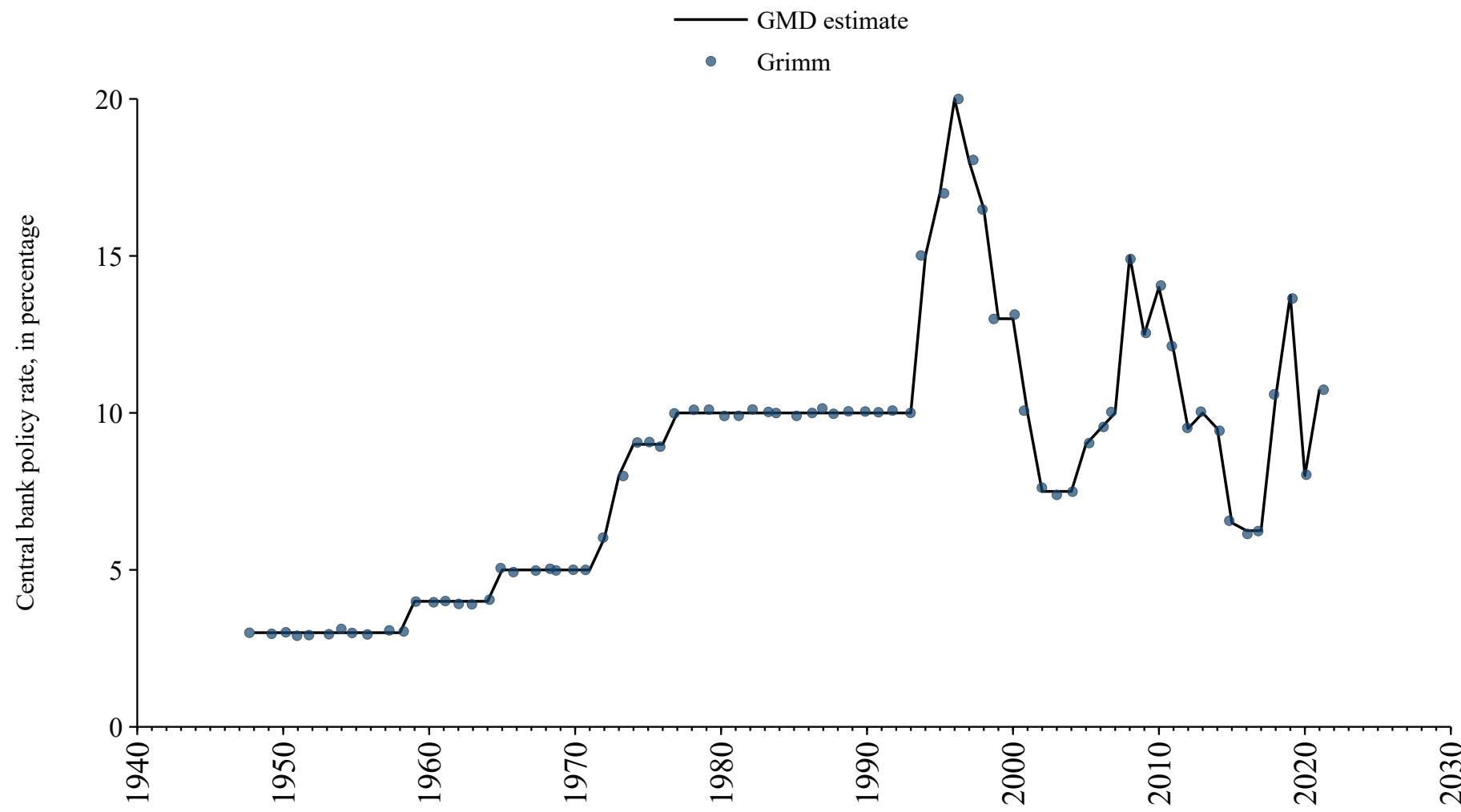
## USD exchange rate

Source	Time span	Notes
International Monetary Fund (2024b)	1950 - 1956	Spliced using overlapping data in 1957
Bank for International Settlements (2024)	1957 - 2023	Baseline source, overlaps with base year 2018



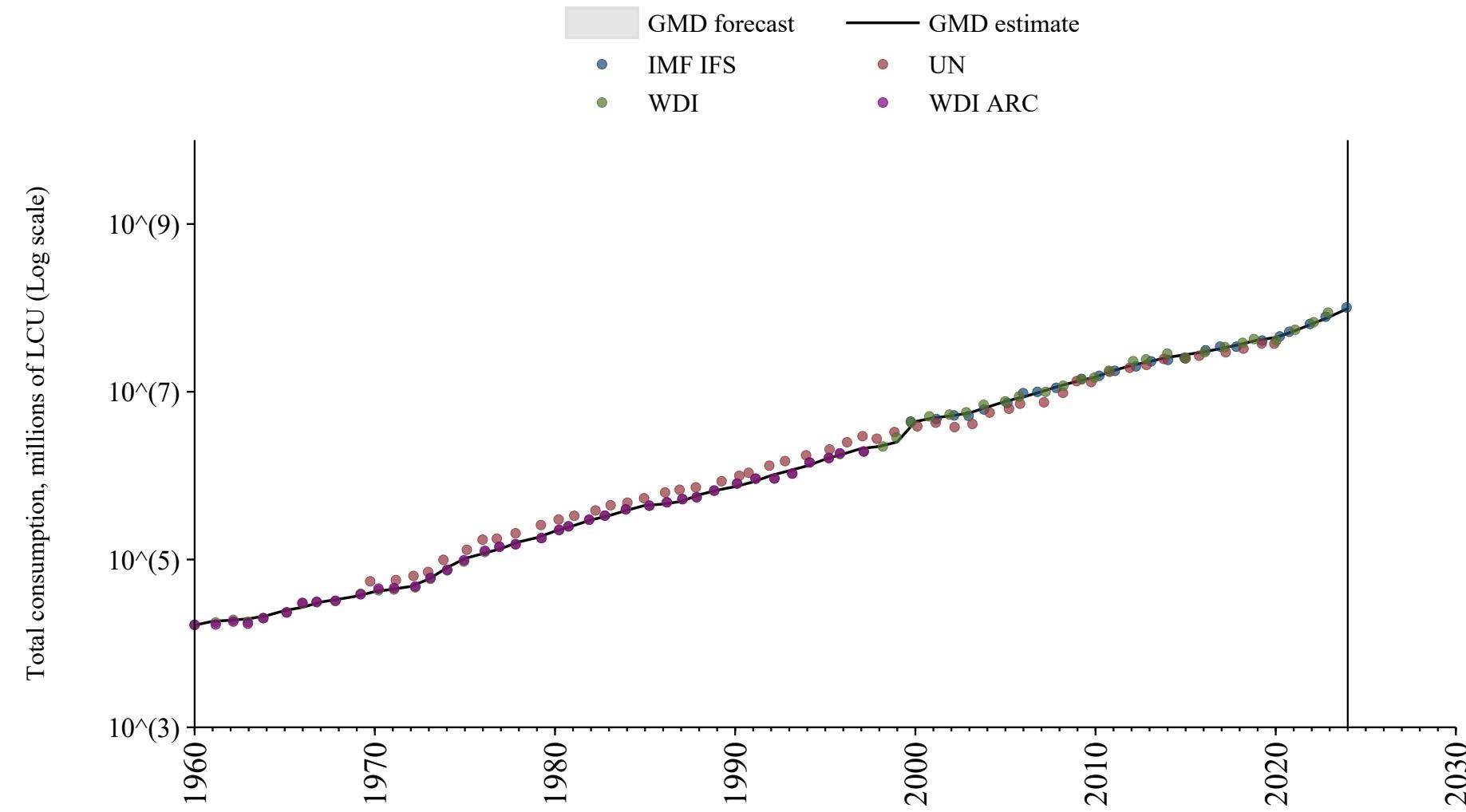
## Central bank policy rate

Source	Time span	Notes
Grimm (2024)	1948 - 2021	Baseline source, overlaps with base year 2018



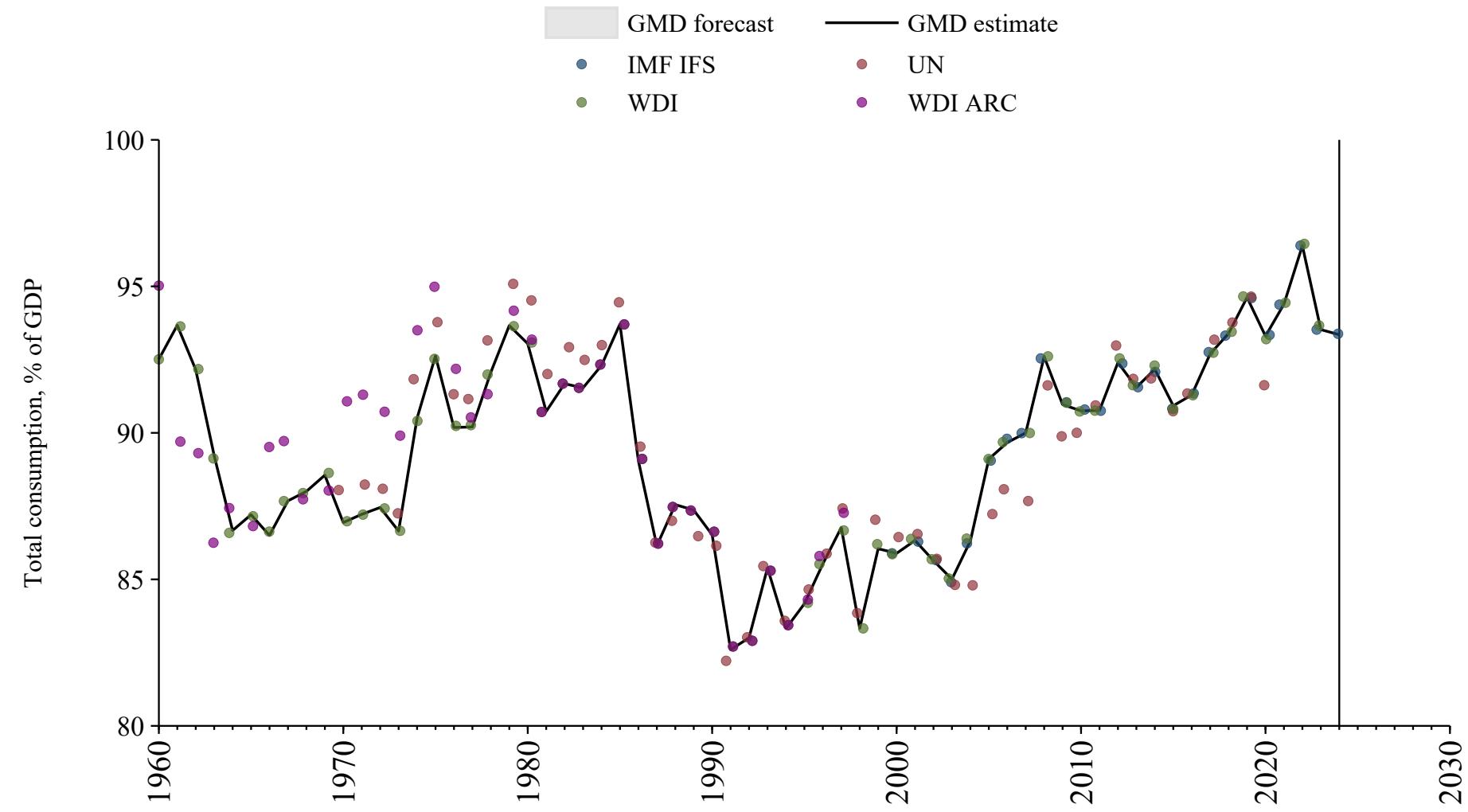
## Total consumption

Source	Time span	Notes
World Bank (2024)	1960 - 2023	Baseline source, overlaps with base year 2018
International Monetary Fund (2024b)	2024 - 2024	Spliced using overlapping data in 2025



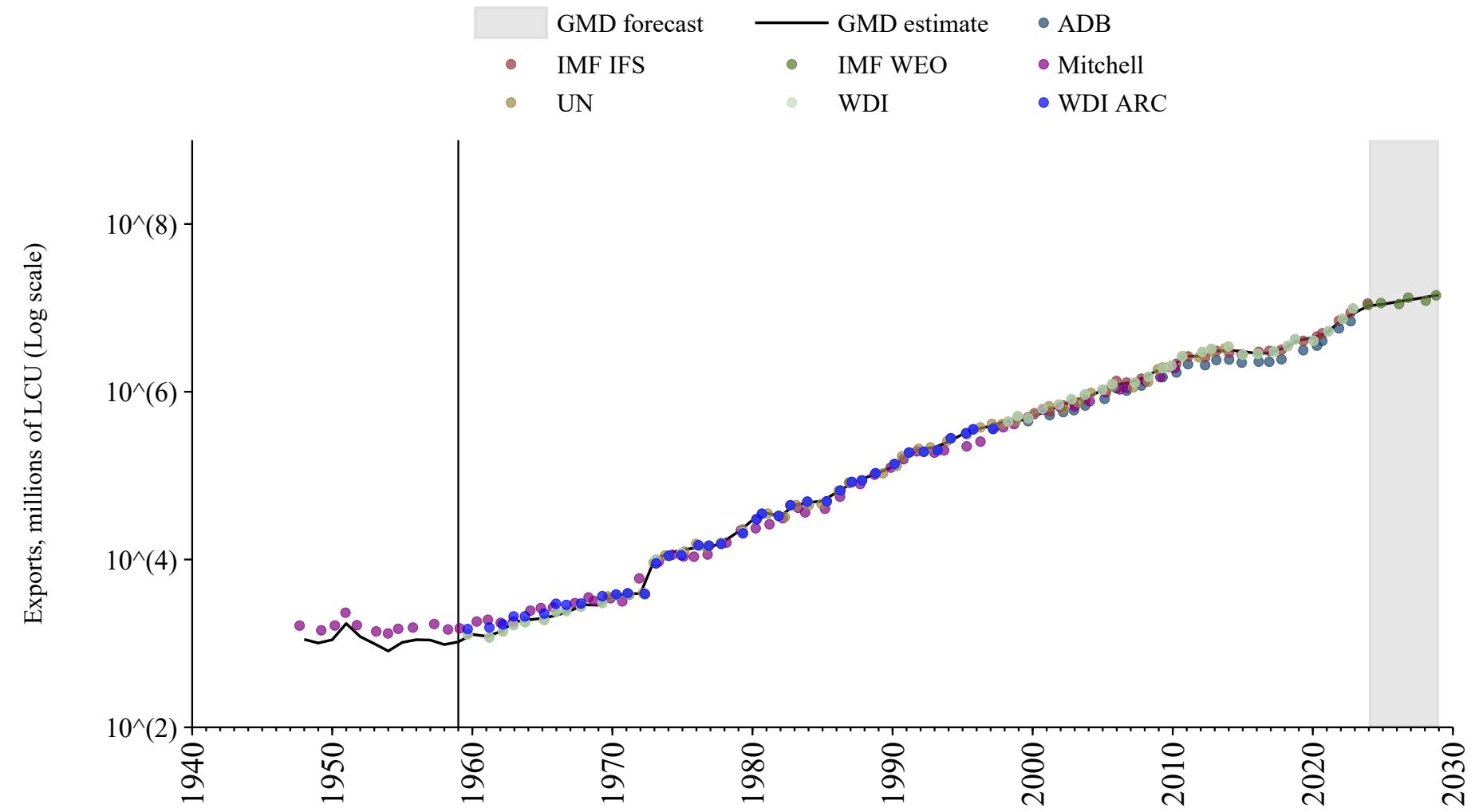
## Total consumption to GDP ratio

Source	Time span	Notes
World Bank (2024)	1960 - 2023	Baseline source, overlaps with base year 2018
International Monetary Fund (2024b)	2024 - 2024	Spliced using overlapping data in 2025



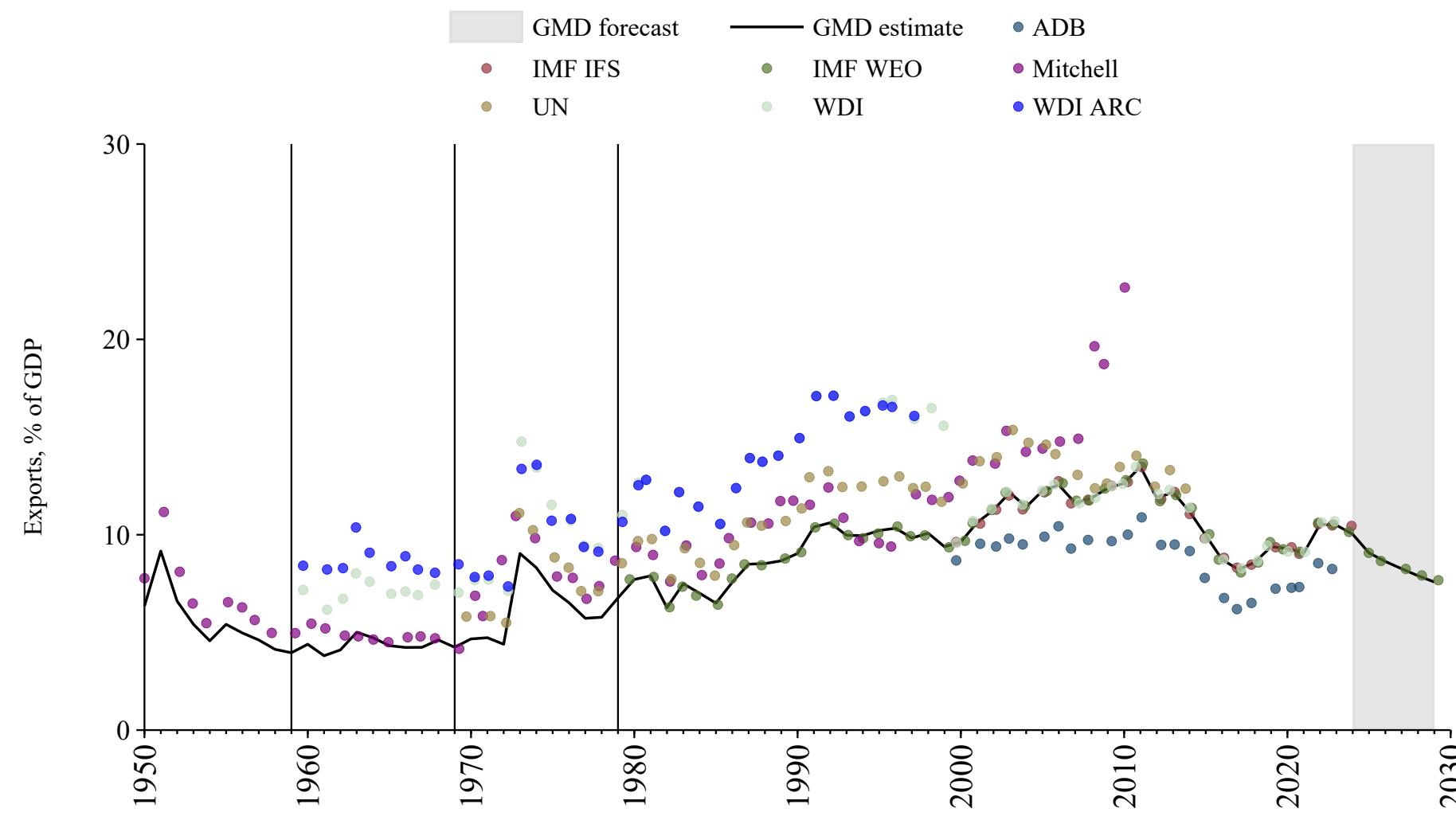
## Exports

Source	Time span	Notes
<a href="#">Mitchell (2013)</a>	1948 - 1959	Spliced using overlapping data in 1960: (ratio = 68.4%).
<a href="#">WEO (2024)</a>	1960 - 2029	Baseline source, overlaps with base year 2018



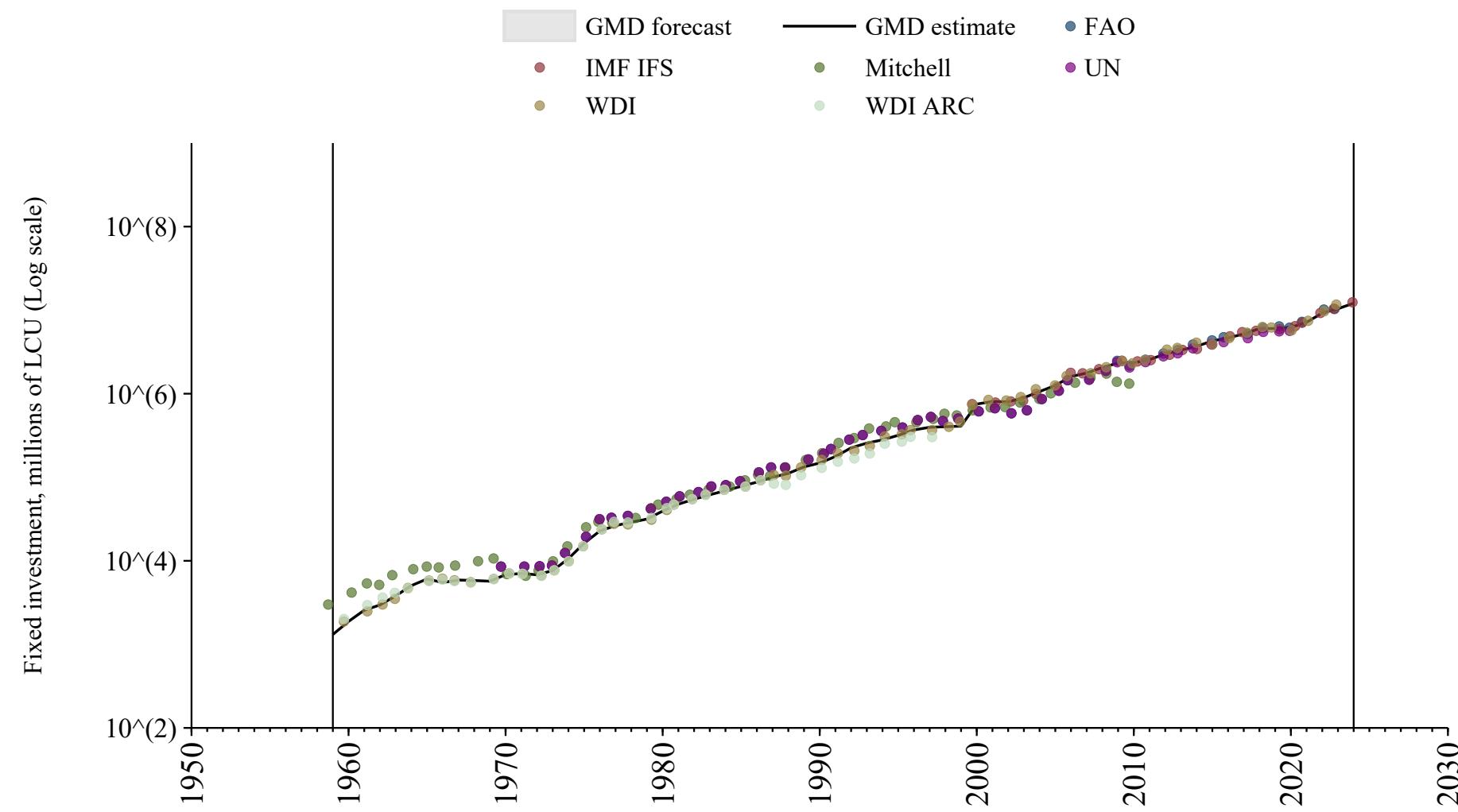
## Exports to GDP ratio

Source	Time span	Notes
Mitchell (2013)	1950 - 1959	Spliced using overlapping data in 1960: (ratio = 81.7%).
World Bank (2024)	1960 - 1969	Spliced using overlapping data in 1970: (ratio = 61.3%).
United Nations (2024)	1970 - 1979	Spliced using overlapping data in 1980: (ratio = 80.3%).
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018



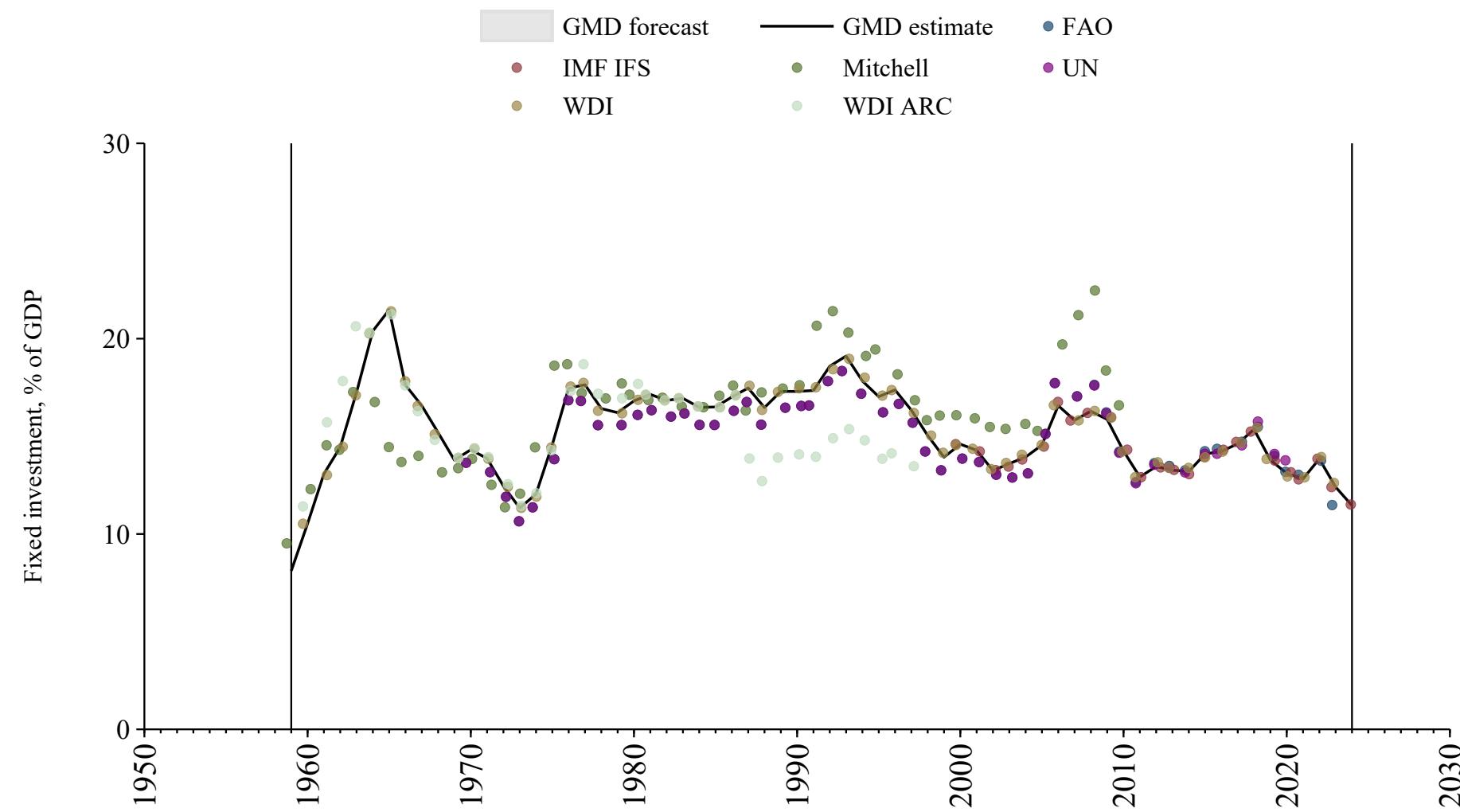
## Fixed investment

Source	Time span	Notes
Mitchell (2013)	1959 - 1959	Spliced using overlapping data in 1960: (ratio = 43.7%).
World Bank (2024)	1960 - 2023	Baseline source, overlaps with base year 2018
International Monetary Fund (2024b)	2024 - 2024	Spliced using overlapping data in 2025



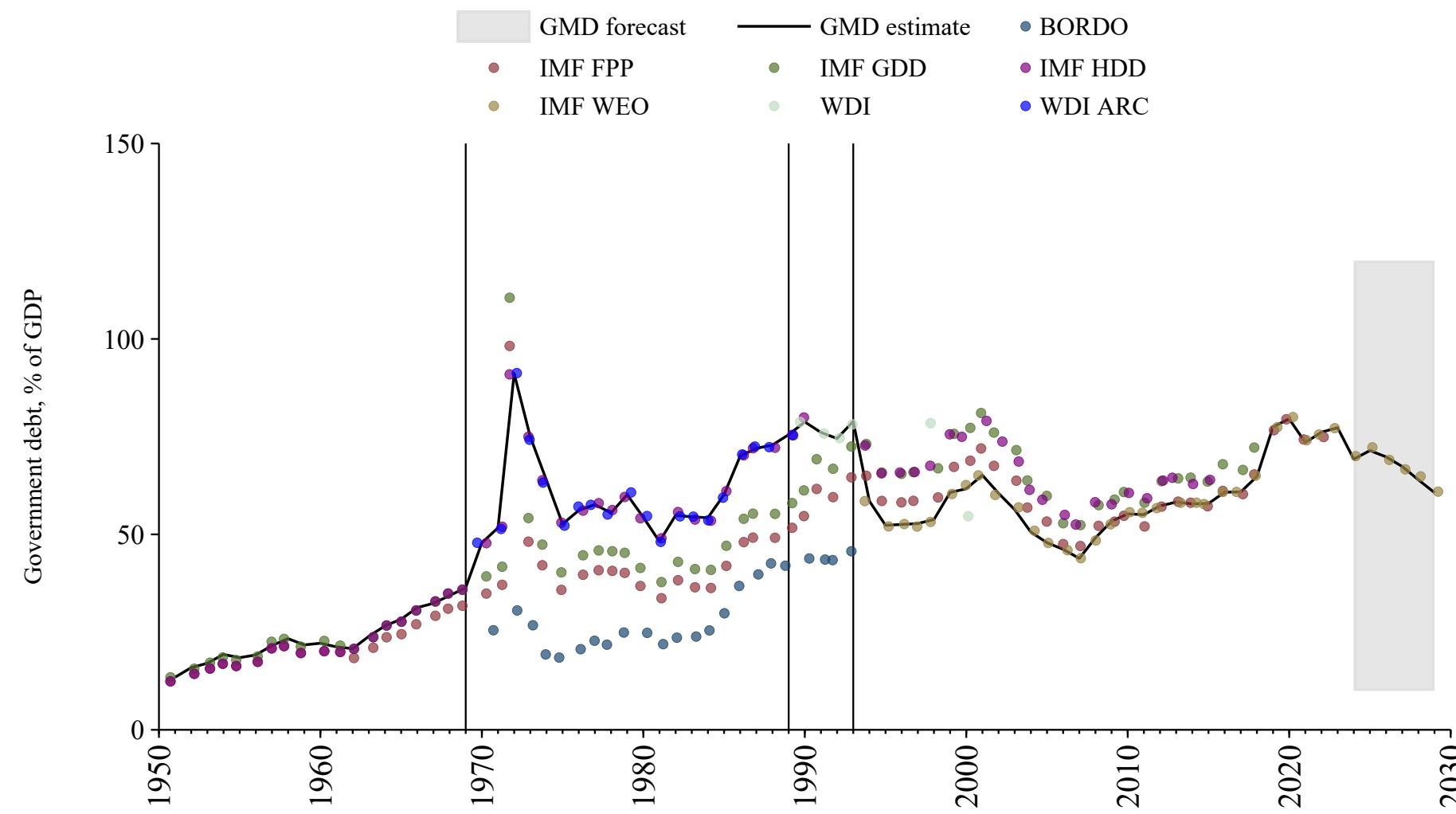
## Fixed investment to GDP ratio

Source	Time span	Notes
Mitchell (2013)	1959 - 1959	Spliced using overlapping data in 1960: (ratio = 85.2%).
World Bank (2024)	1960 - 2023	Baseline source, overlaps with base year 2018
International Monetary Fund (2024b)	2024 - 2024	Spliced using overlapping data in 2025



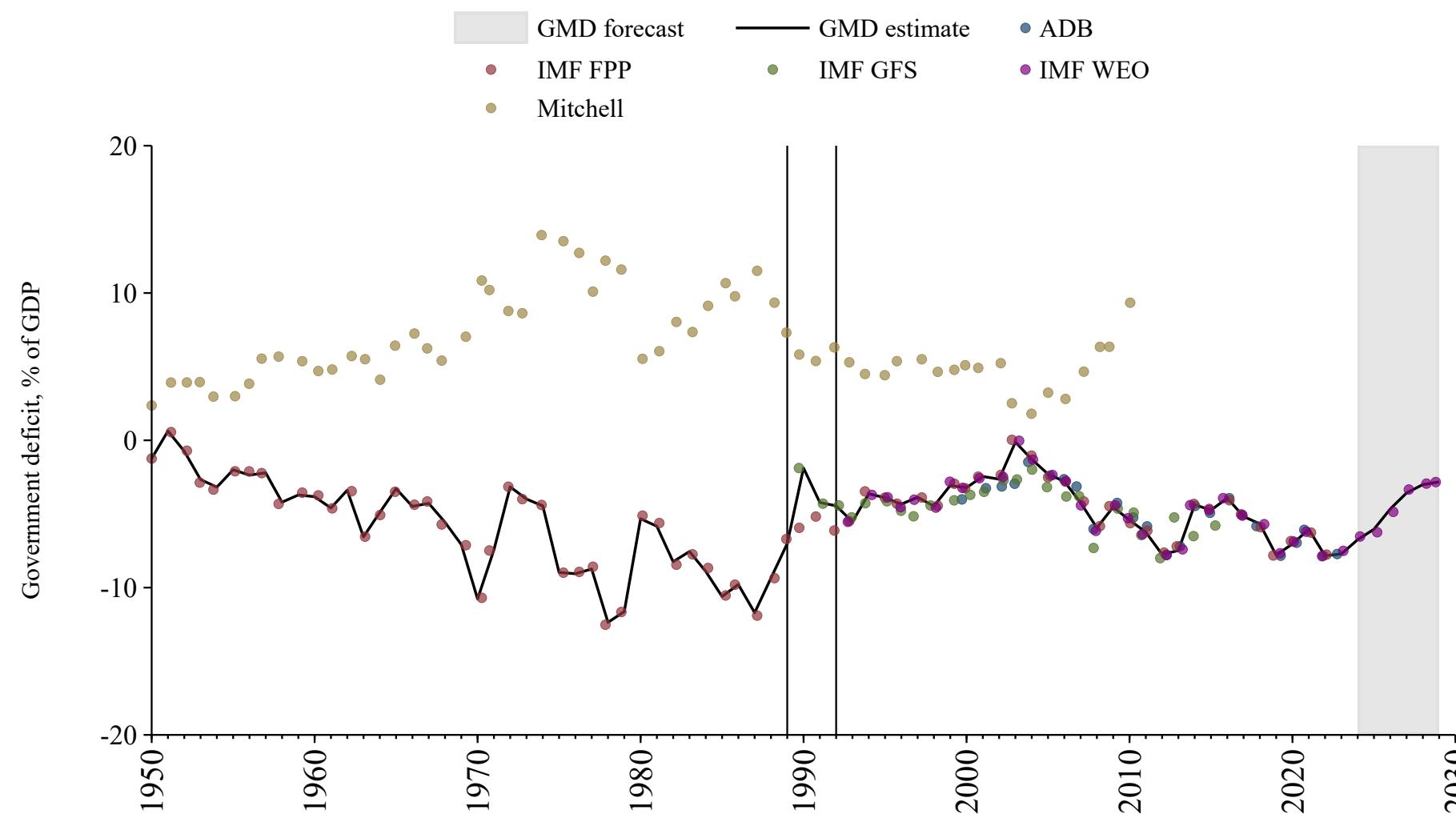
## Government debt

Source	Time span	Notes
Mbaye et al. (2018)	1951 - 1969	Spliced using overlapping data in 1970
World Bank (Archives) (1999)	1970 - 1989	Spliced using overlapping data in 1990
World Bank (2024)	1990 - 1993	Spliced using overlapping data in 1994
WEO (2024)	1994 - 2029	Baseline source, overlaps with base year 2018



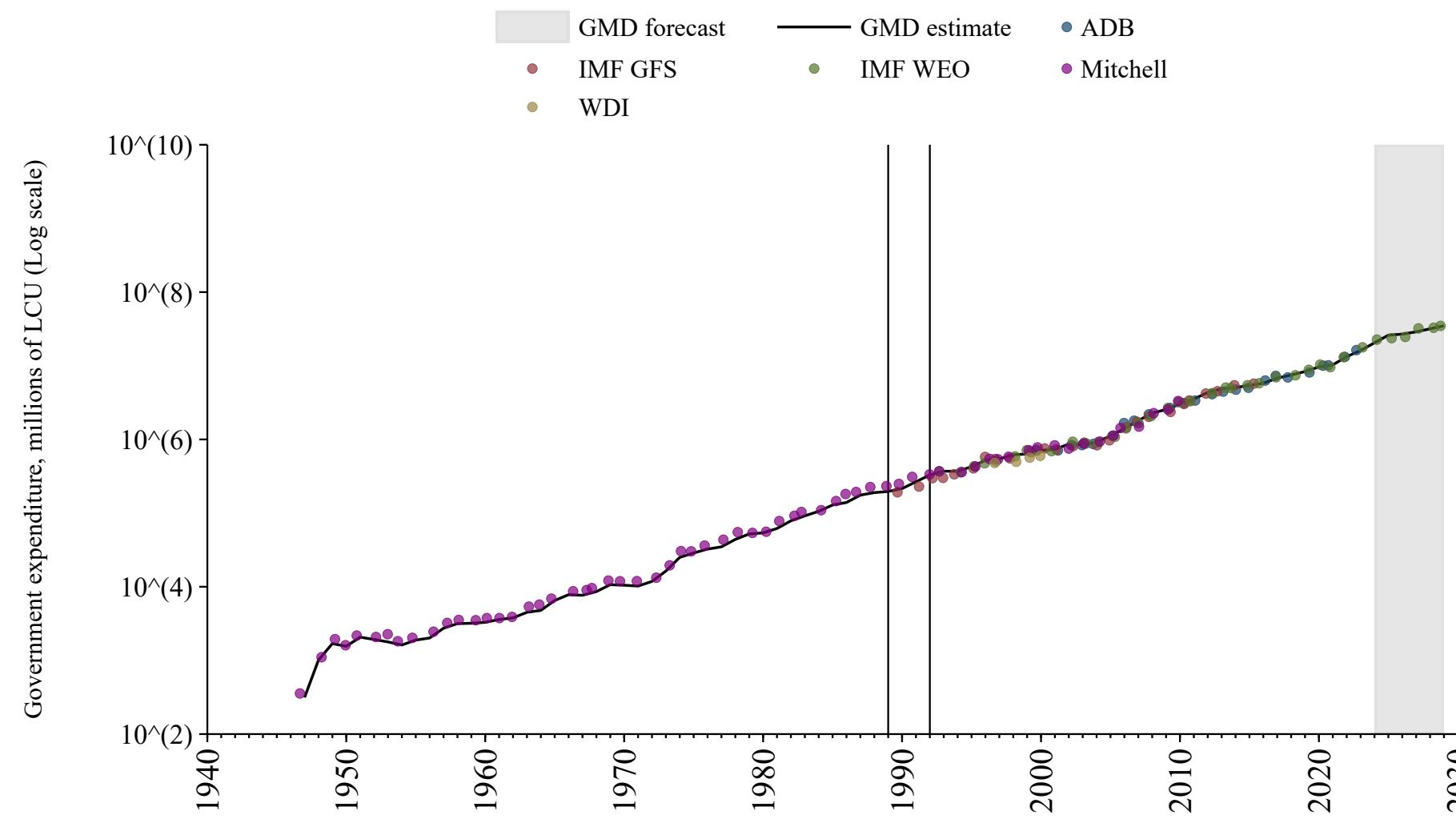
## Government deficit

Source	Time span	Notes
Mauro et al. (2015)	1950 - 1989	Spliced using overlapping data in 1990
International Monetary Fund (2024a)	1990 - 1992	Spliced using overlapping data in 1993
WEO (2024)	1993 - 2029	Baseline source, overlaps with base year 2018



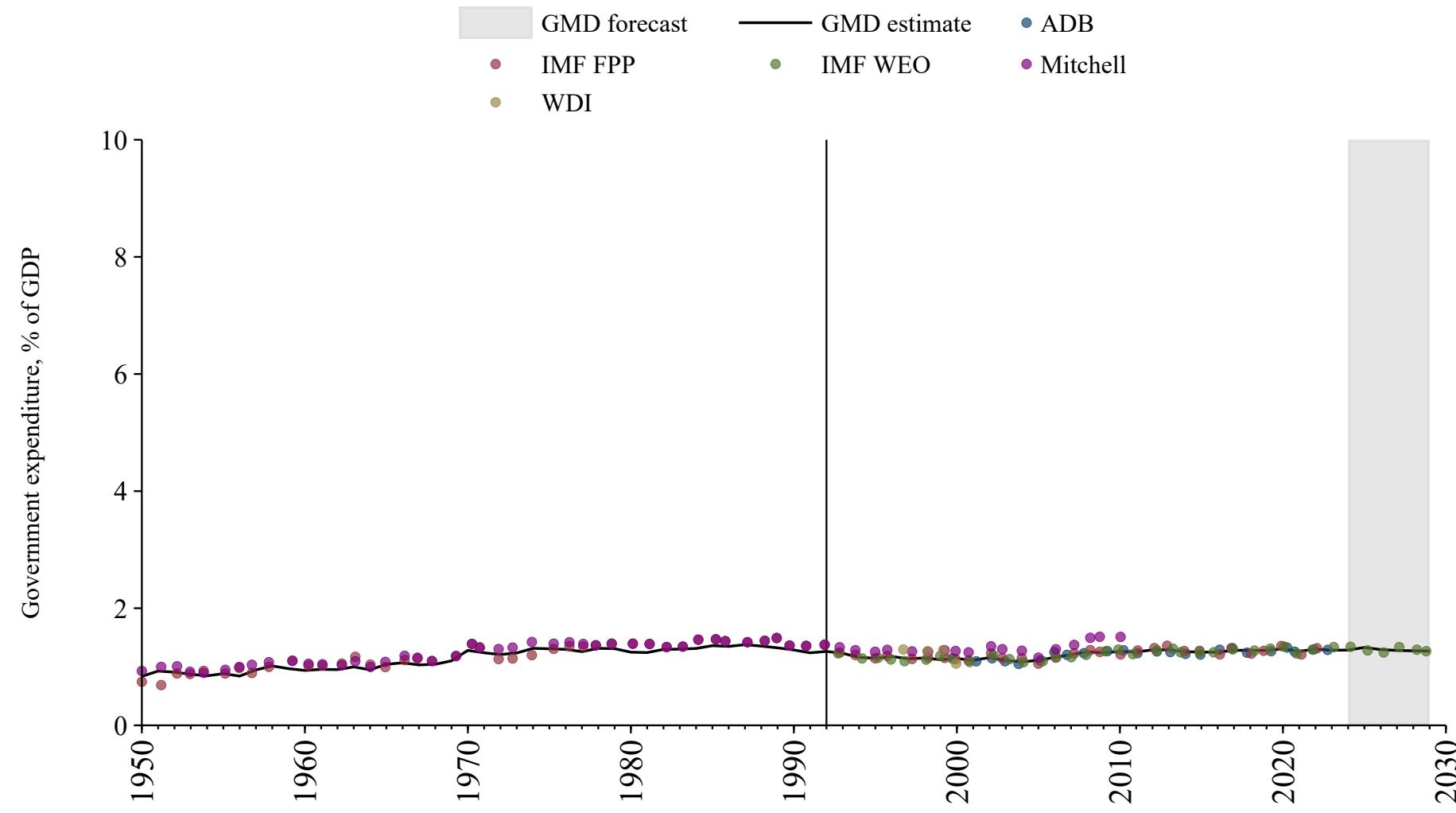
## Government expenditure

Source	Time span	Notes
Mitchell (2013)	1947 - 1989	Spliced using overlapping data in 1990: (ratio = 88.2%). Data refers to central government.
International Monetary Fund (2024a)	1990 - 1992	Spliced using overlapping data in 1993: (ratio = 112.1%).
WEO (2024)	1993 - 2029	Baseline source, overlaps with base year 2018 Data refers to general government.



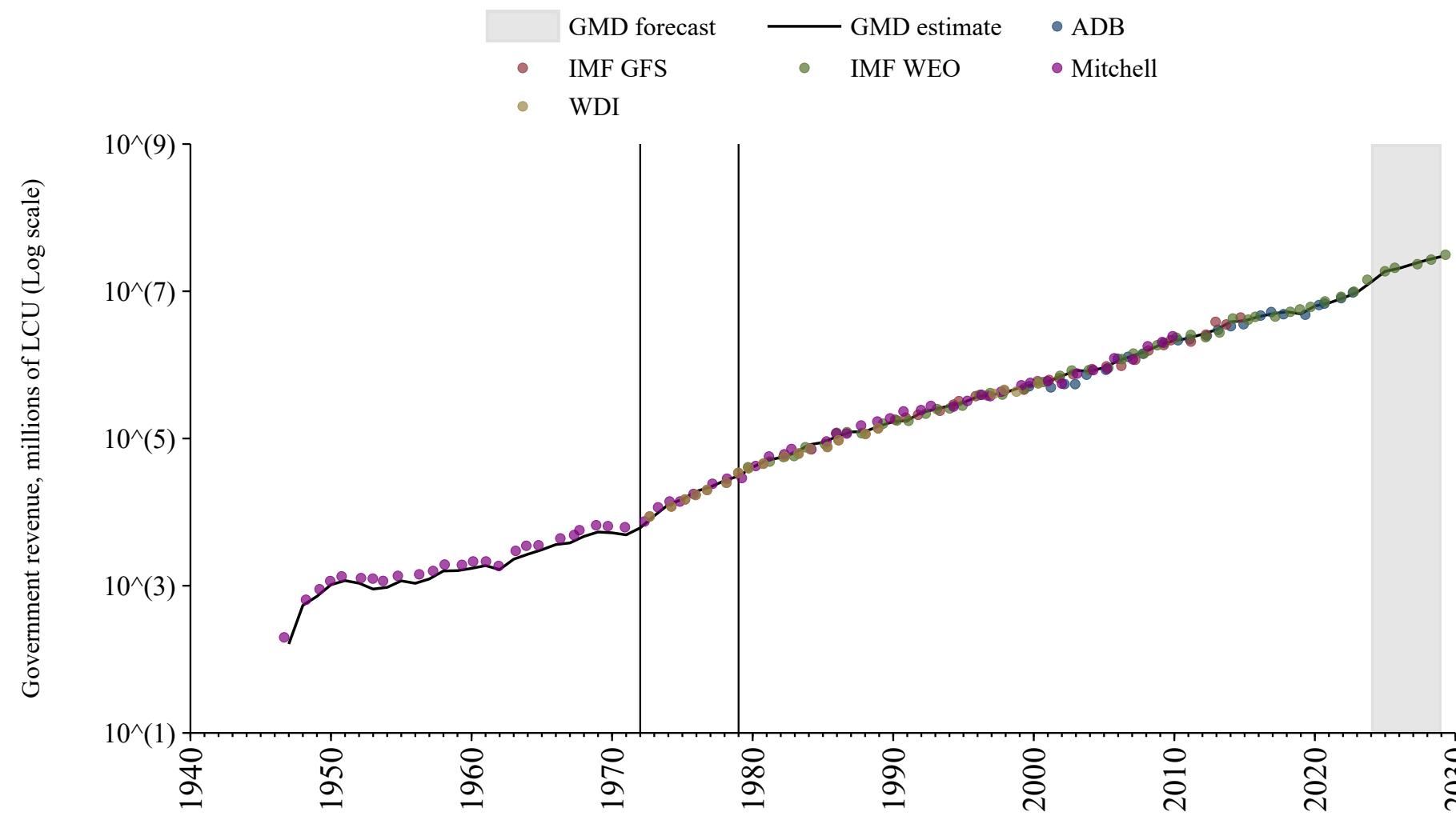
## Government expenditure to GDP ratio

Source	Time span	Notes
<a href="#">Mauro et al. (2015)</a>	1950 - 1992	Spliced using overlapping data in 1993 Data refers to general government.
<a href="#">WEO (2024)</a>	1993 - 2029	Baseline source, overlaps with base year 2018 Data refers to general government.



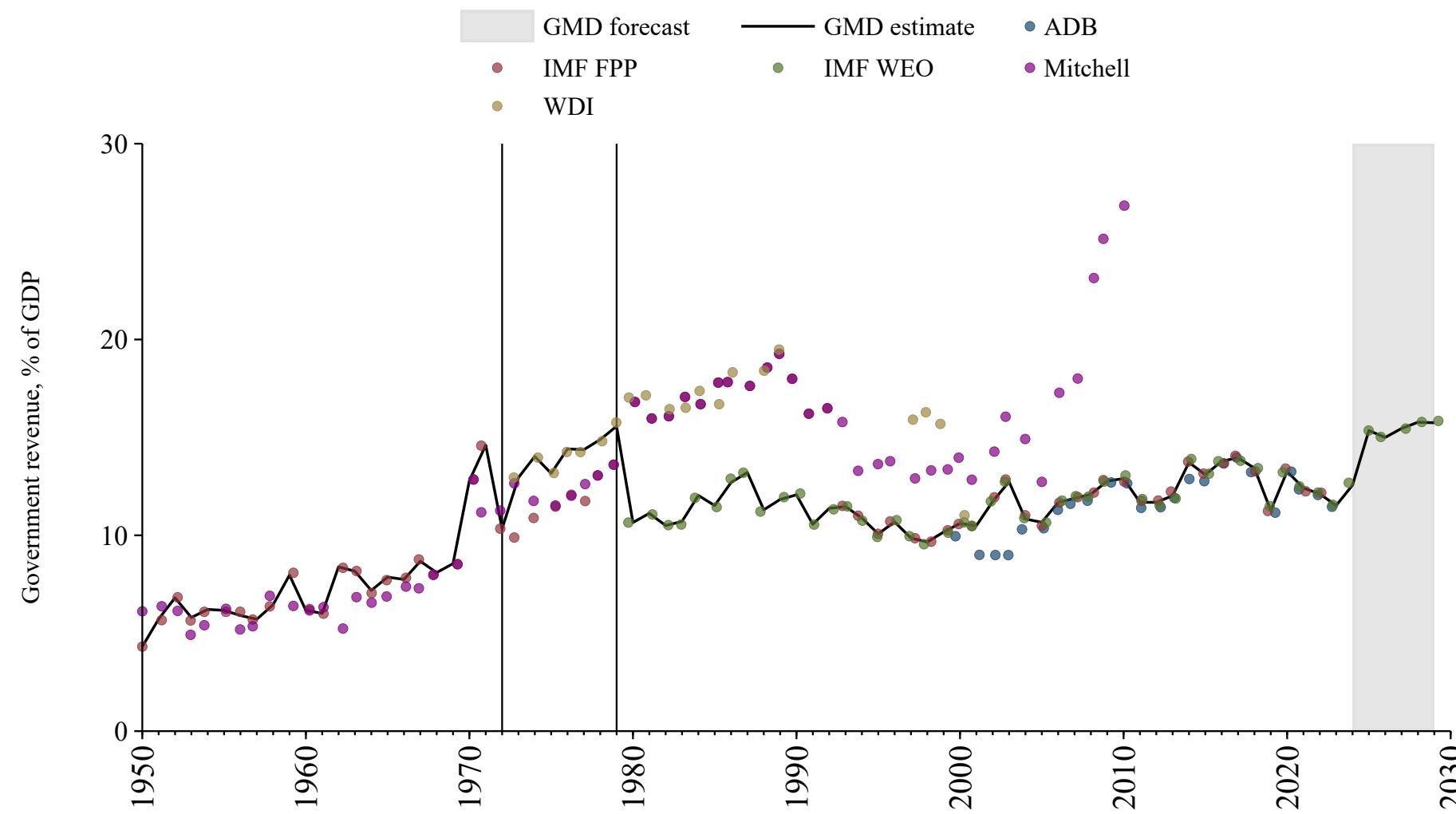
## Government revenue

Source	Time span	Notes
Mitchell (2013)	1947 - 1972	Spliced using overlapping data in 1973: (ratio = 81.1%). Data refers to central government.
International Monetary Fund (2024a)	1973 - 1979	Spliced using overlapping data in 1980: (ratio = 102%). Data refers to central government.
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018 Data refers to general government.



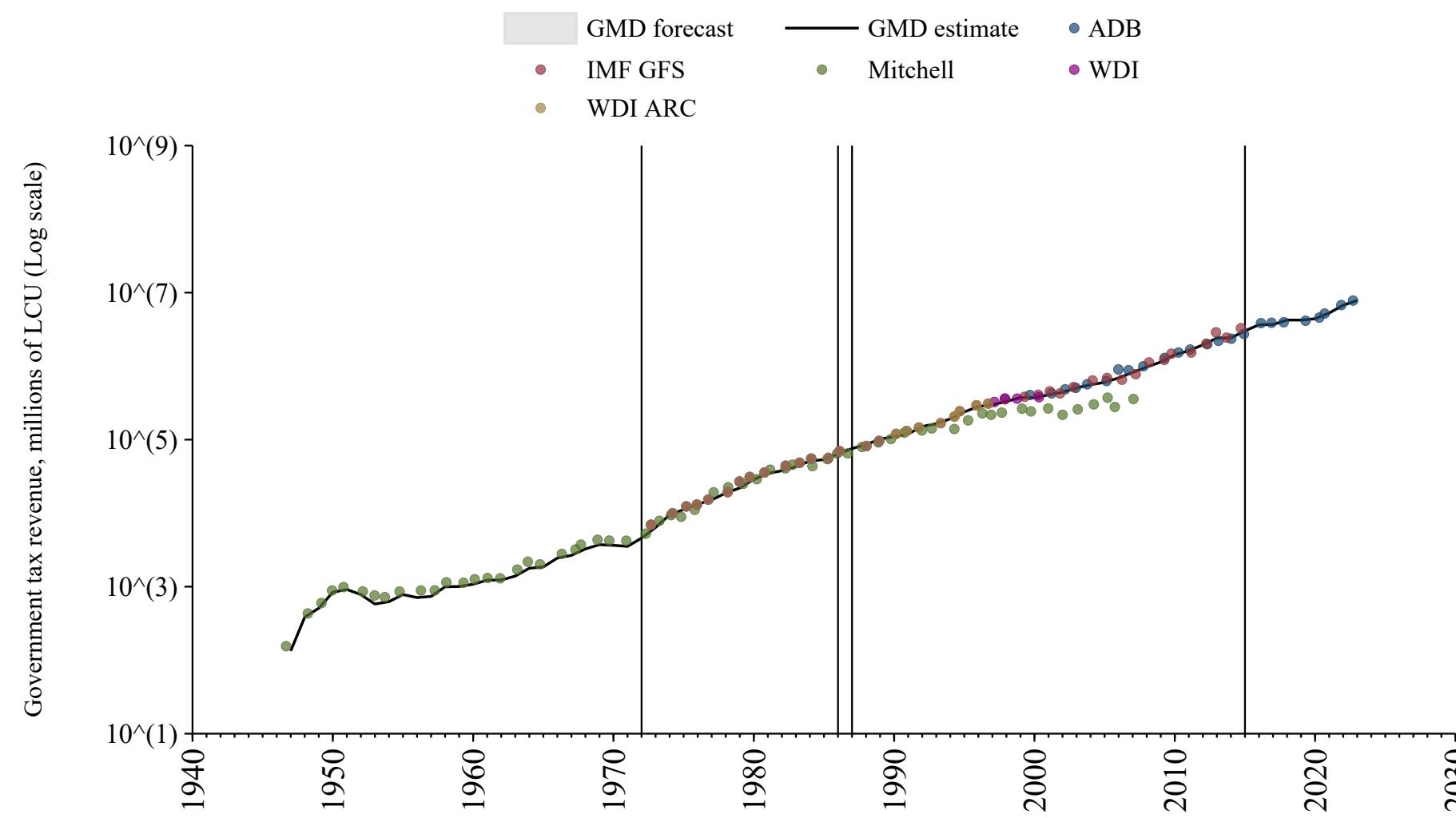
## Government revenue to GDP ratio

Source	Time span	Notes
Mauro et al. (2015)	1950 - 1972	Spliced using overlapping data in 1973 Data refers to general government.
World Bank (2024)	1973 - 1979	Spliced using overlapping data in 1980 Data refers to central government.
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018 Data refers to general government.



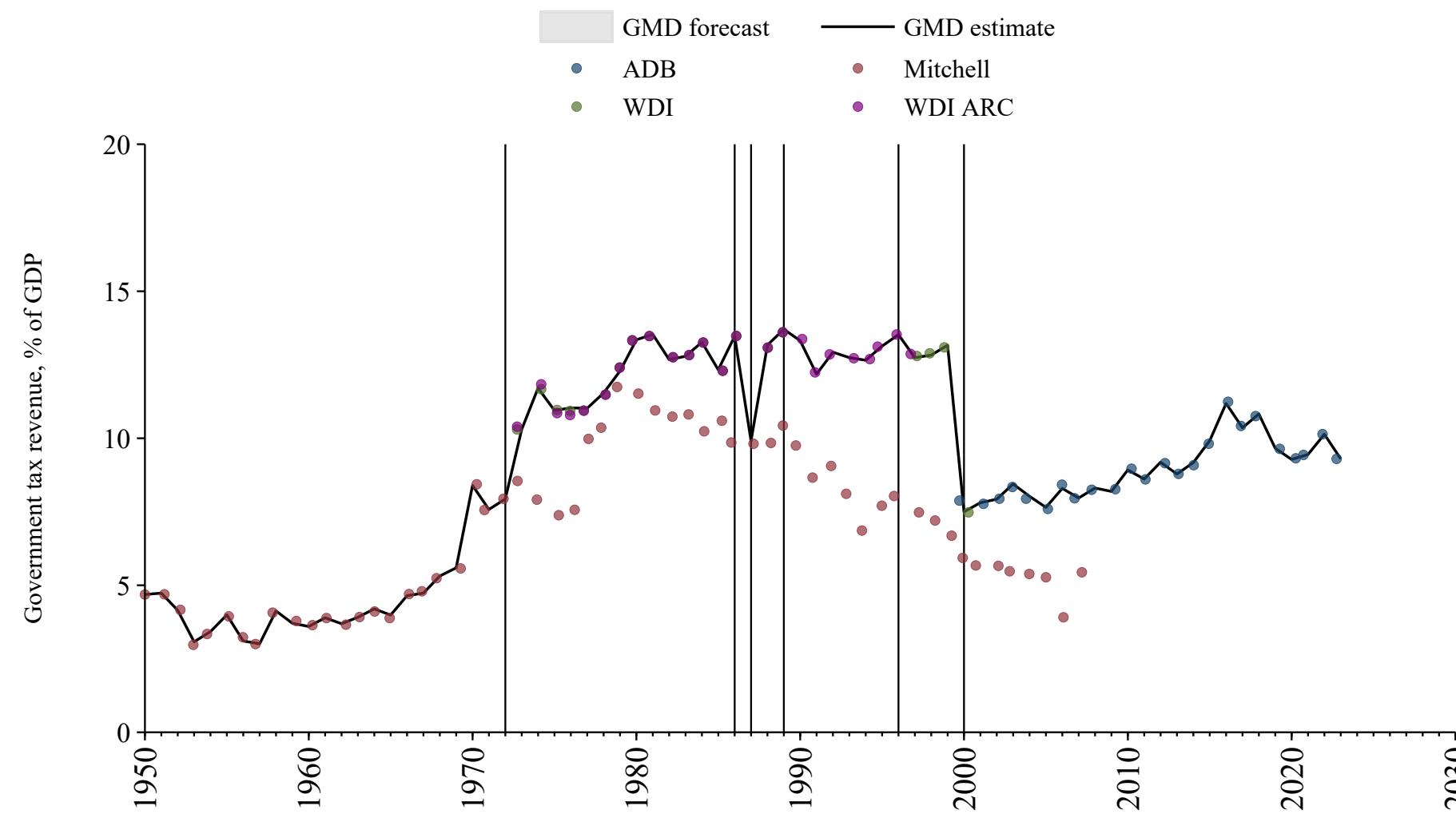
## Government tax revenue

Source	Time span	Notes
Mitchell (2013)	1947 - 1972	Spliced using overlapping data in 1973: (ratio = 86.2%). Data refers to central government.
International Monetary Fund (2024a)	1973 - 1986	Spliced using overlapping data in 1987: (ratio = 92.1%). Data refers to central government.
Mitchell (2013)	1987 - 1987	Spliced using overlapping data in 1988: (ratio = 113.2%). Data refers to central government.
International Monetary Fund (2024a)	1988 - 2015	Spliced using overlapping data in 2016: (ratio = 96.4%). Data refers to central government.
Asian Development Bank (2024)	2016 - 2023	Baseline source, overlaps with base year 2018 Data refers to general government.



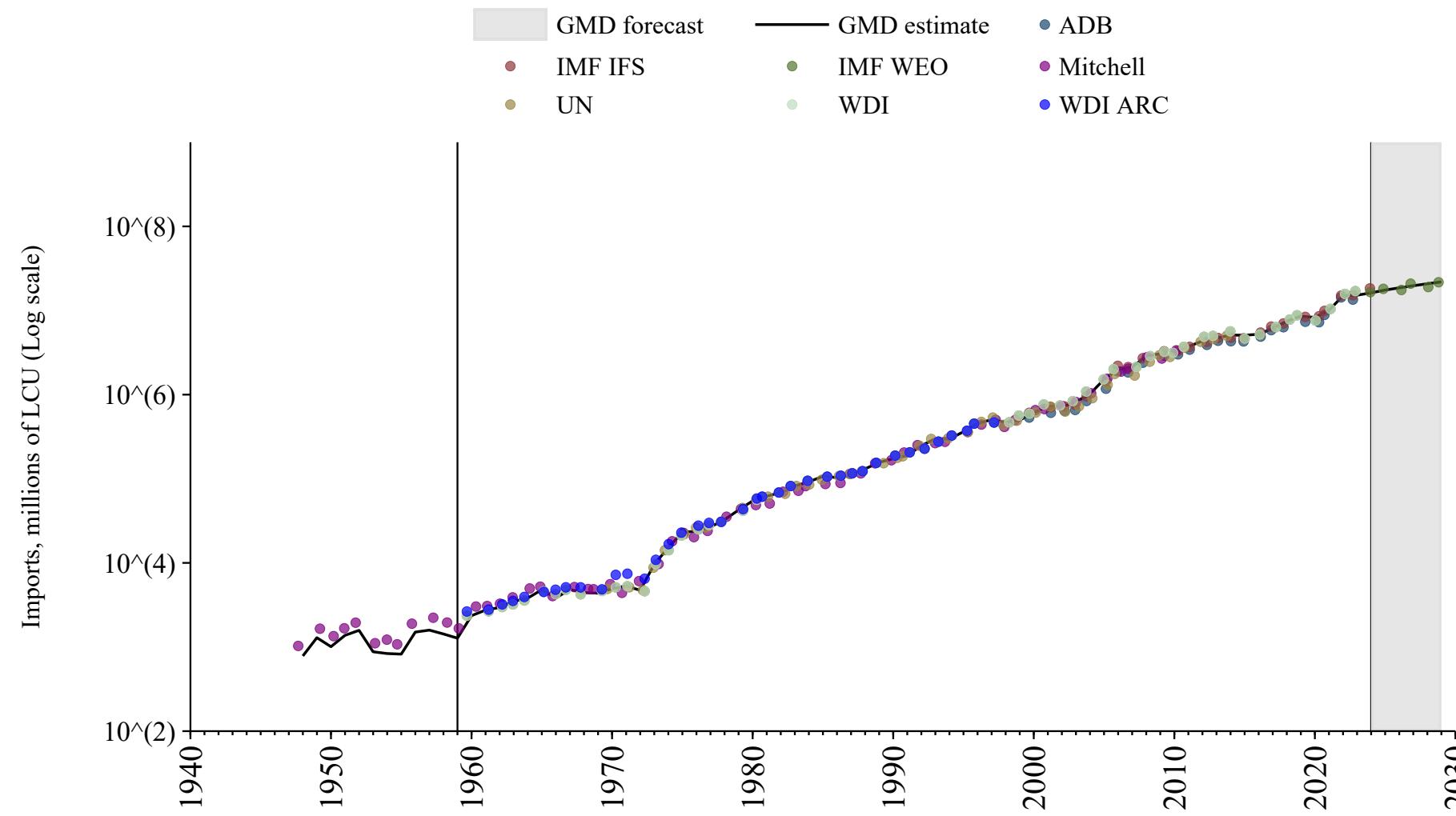
## Government tax revenue to GDP ratio

Source	Time span	Notes
Mitchell (2013)	1950 - 1972	Spliced using overlapping data in 1973 Data refers to central government.
World Bank (2024)	1973 - 1986	Spliced using overlapping data in 1987 Data refers to central government.
Mitchell (2013)	1987 - 1987	Spliced using overlapping data in 1988 Data refers to central government.
World Bank (2024)	1988 - 1989	Spliced using overlapping data in 1990 Data refers to central government.
World Bank (Archives) (1999)	1990 - 1996	Spliced using overlapping data in 1997 Data refers to central government.
World Bank (2024)	1997 - 2000	Spliced using overlapping data in 2001 Data refers to central government.
Asian Development Bank (2024)	2001 - 2023	Baseline source, overlaps with base year 2018 Data refers to general government.



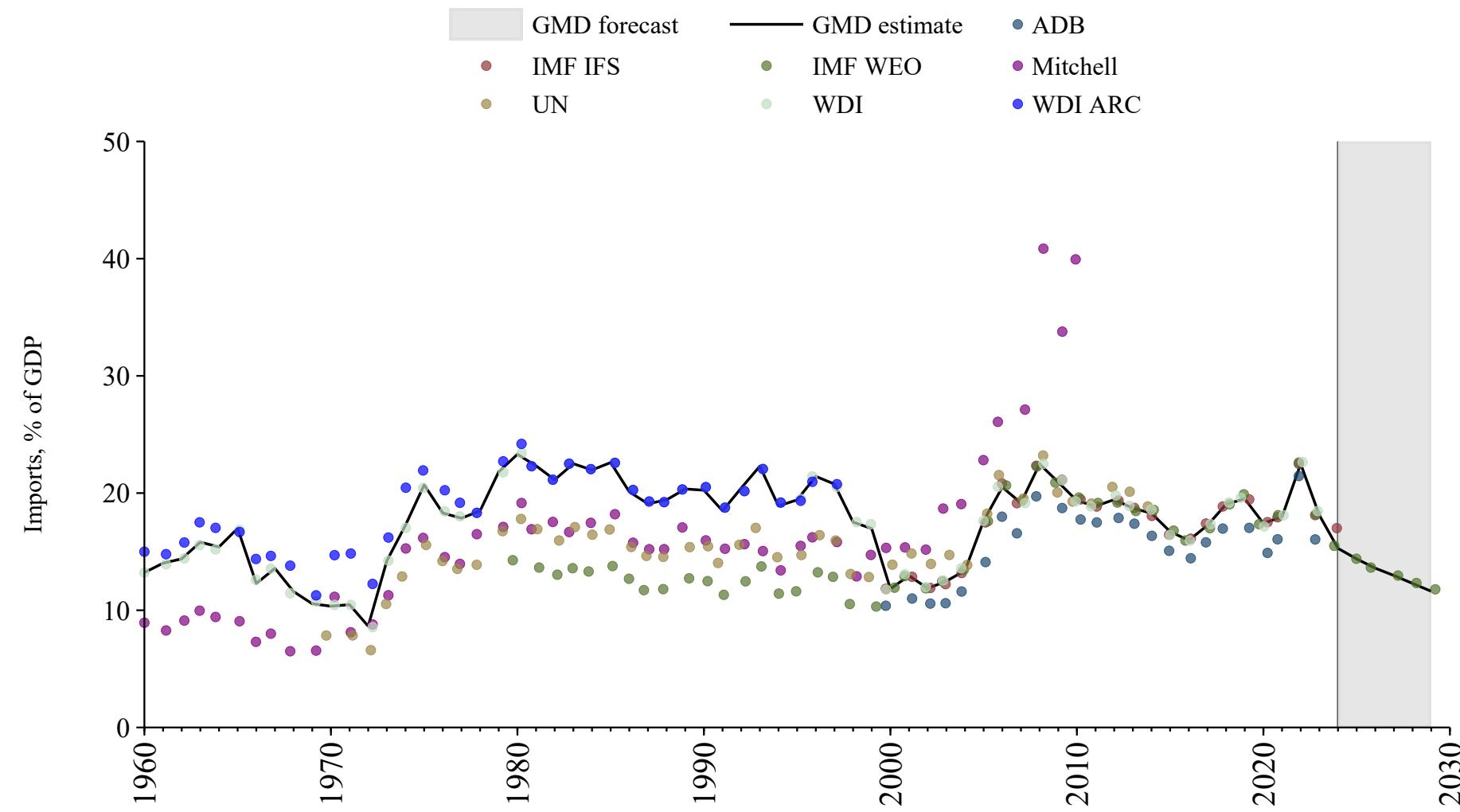
## Imports

Source	Time span	Notes
Mitchell (2013)	1948 - 1959	Spliced using overlapping data in 1960: (ratio = 75.8%).
World Bank (2024)	1960 - 2023	Baseline source, overlaps with base year 2018
WEO (2024)	2024 - 2029	Spliced using overlapping data in 2030



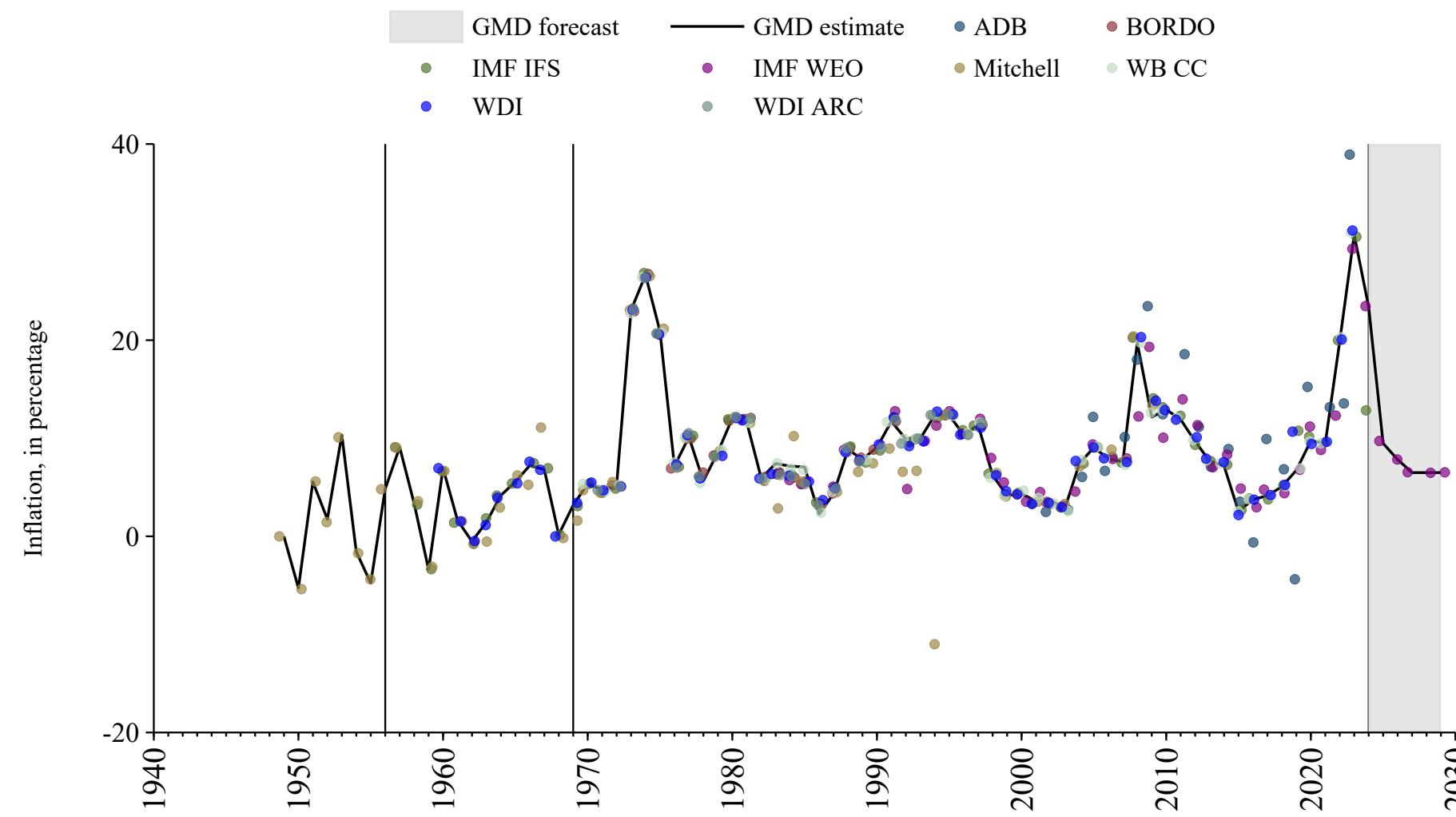
## Imports to GDP ratio

Source	Time span	Notes
World Bank (2024)	1960 - 2023	Baseline source, overlaps with base year 2018
WEO (2024)	2024 - 2029	Spliced using overlapping data in 2030: (ratio = 99.9%).



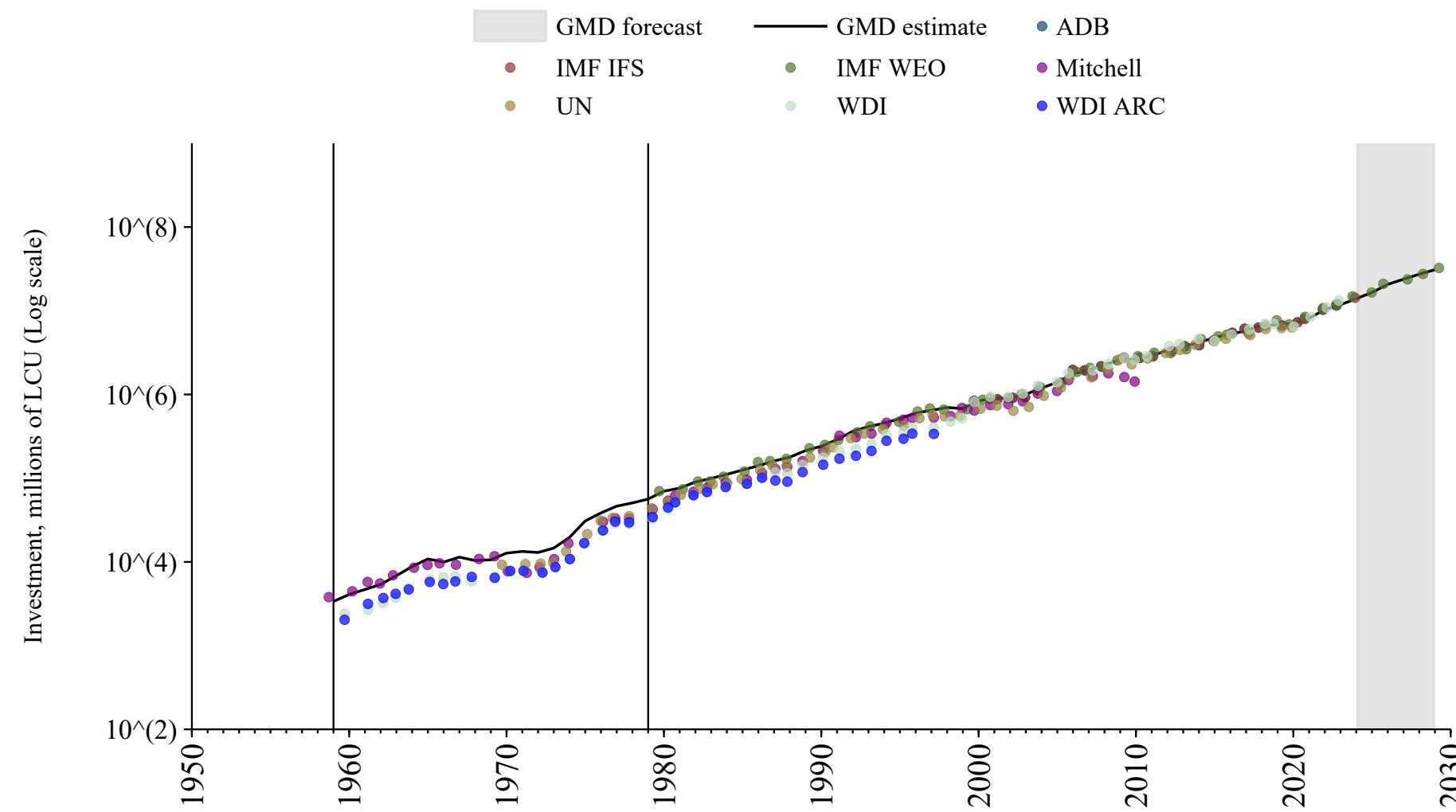
## Inflation

Source	Time span	Notes
Mitchell (2013)	1949 - 1956	Spliced using overlapping data in 1957
International Monetary Fund (2024b)	1957 - 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



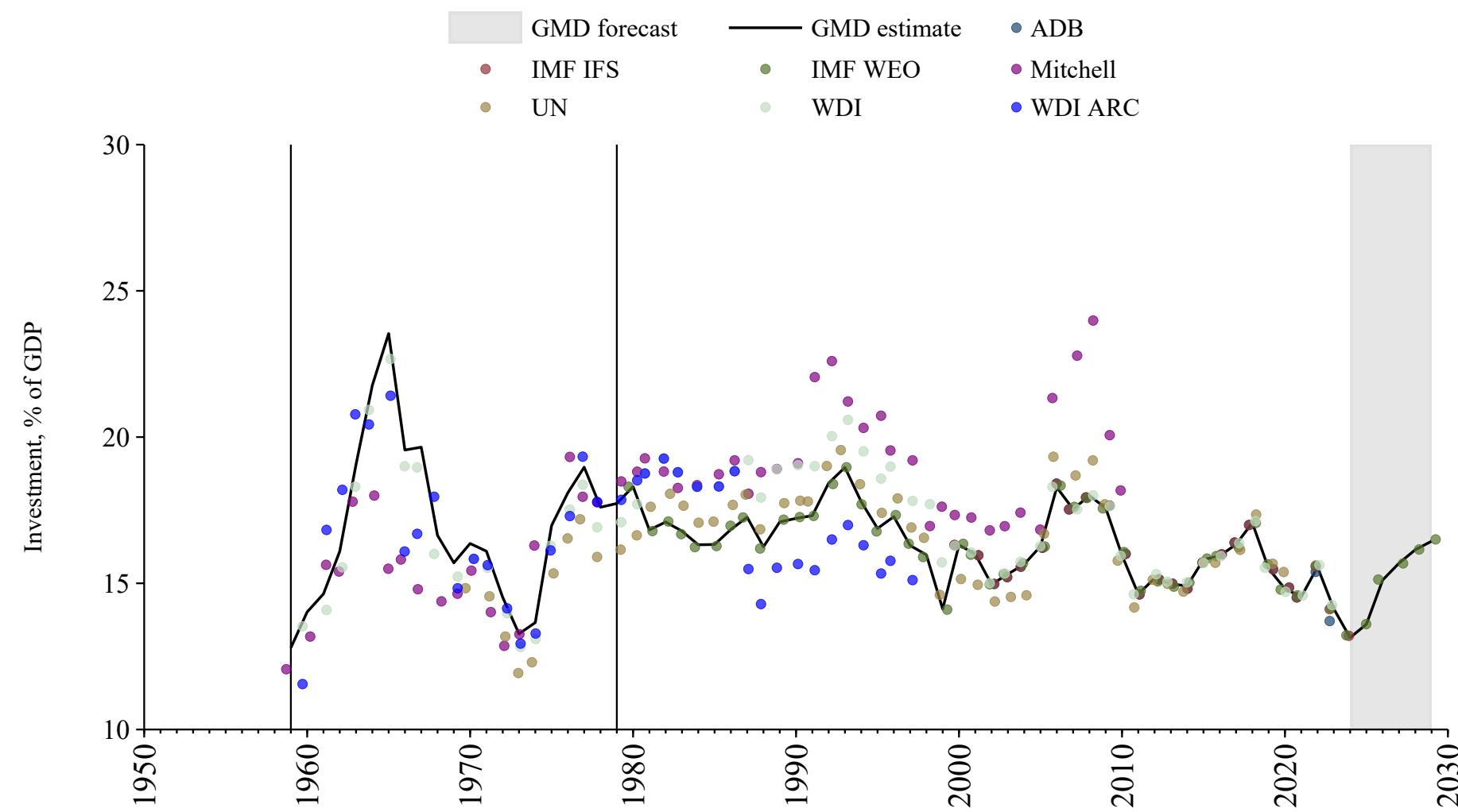
## Investment

Source	Time span	Notes
<a href="#">Mitchell (2013)</a>	1959 - 1959	Spliced using overlapping data in 1960: (ratio = 88.8%).
<a href="#">World Bank (2024)</a>	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 169.1%)
<a href="#">WEO (2024)</a>	1980 - 2029	Baseline source, overlaps with base year 2018



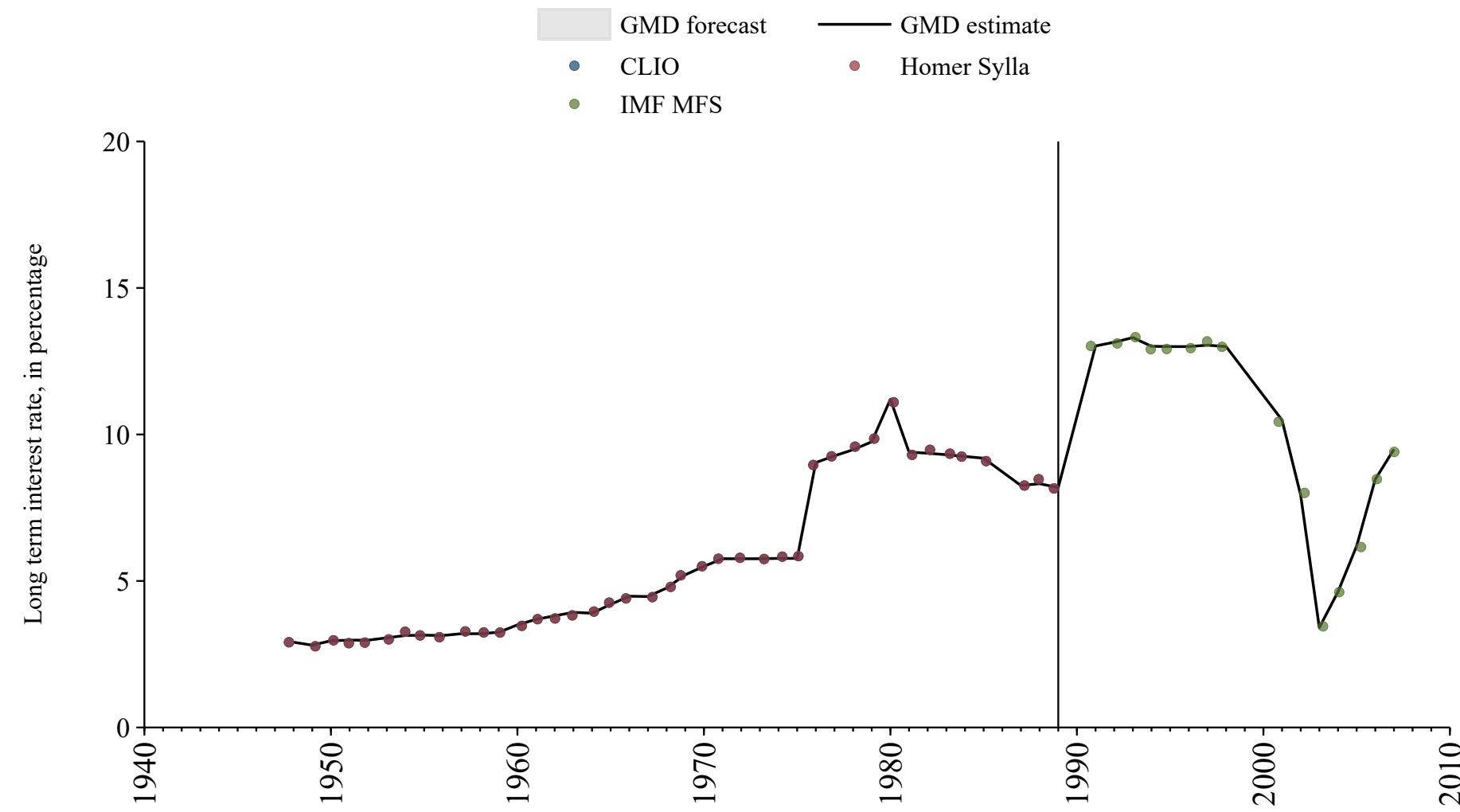
## Investment to GDP ratio

Source	Time span	Notes
Mitchell (2013)	1959 - 1959	Spliced using overlapping data in 1960: (ratio = 106.1%).
World Bank (2024)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 103.6%).
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018



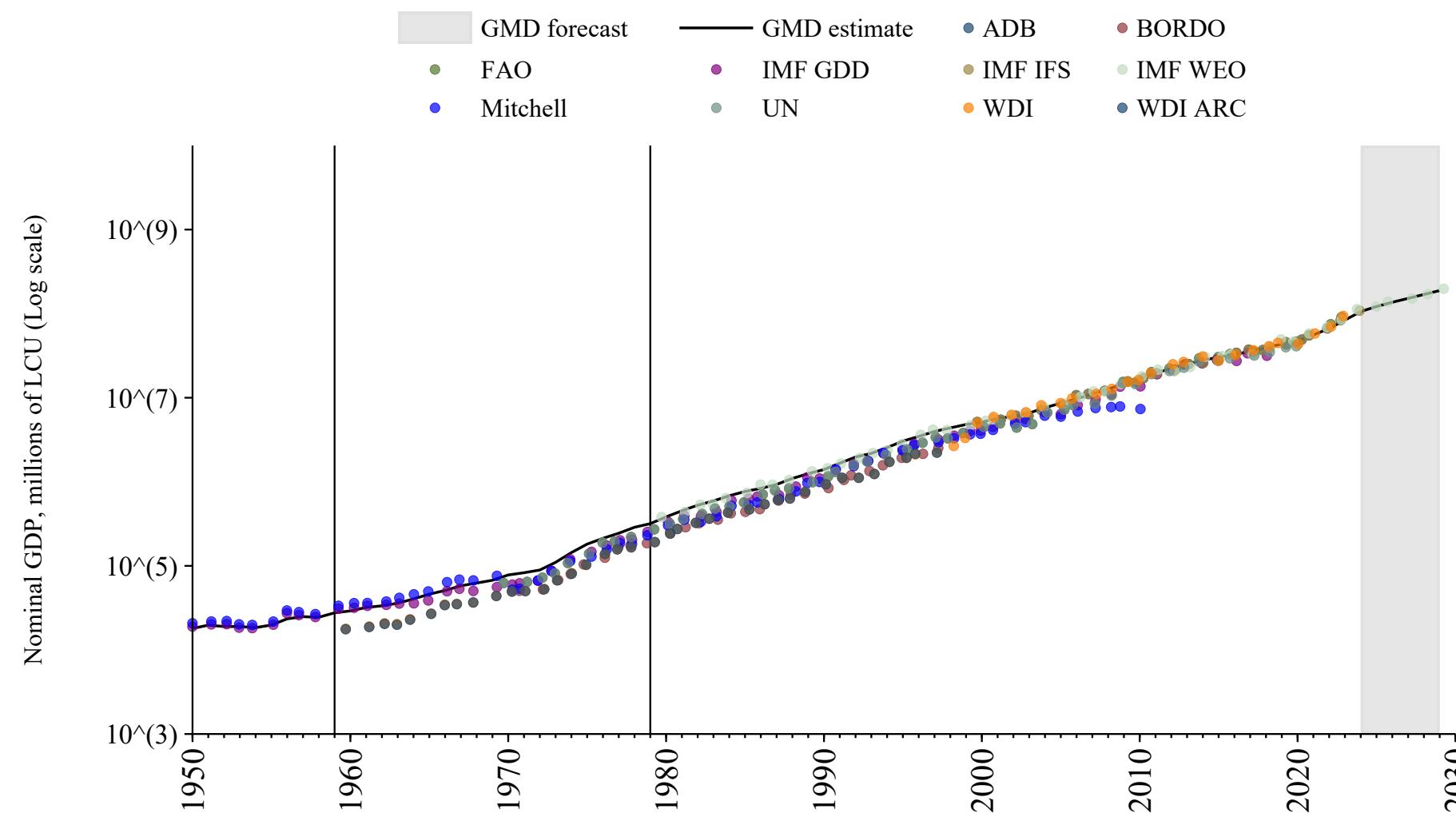
## Long term interest rate

Source	Time span	Notes
Homer and Sylla (1996)	1948 - 1989	Spliced using overlapping data in 1990
International Monetary Fund (2024c)	1990 - 2007	Spliced using overlapping data in 2008



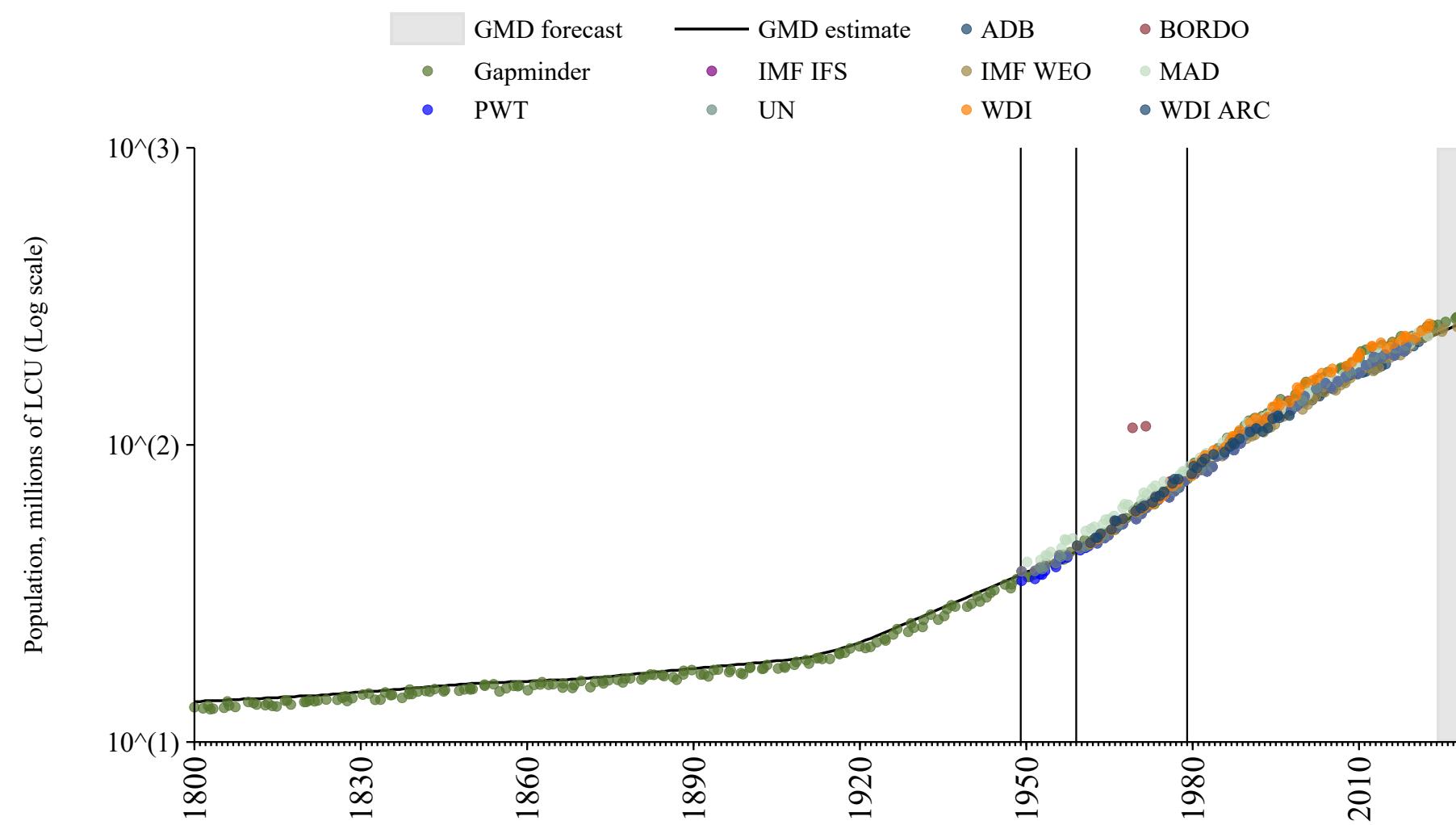
## Nominal GDP

Source	Time span	Notes
Mbaye et al. (2018)	1950 - 1959	Spliced using overlapping data in 1960: (ratio = 95%).
World Bank (2024)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 163.2%).
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018



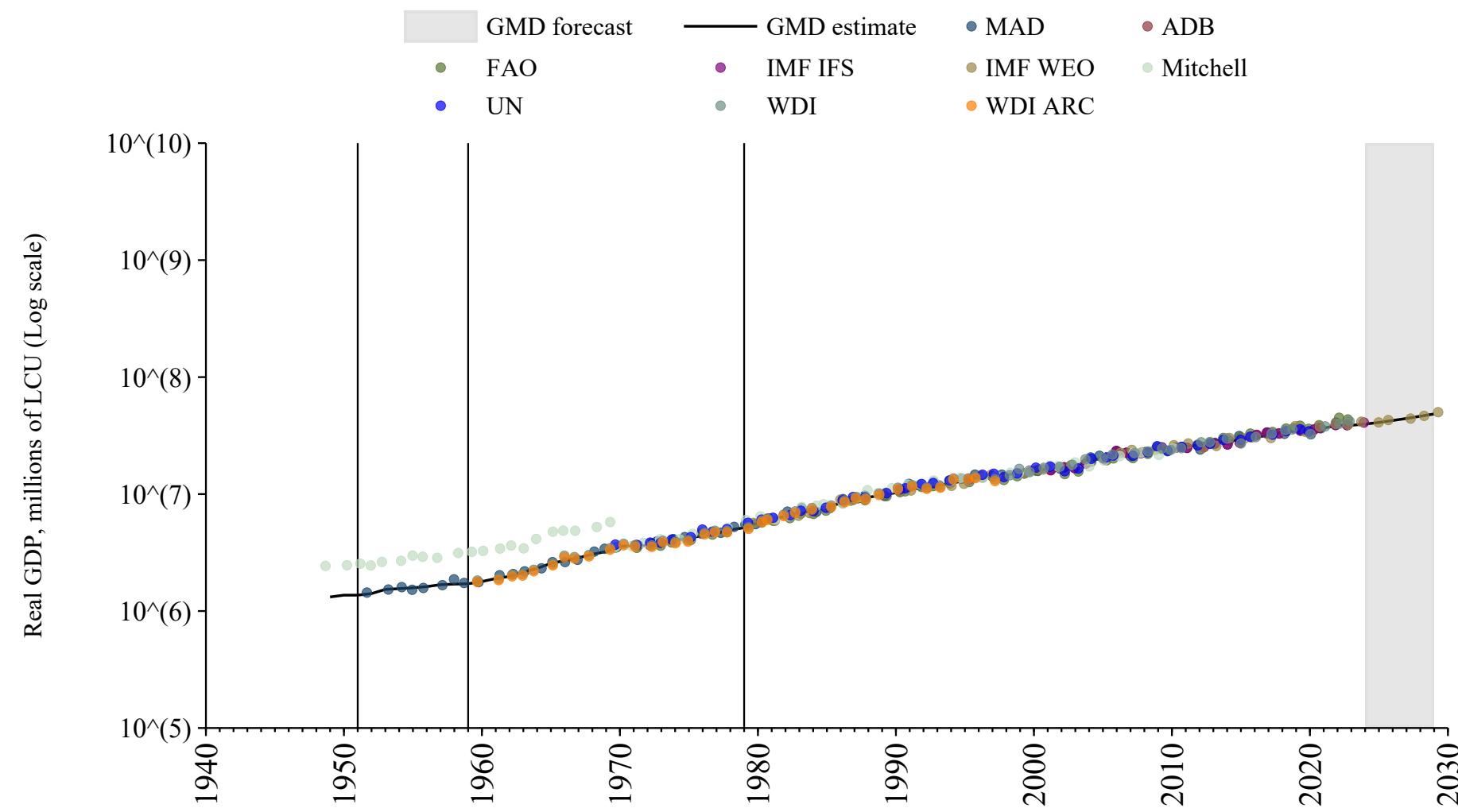
## Population

Source	Time span	Notes
Gapminder (2024)	1800 - 1949	Spliced using overlapping data in 1950: (ratio = 104.4%).
International Monetary Fund (2024b)	1950 - 1959	Spliced using overlapping data in 1960: (ratio = 99.5%).
World Bank (2024)	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 98%).
WEO (2024)	1980 - 2029	Baseline source, overlaps with base year 2018
Gapminder (2024)	2030 - 2030	Spliced using overlapping data in 2031: (ratio = 95.5%).



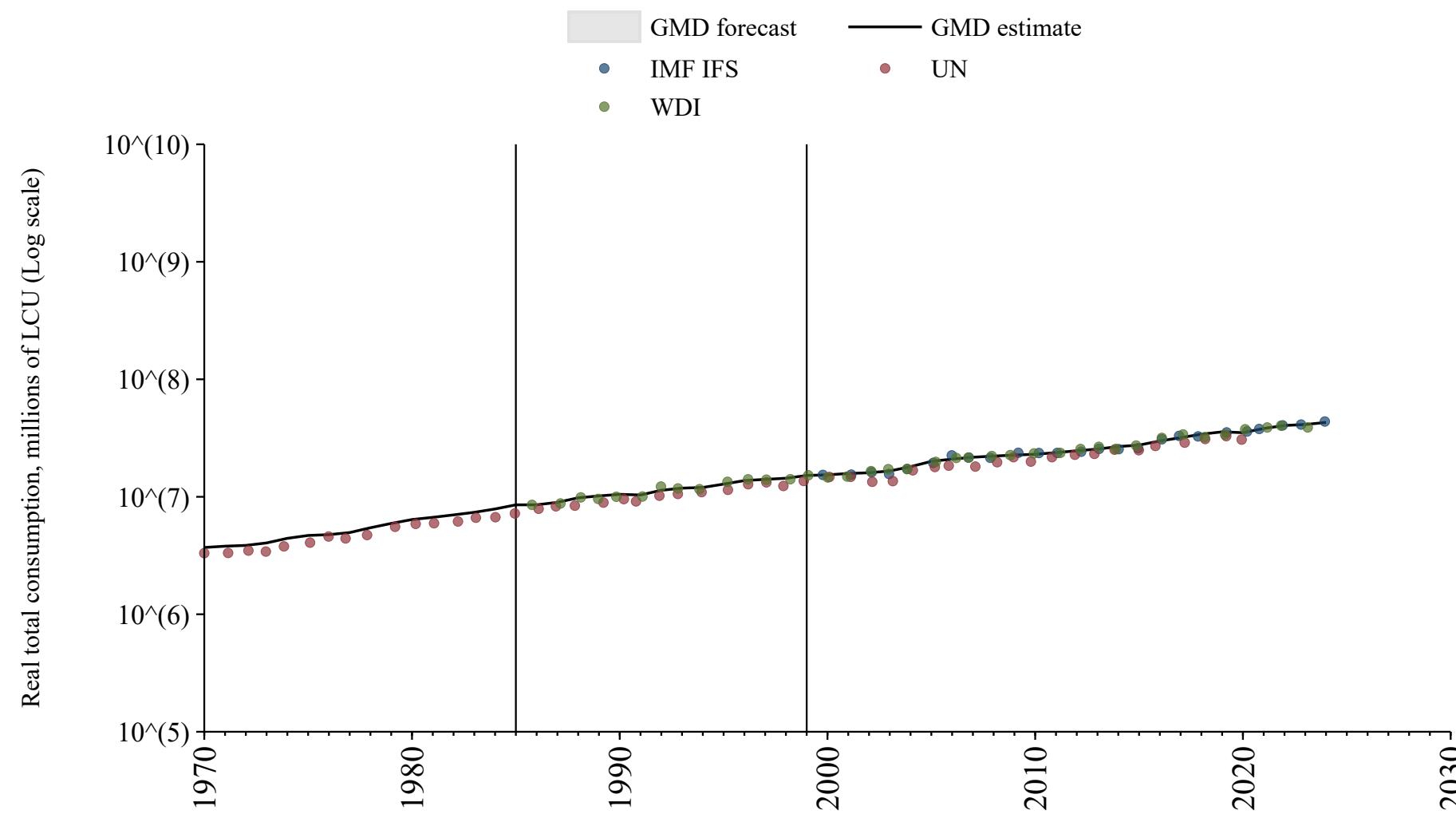
## Real GDP

Source	Time span	Notes
<a href="#">Mitchell (2013)</a>	1949 - 1951	Spliced using overlapping data in 1952: (ratio = 54.2%)
<a href="#">Bolt et al. (2018)</a>	1952 - 1959	Spliced using overlapping data in 1960: (ratio = 98%).
<a href="#">World Bank (2024)</a>	1960 - 1979	Spliced using overlapping data in 1980: (ratio = 98%).
<a href="#">WEO (2024)</a>	1980 - 2029	Baseline source, overlaps with base year 2018



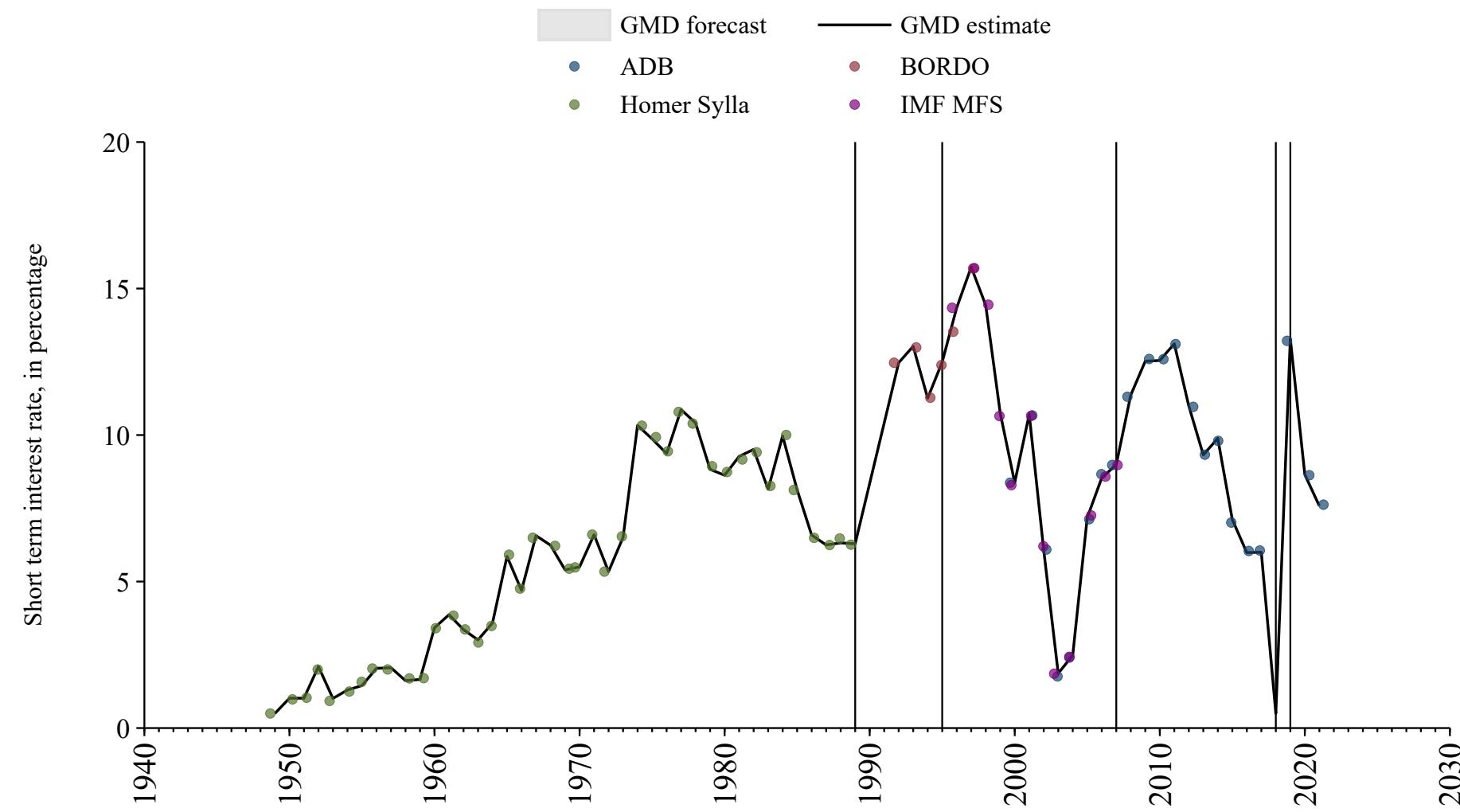
## Real total consumption

Source	Time span	Notes
United Nations (2024)	1970 - 1985	Spliced using overlapping data in 1986: (ratio = 111.6%).
World Bank (2024)	1986 - 1999	Spliced using overlapping data in 2000
International Monetary Fund (2024b)	2000 - 2024	Baseline source, overlaps with base year 2018



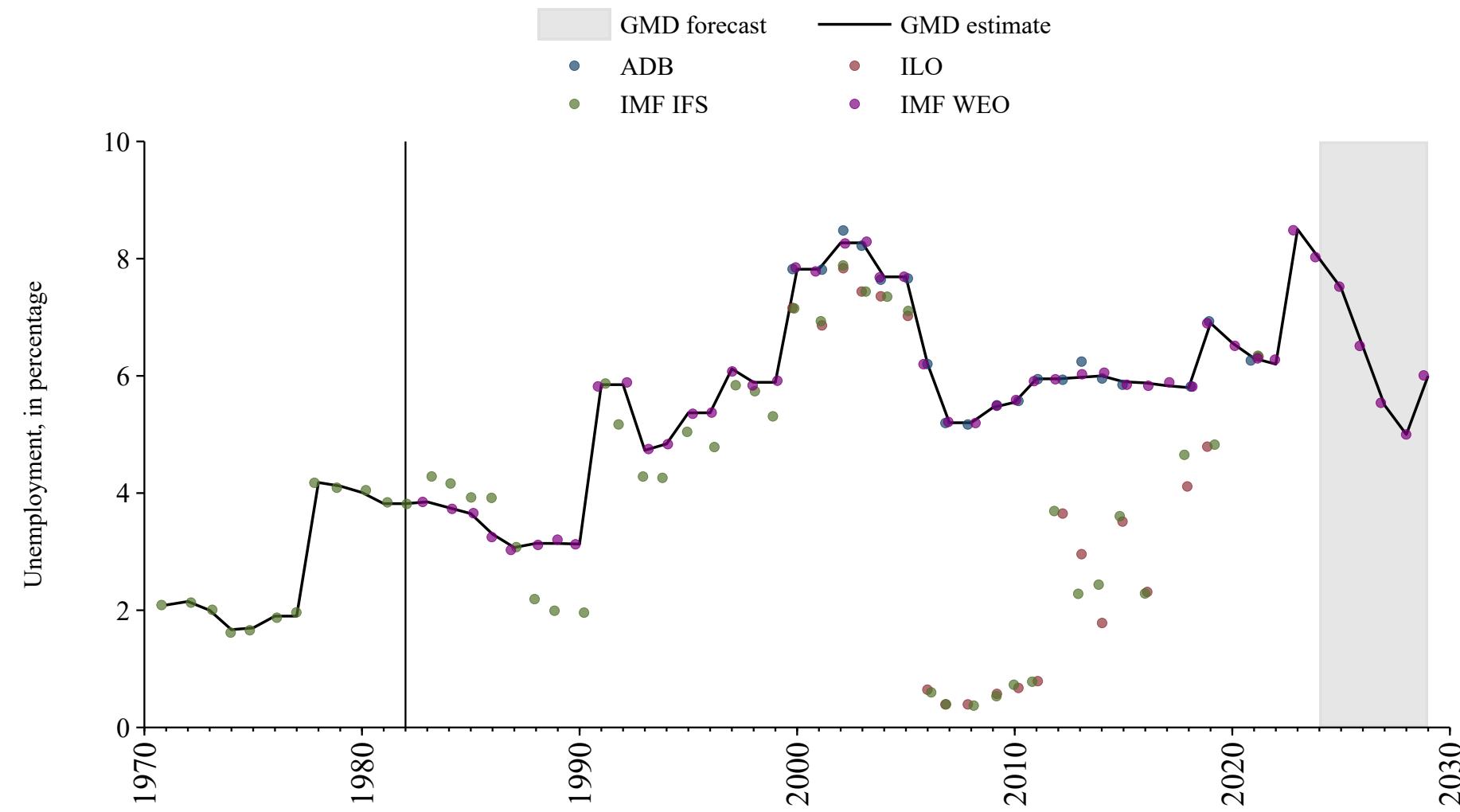
## Short term interest rate

Source	Time span	Notes
Homer and Sylla (1996)	1949 - 1989	Spliced using overlapping data in 1990
Bordo et al. (2001)	1990 - 1995	Spliced using overlapping data in 1996
International Monetary Fund (2024c)	1996 - 2007	Spliced using overlapping data in 2008
Asian Development Bank (2024)	2008 - 2017	Spliced using overlapping data in 2018
Homer and Sylla (1996)	2018 - 2018	Spliced using overlapping data in 2019
Asian Development Bank (2024)	2019 - 2021	Spliced using overlapping data in 2022



## Unemployment

Source	Time span	Notes
International Monetary Fund (2024b)	1971 - 1982	Spliced using overlapping data in 1983
WEO (2024)	1983 - 2029	Baseline source, overlaps with base year 2018



## References

### References

- Asian Development Bank. "Key Indicators Database (KIDB)." (2024).
- 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.
- Bordo, M., B. Eichengreen, D. Klingebiel, and M. S. Martinez-Peria. "Is the Crisis Problem Growing More Severe?" *Economic Policy*, 16(2001), 52–82.
- Darvas, Zsolt. "Timely Measurement of Real Effective Exchange Rates." Working Paper 2021/15, Bruegel (2021).
- Gapminder. "Gapminder: Total Population." (2024). Accessed: 2024-08-14.
- Grimm, Maximilian. "The Effect of Monetary Policy on Systemic Bank Funding Stability." (2024).
- 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.
- Homer, S. and R.E. Sylla. *A History of Interest Rates*. Rutgers University Press (1996).
- International Monetary Fund. "Government Finance Statistics." (2024a).
- . "International Financial Statistics." (2024b).
- . "Monetary and Financial Statistics." (2024c).
- 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).
- 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.