

April 2022

**War, Energy and
Inflation:
Back to the 1970s?**

Anatole Kaletsky

Markets are usually right to ignore geopolitics but “this time is different”

1. “Buy on the sound of gunfire” ?

Often, but not always: 1973 Arab Oil Shock caused worst bear markets since 1929-33
War means buying low. But asset prices and valuations are near record highs

2. Inflation is peaking?

Energy and base effects will embed inflation and create wage-price spirals
Interest rates remain deeply negative in real terms: unlikely to curb inflation

3. Bear markets are caused by recession, not inflation?

Curbing 5% plus inflation always requires recession: so tightening will continue
Inflation will cause capital flight into equities from bonds, but at what valuations?

4. Russia is losing the war?

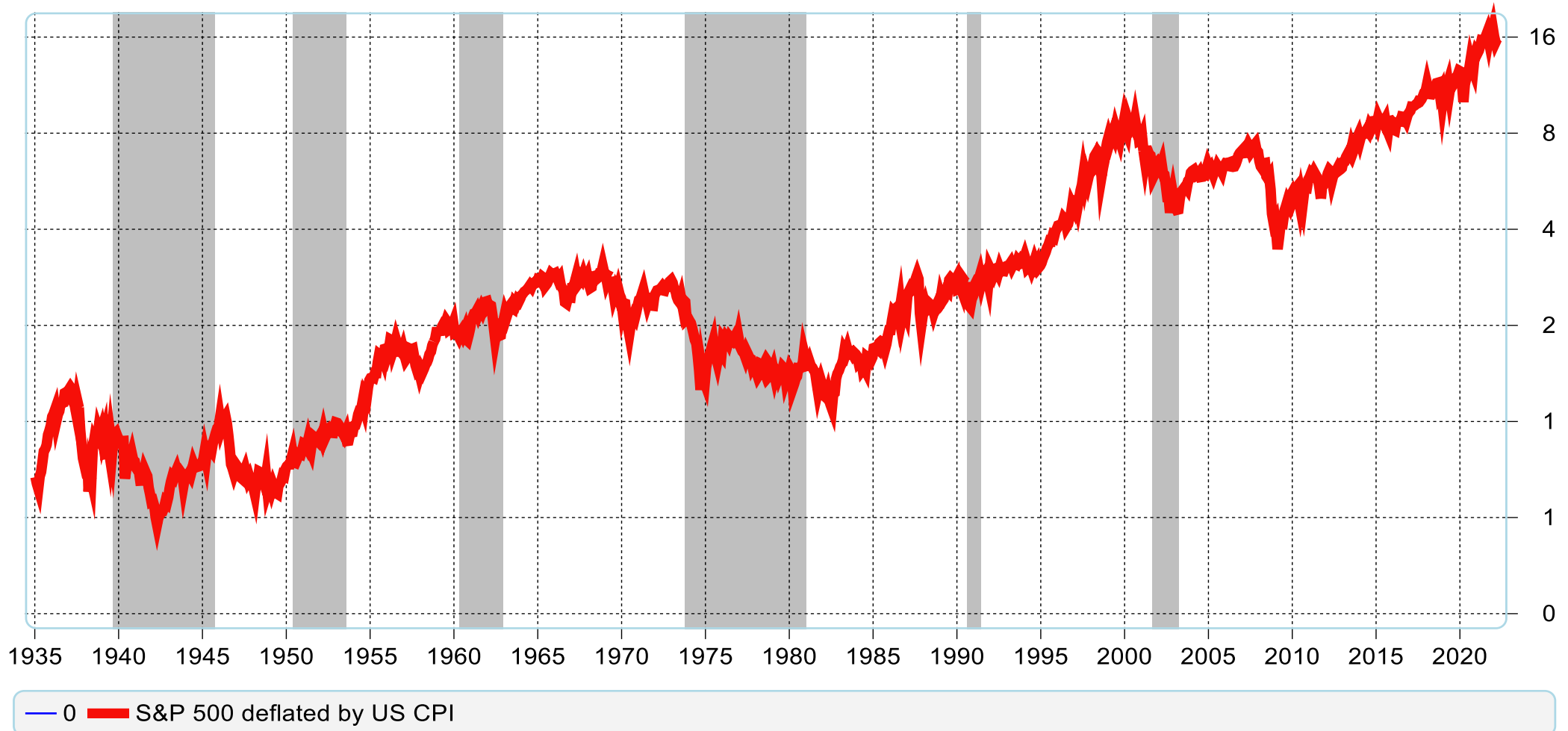
Maybe, but what matters is impact of sanctions on inflation via energy and food prices
Sanctions will continue or tighten even if Russia defeated – unless Putin falls

5. All risks above are now obvious, so bad news is already “priced-in”?

Prices usually retest previous highs before bear markets really get going
Buy-the-dip reflex and near-record valuations mean bad news *cannot* be priced-in

Wars, inflation and asset prices

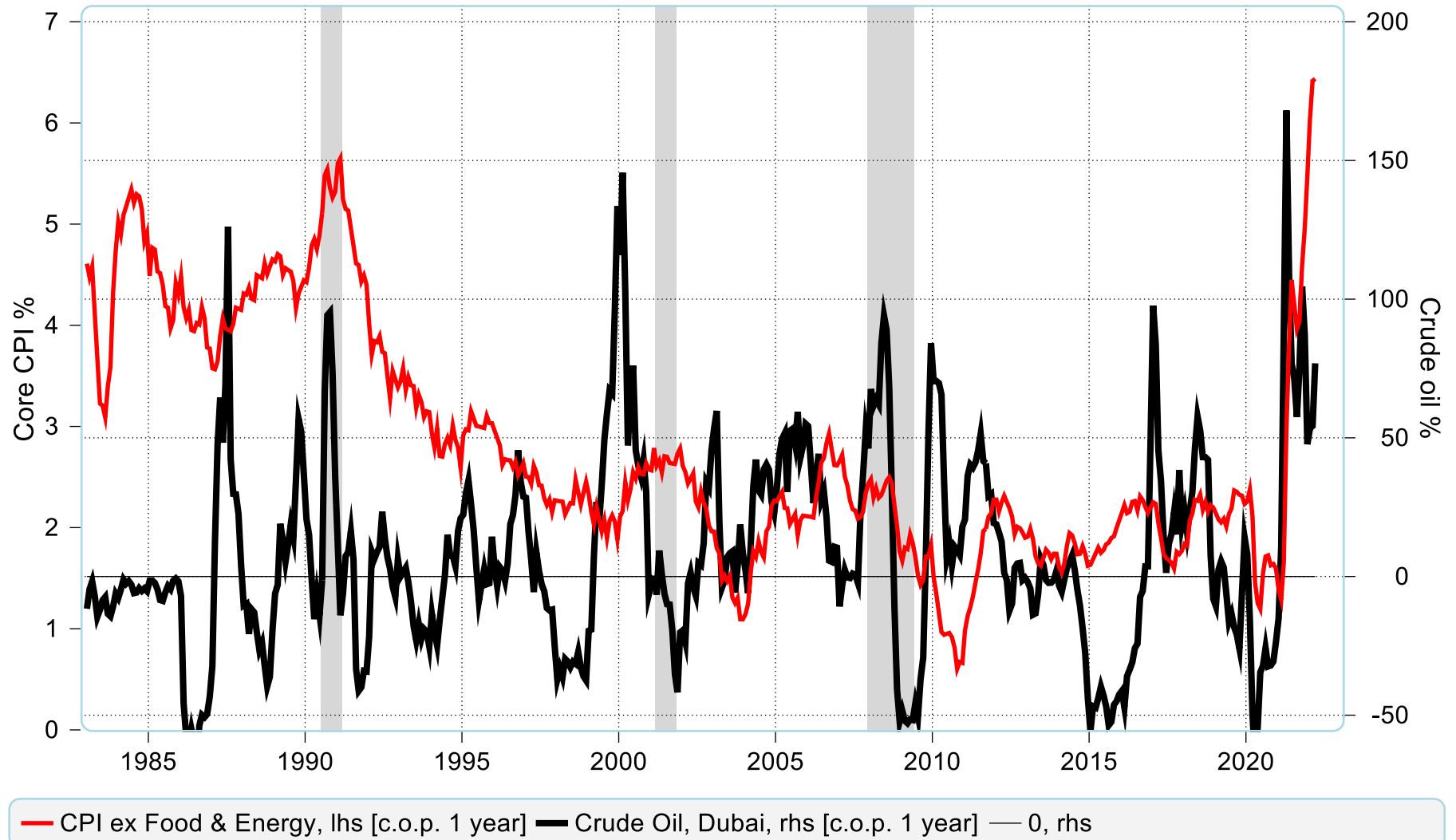
Geopolitical crises and real equity prices
S&P 500 deflated by CPI



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Energy price spikes do not always cause broad-based inflation...

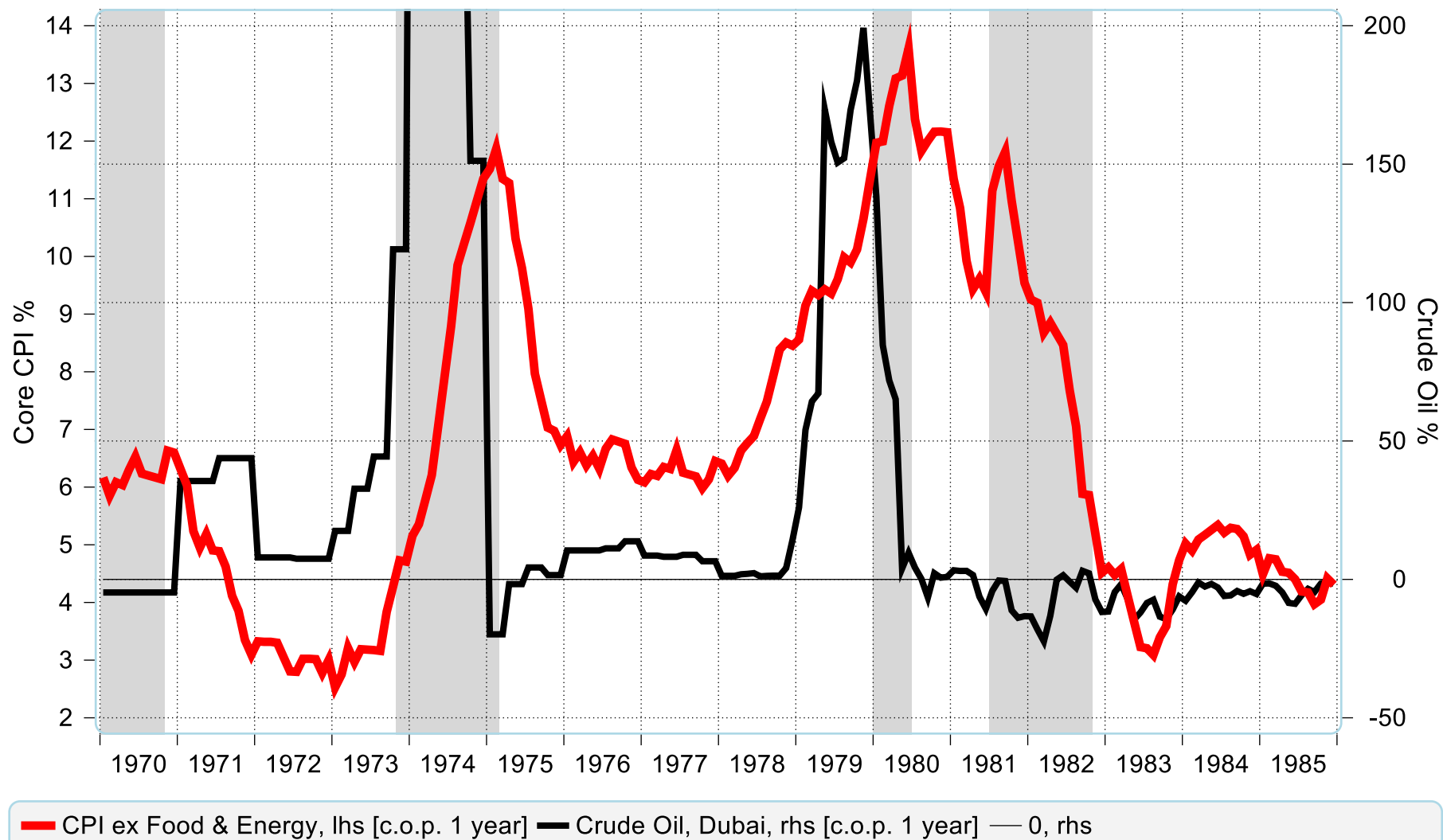
Oil price and core inflation



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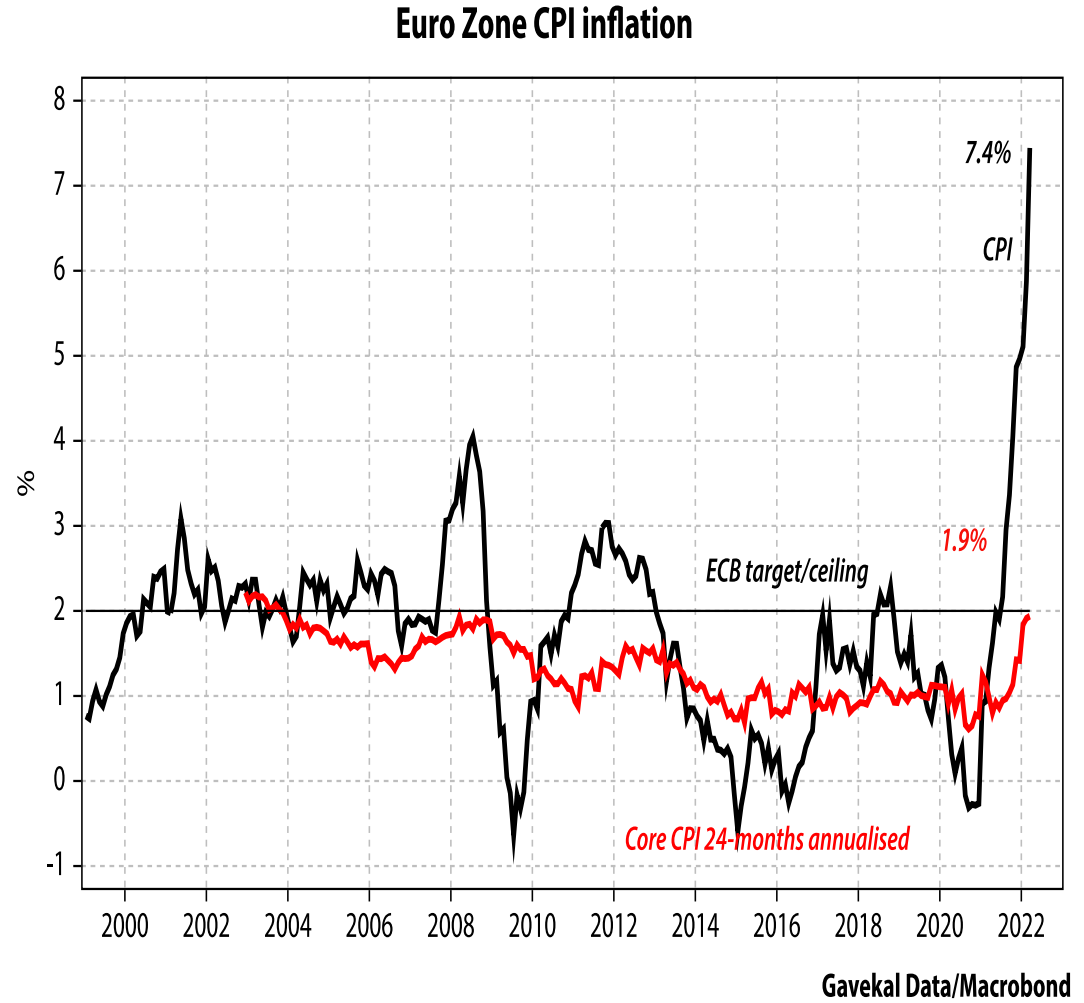
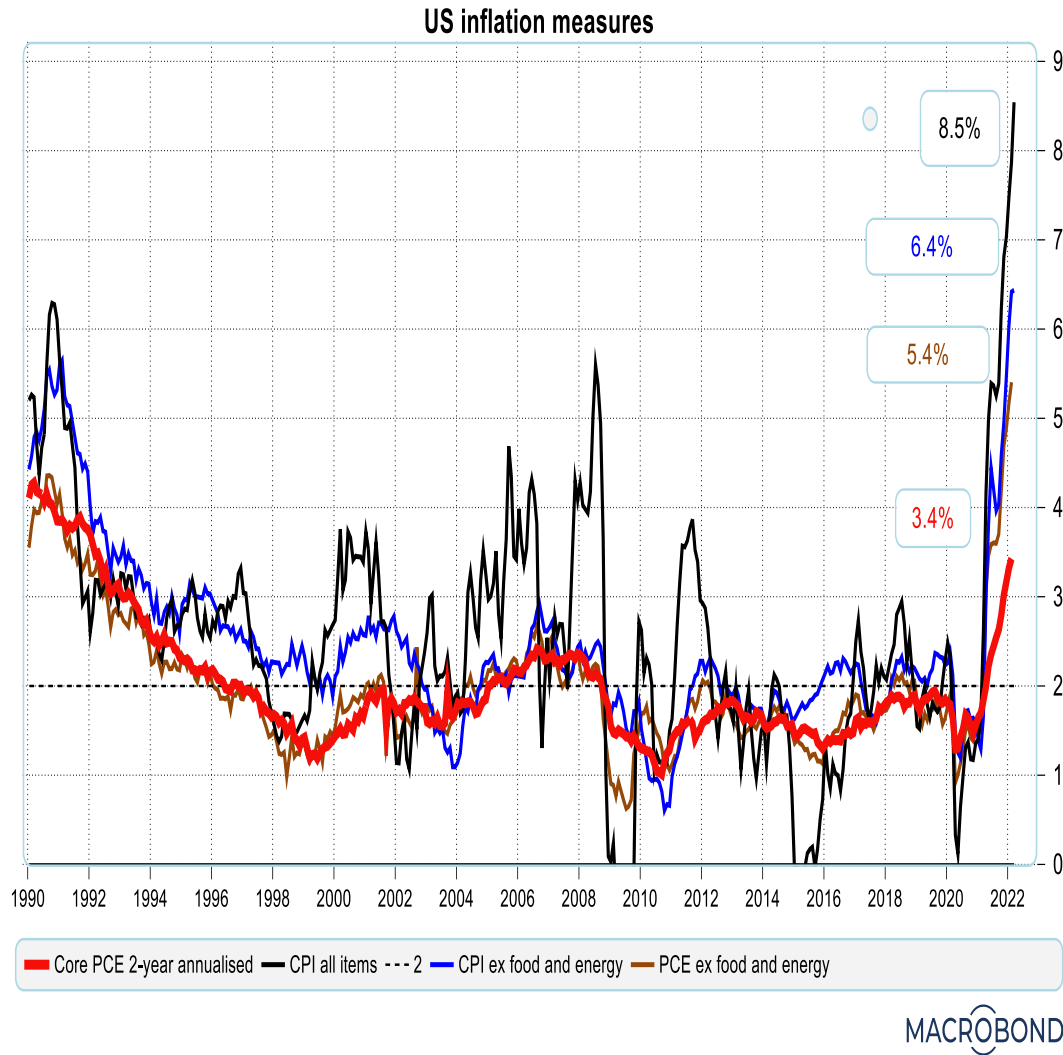
... But they did in the 1970s

Oil price and inflation

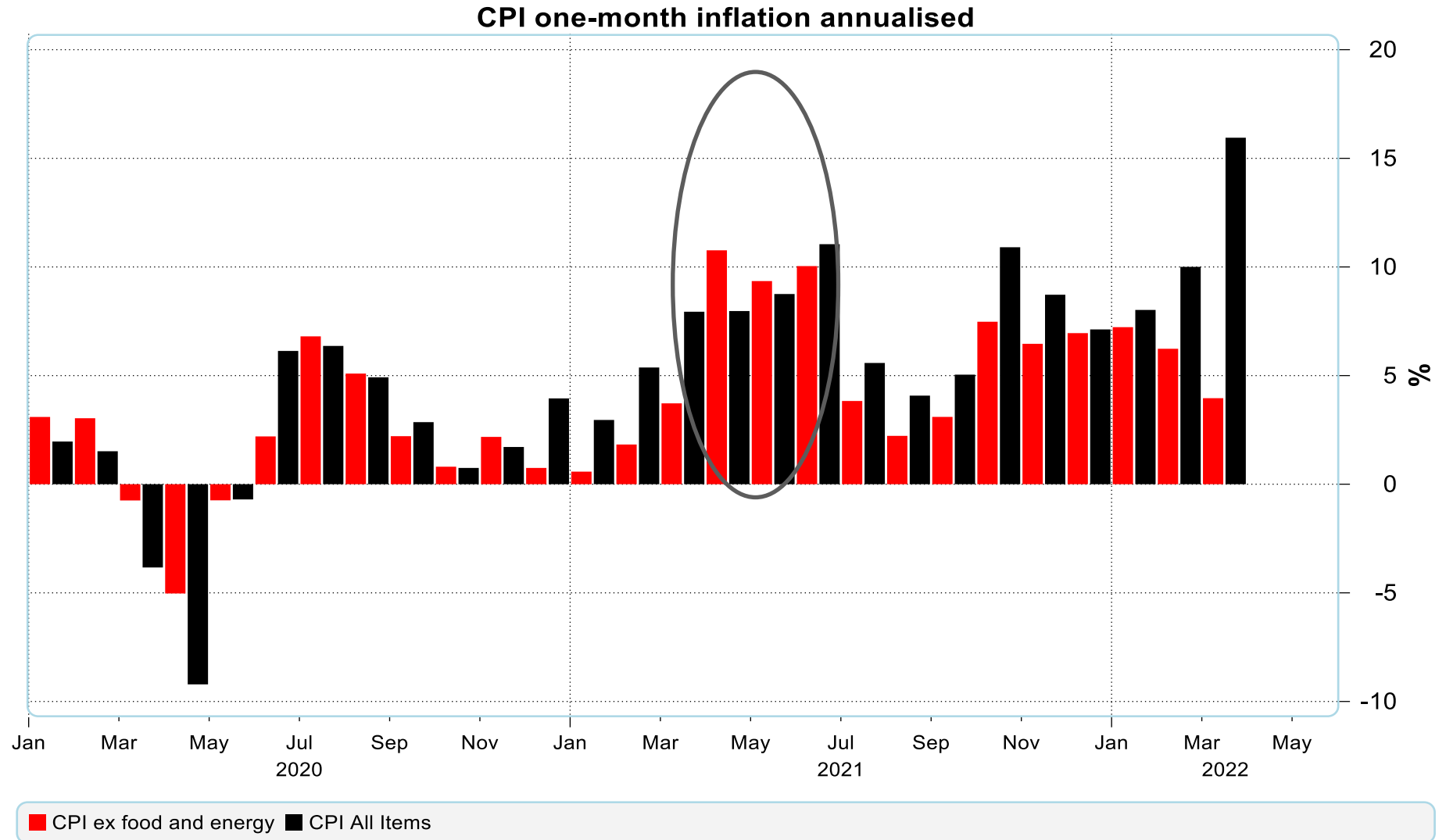


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US inflation: energy and base effects explain more than half



But war means that energy and base effects will NOT subdue inflation



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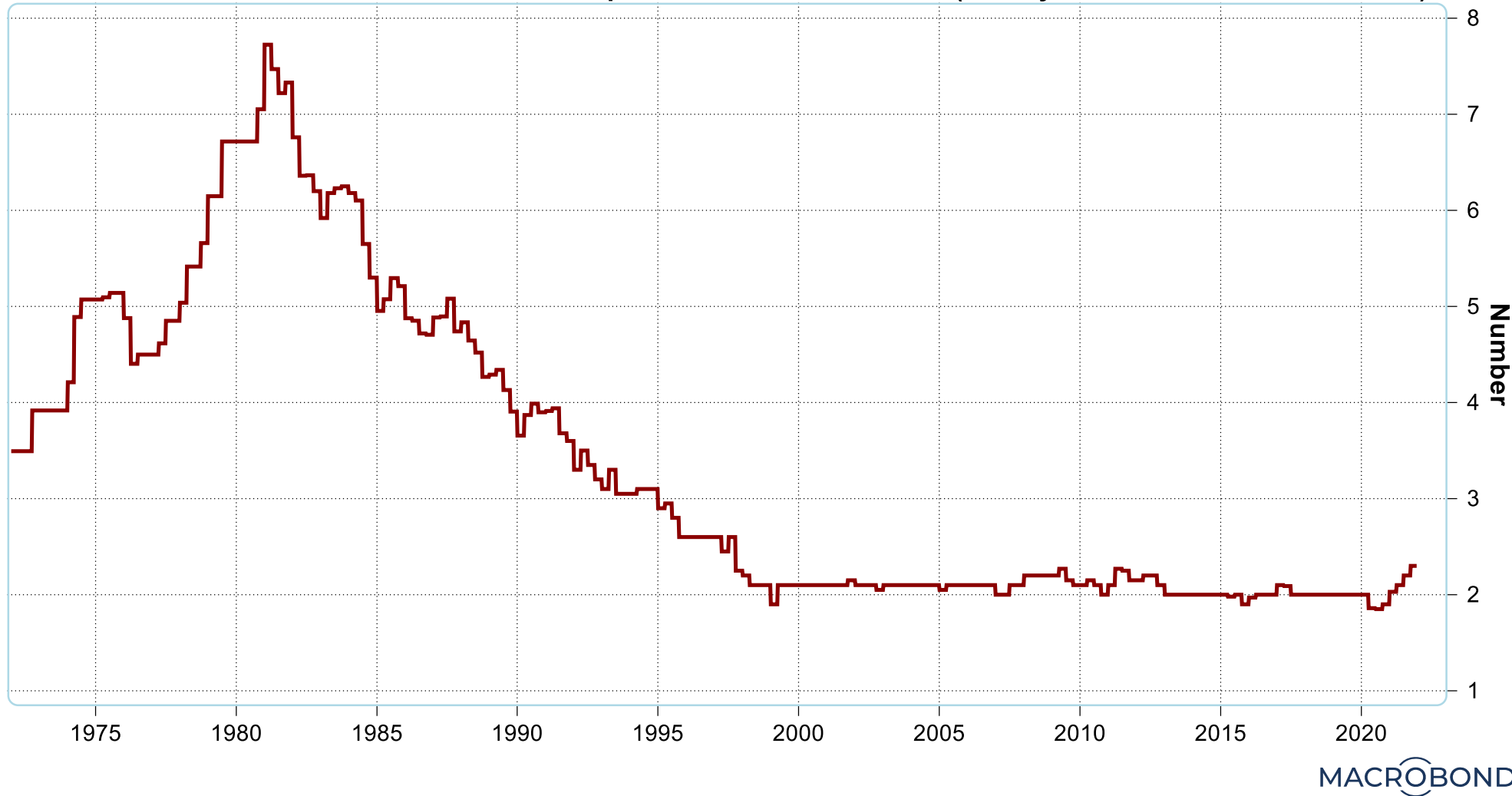
“Sticky” inflation is back to levels of 1980s (Atlanta Fed Index)



Gray bars indicate periods of recession.
Source: Federal Reserve Bank of Atlanta

Ten-year inflation expectations are 1% lower than before 1973 oil shock...

United States, FRB/US Model, 10-Year Expected PCE Price Inflation (Survey of Professional Forecasters)

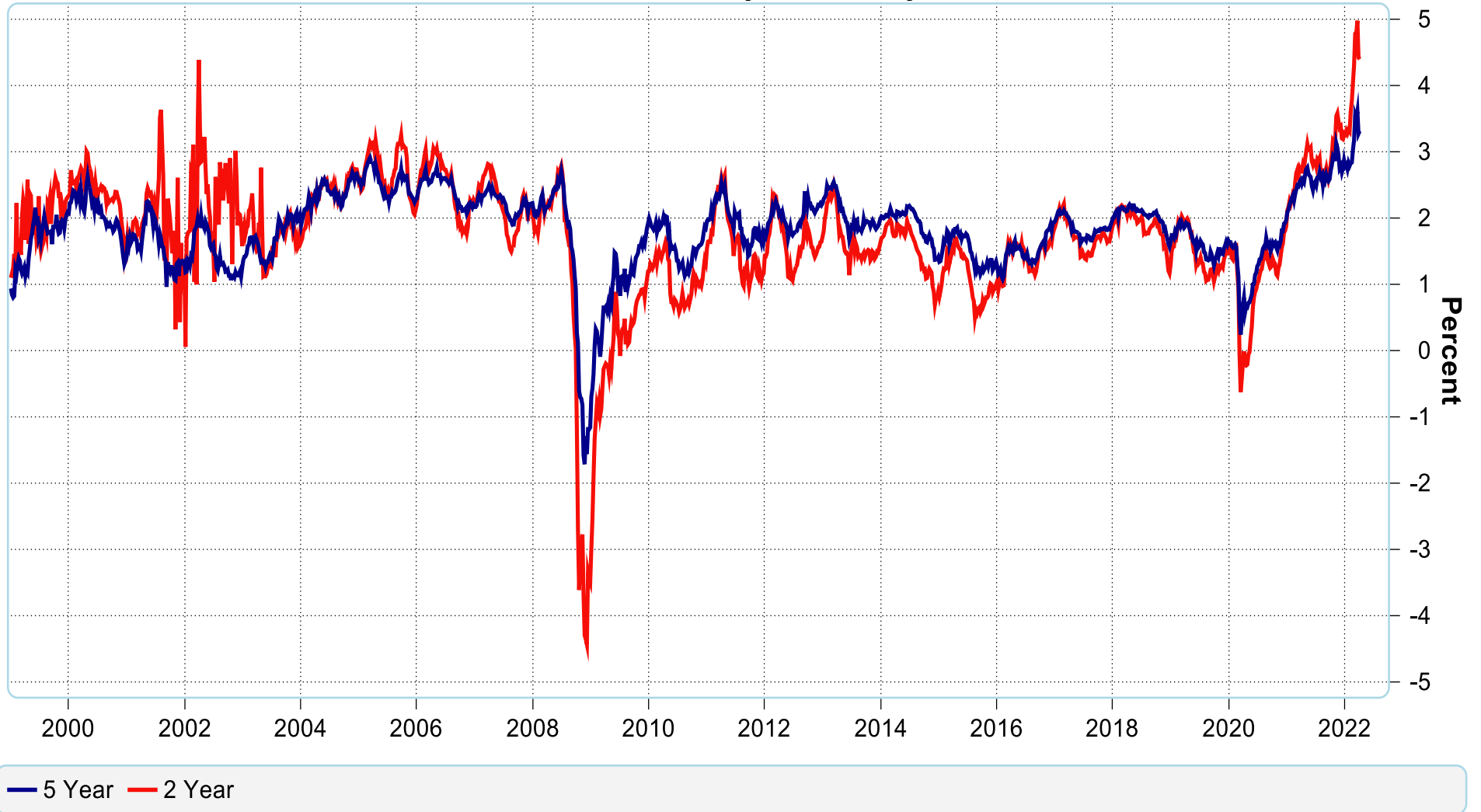


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But five-year and two-year break-evens are probably *higher* than in

1973

US breakeven inflation - 2 years and 5 years ahead

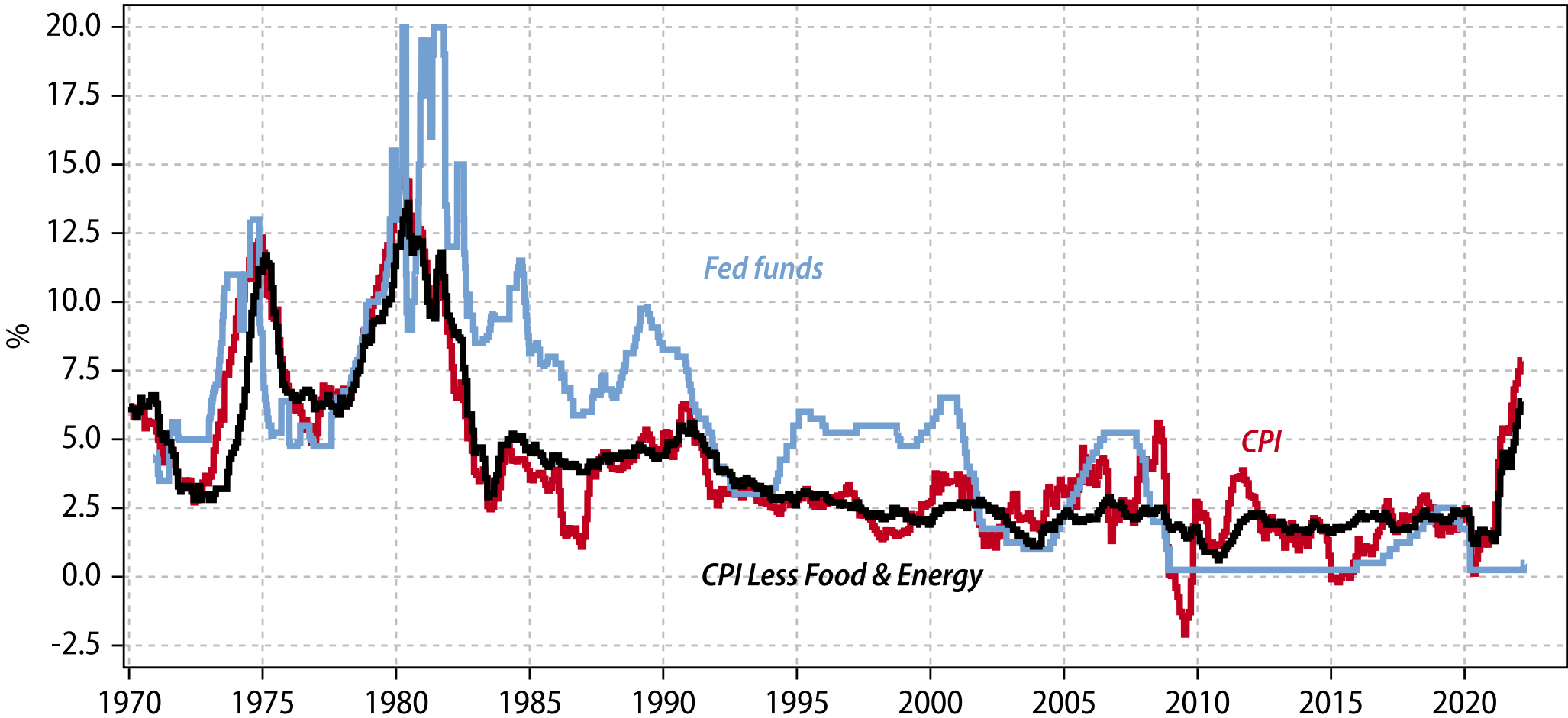


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Can negative real interest rates cure inflation?

Fed policy and US inflation

Fed funds target vs US CPI



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Structural changes also point to higher inflation

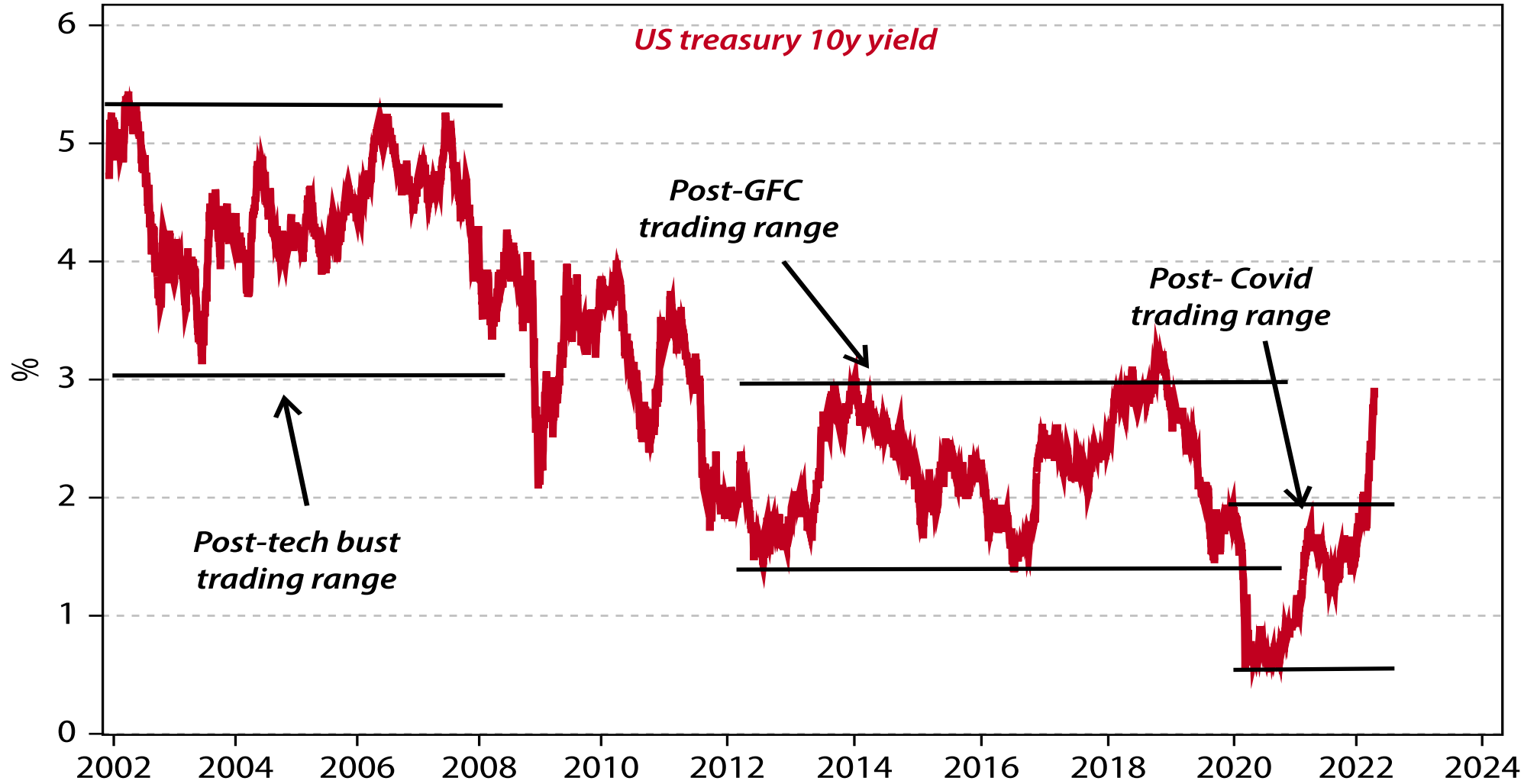
- **Macro policy** now expansionary and financed by central banks
- **De-globalization:** weakening of Chinese competition
- **Technology:** disruptors become monopolists
- **Energy transition:** capital intensive industries will lead growth
- **Politics:** balance of power shifts back towards labor
- **Demographics:** fewer producers, more consumers everywhere

Investment conclusions: high inflation hurts almost all asset classes

- 1. High inflation means rising interest rates and US bond yields in 2.5-3.5% range**
- 2. Bond investors will lose money, but bond bubble will still be slow to deflate**
- 3. US equities are expensive; many non-US equities more reasonably valued**
- 4. Rotation from speculative sectors to energy and pricing power**
- 5. Growth sectors: divergence between profitable and loss-making stocks**
- 6. China and commodity-producing EMs should outperform US and Europe**
- 7. Dollar will decline in long run, but mainly against Asian currencies (including RMB)**

New trading range for US 10-year : 2% to 3%? Or 3% to 5%?

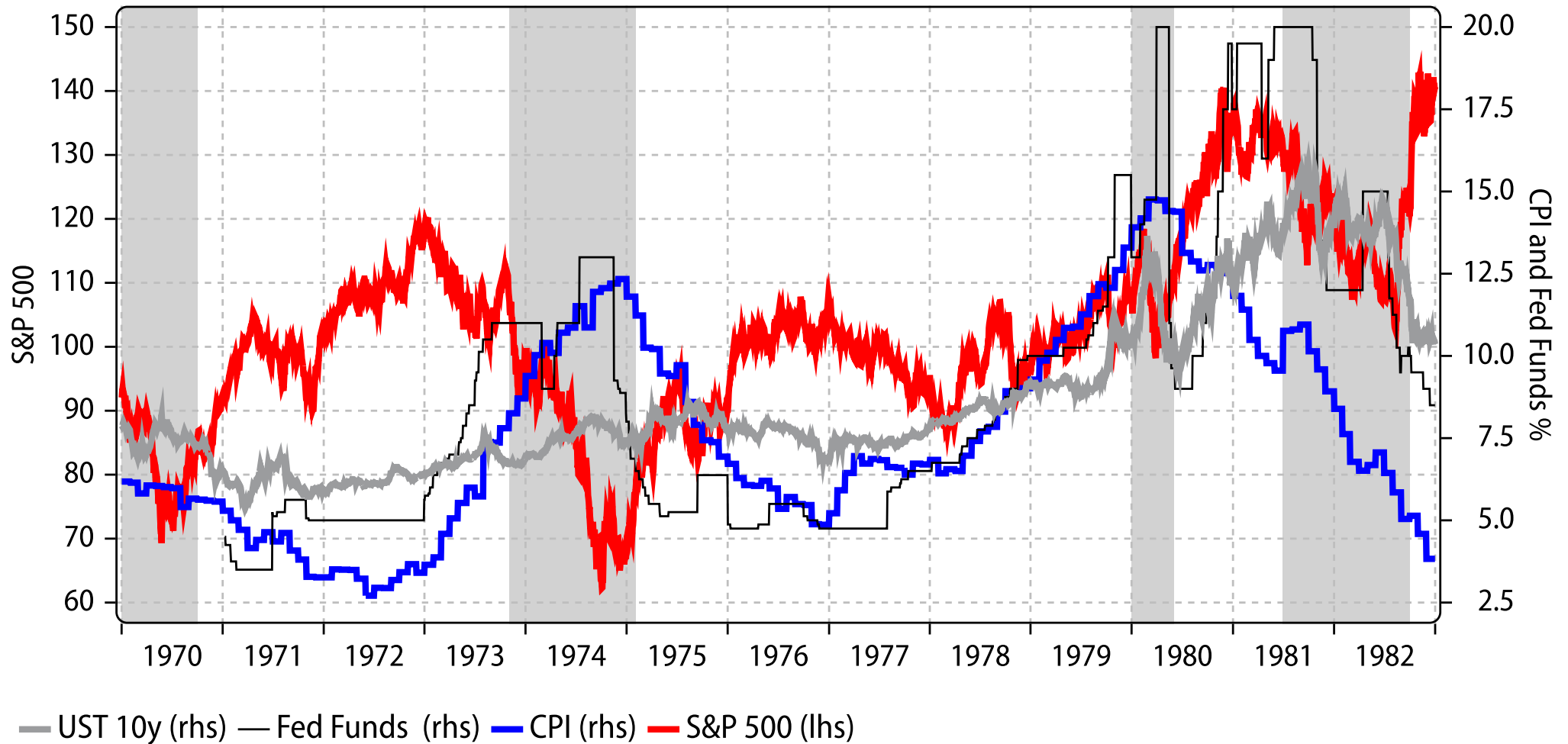
Bond yields have broken out: Post-GFC trading range or higher?



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Are equities an effective inflation hedge?

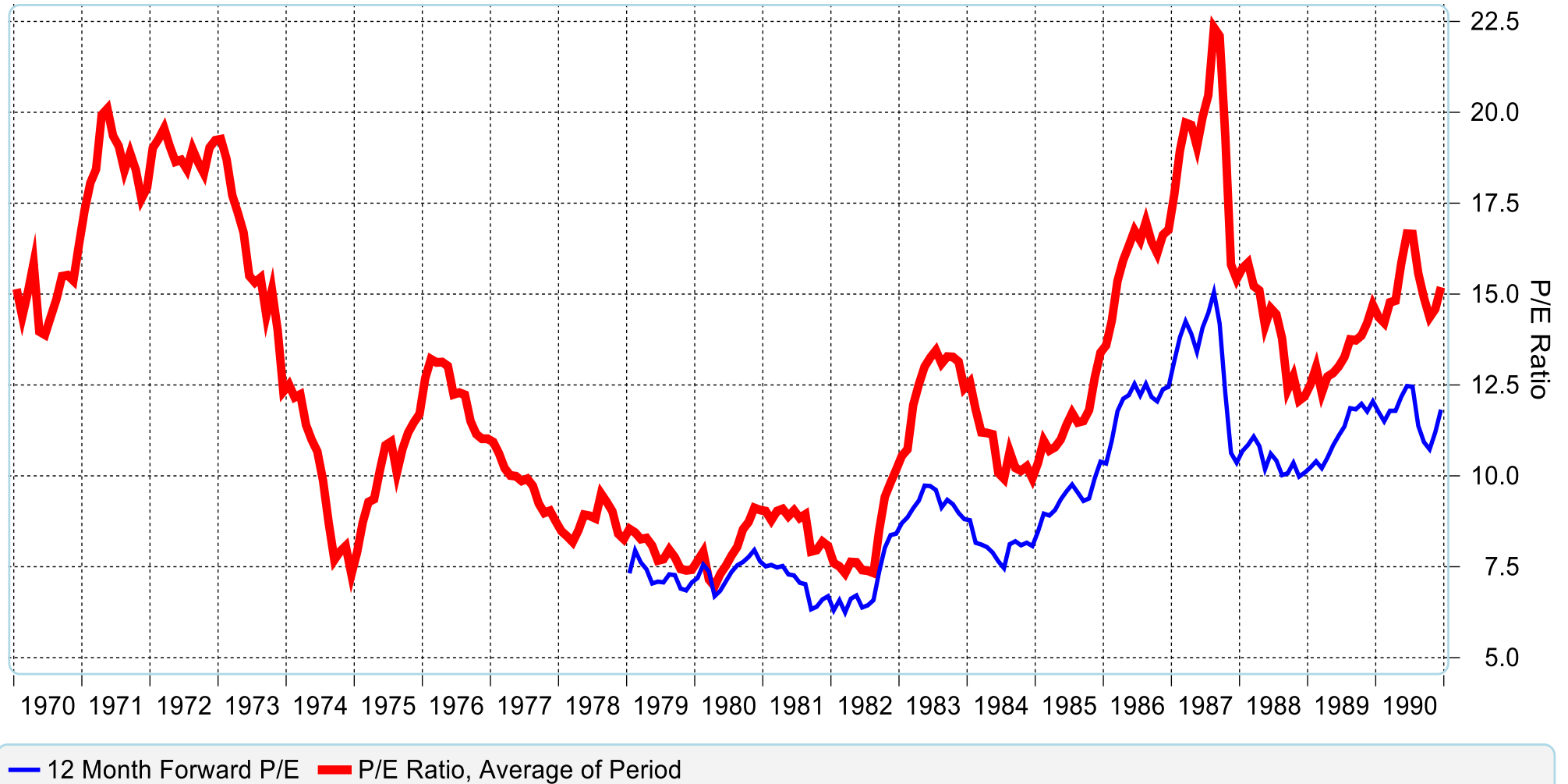
Equity prices, inflation and interest rates



CEIC, GaveKal Data

Not if valuations fall faster than inflation boosts revenues and profits

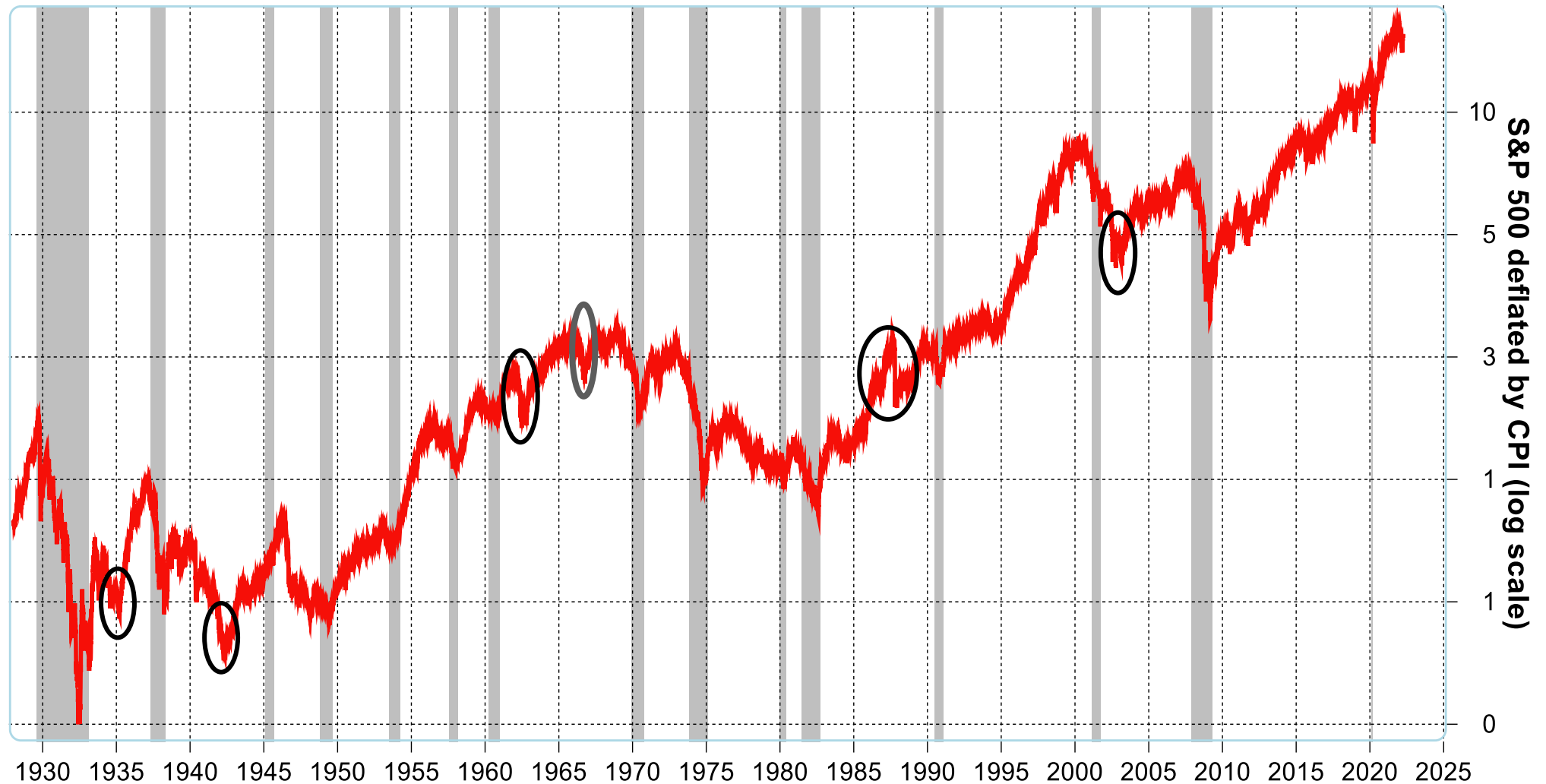
S&P 500 Price-Earnings ratios



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Equity bear markets can occur without recessions

S&P 500 in real terms



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Highs are usually retested before a bear market sets in

S&P 500 1972-74



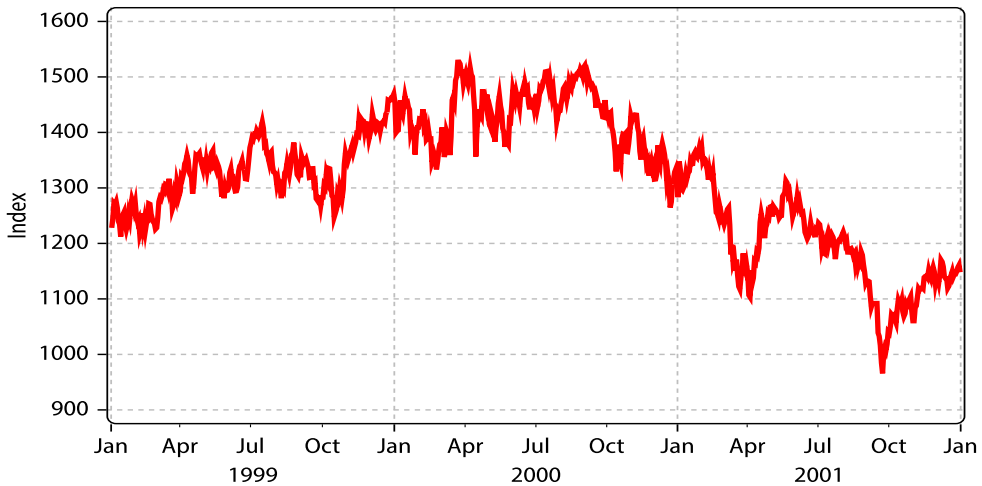
CEIC, GaveKal Data

S&P 500 1980-82



CEIC, GaveKal Data

S&P 500 1999-2001



CEIC, GaveKal Data

S&P 500 2006-08



CEIC, GaveKal Data

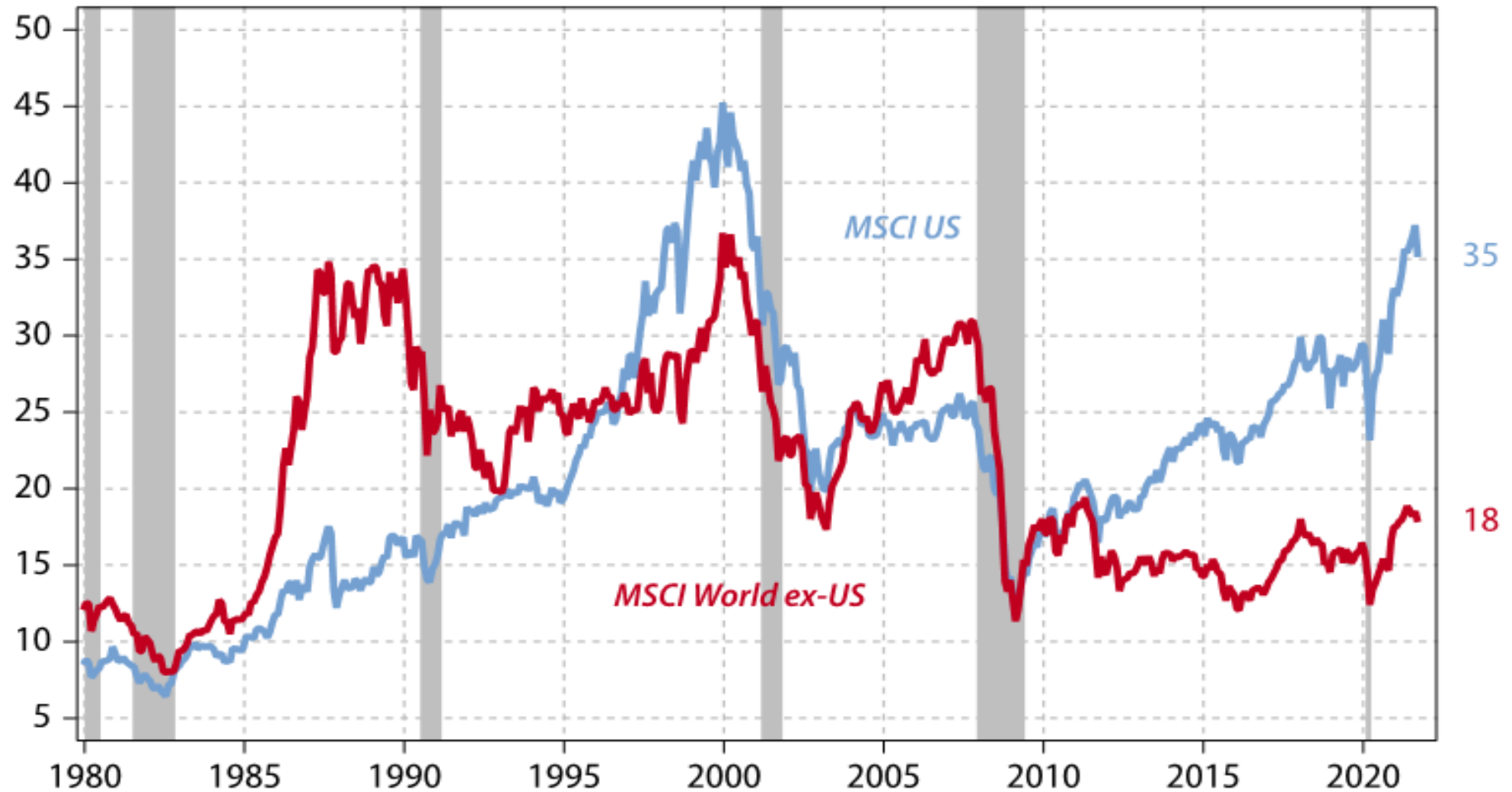
Conclusions: reducing risk does not mean “risk-off”

- 1. High inflation means rising interest rates and US bond yields in 2.5-3.5% range**
- 2. Bond investors will lose money, but bond bubble will still be slow to deflate**
- 3. US equities are expensive; many non-US equities still reasonably valued**
- 4. Rotation from speculative sectors to energy, non-cyclicality and pricing power**
- 5. Growth sectors: divergence between profitable and negative cash-flow stocks**
- 6. China and commodity-producing EMs should outperform US and Europe**
- 7. UK faces most serious inflation threat: inflation hedges and property will do best**
- 8. Dollar will decline in long run, but mainly against Asian currencies (especially RMB)**

Equities outside US are not expensive by historic standards

Global equities are a bargain

Cyclically adjusted P/E ratio

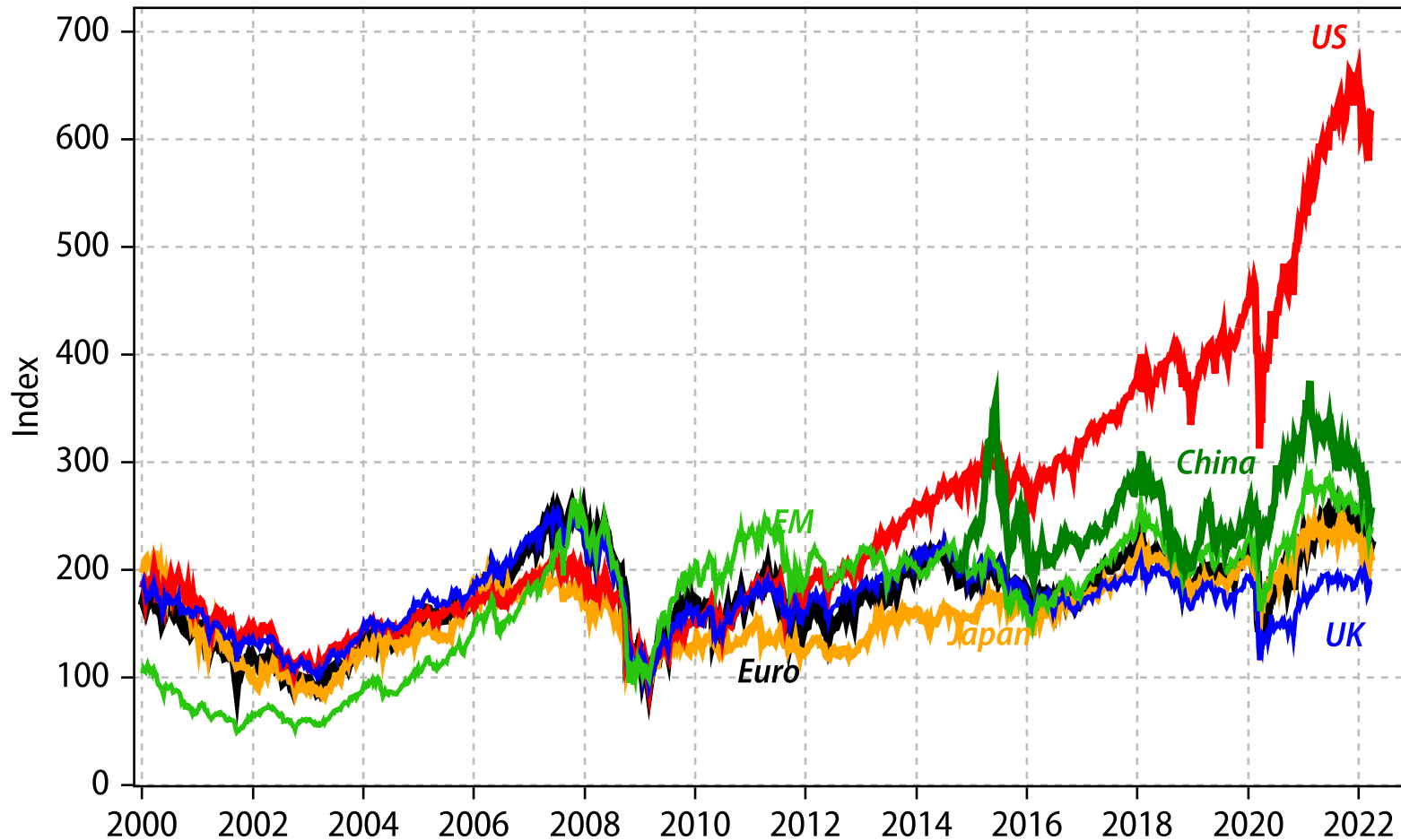


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Huge scope for relative rerating outside the US...

Outside US stockmarket gains have been very moderate since 2009

MSCI IMI all-cap country equity indices (US\$), rebased to March 2009

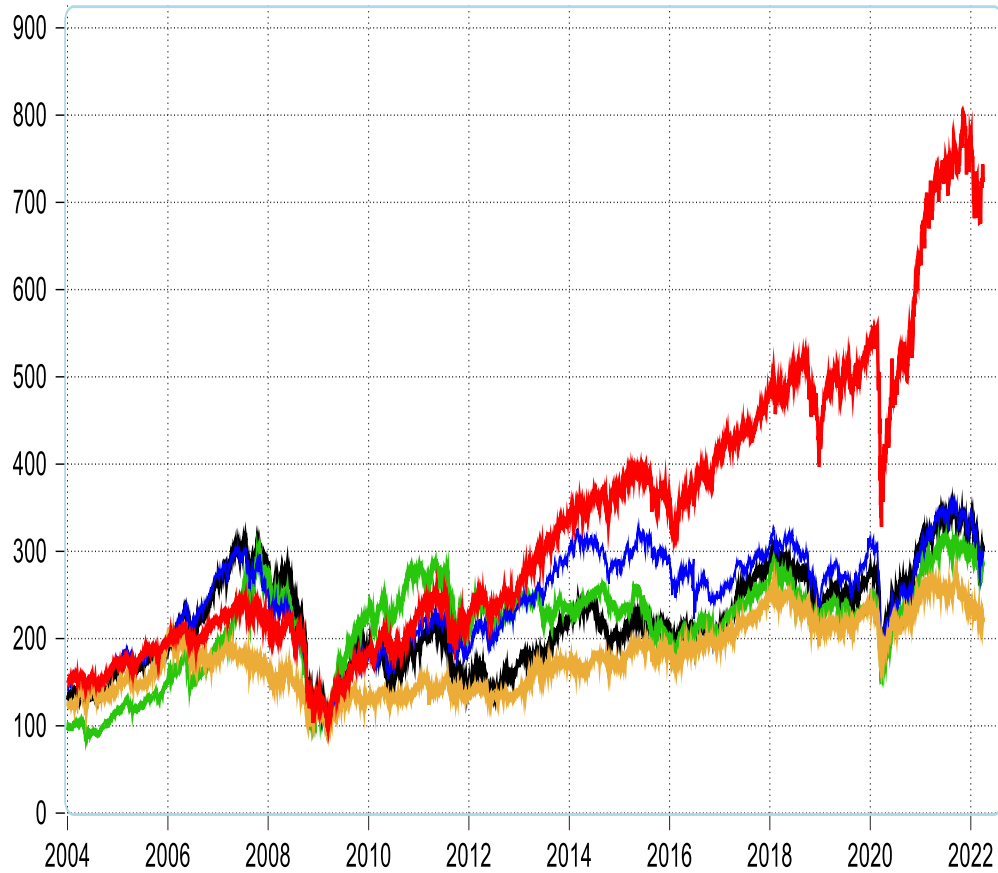


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... and it's not just Big Tech that explains the difference

Small and Mid-Caps since 2009: US outperformance even greater

MSCI Small & Mid Cap Index USD

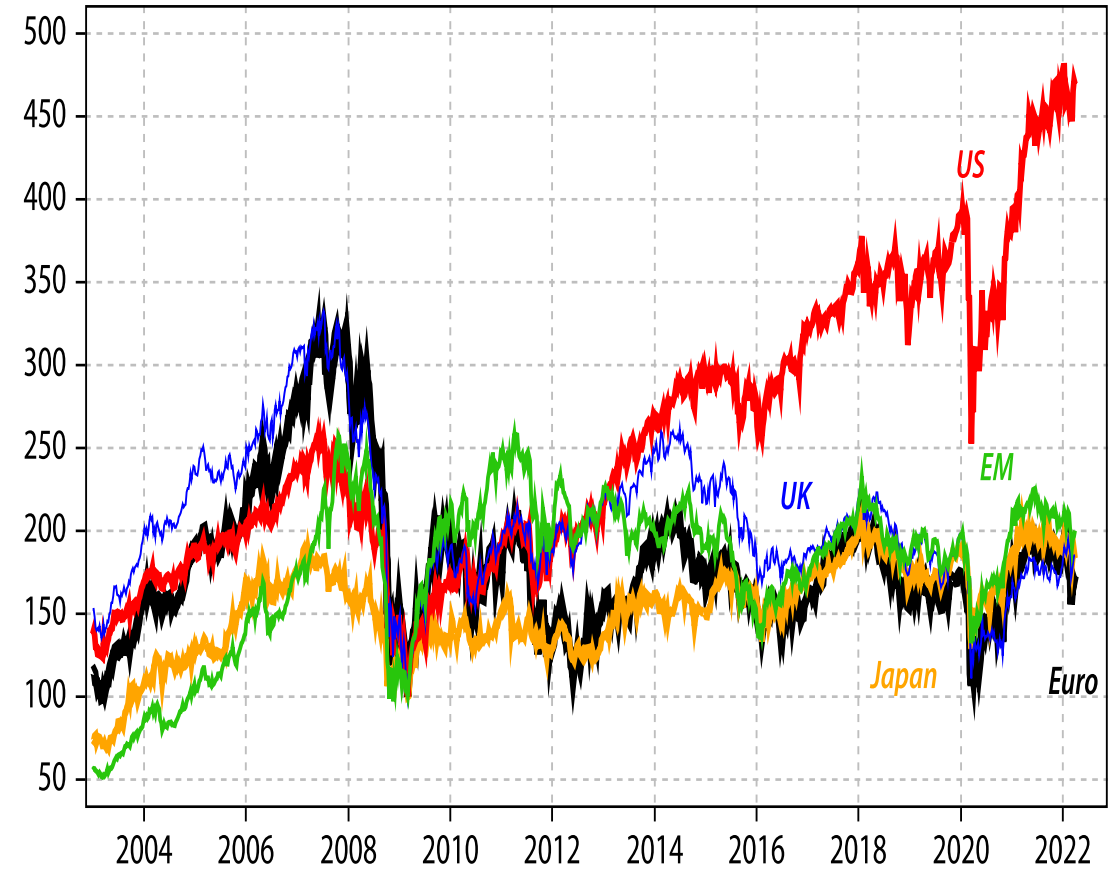


— United States — Japan — United Kingdom — EM — EMU

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Value stocks since 2009: US, Europe, Japan and EM (in US\$)

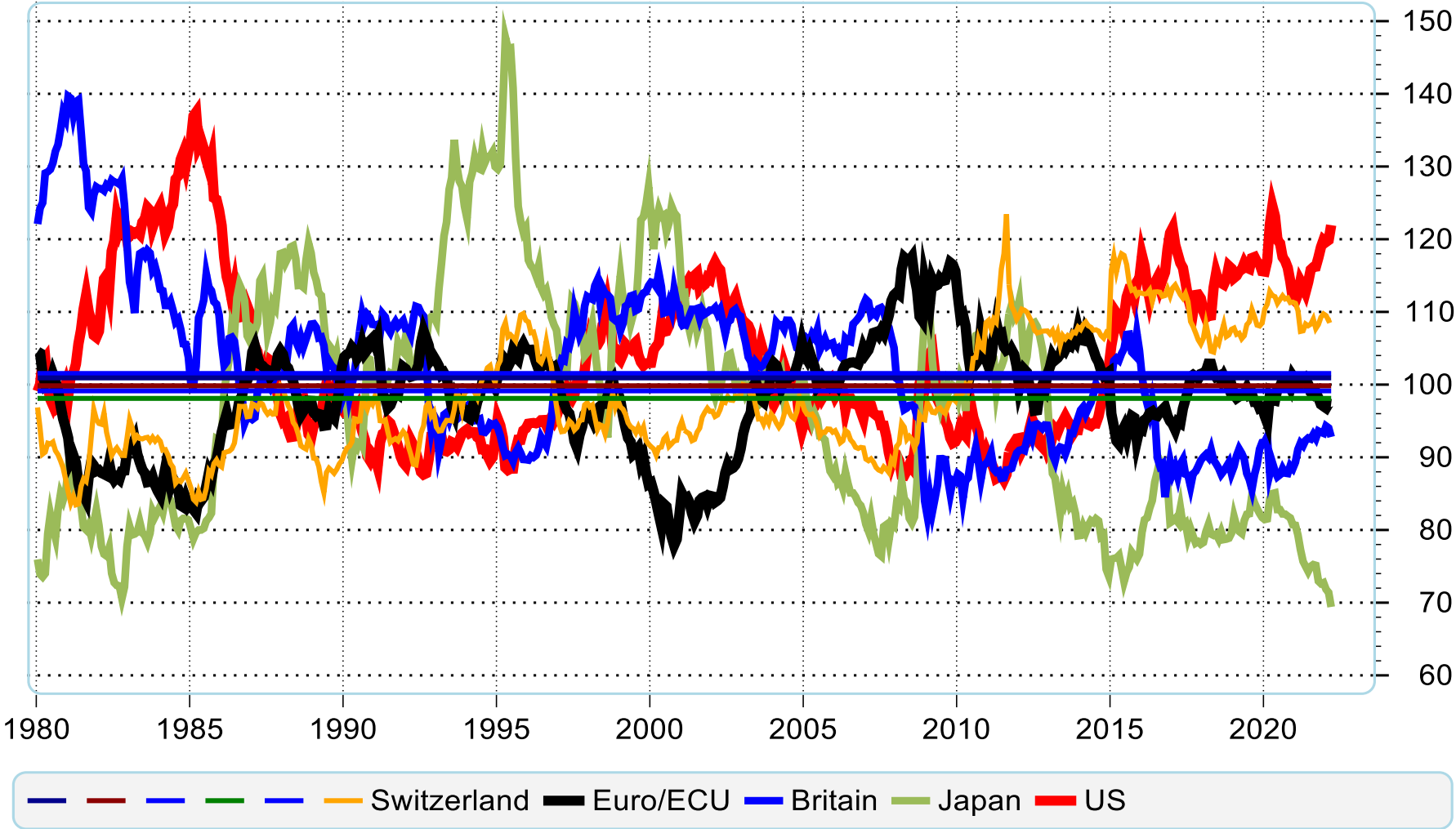
MSCI Value Indices (IMI Large, Mid, Small-Cap)



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Dollar is now very expensive

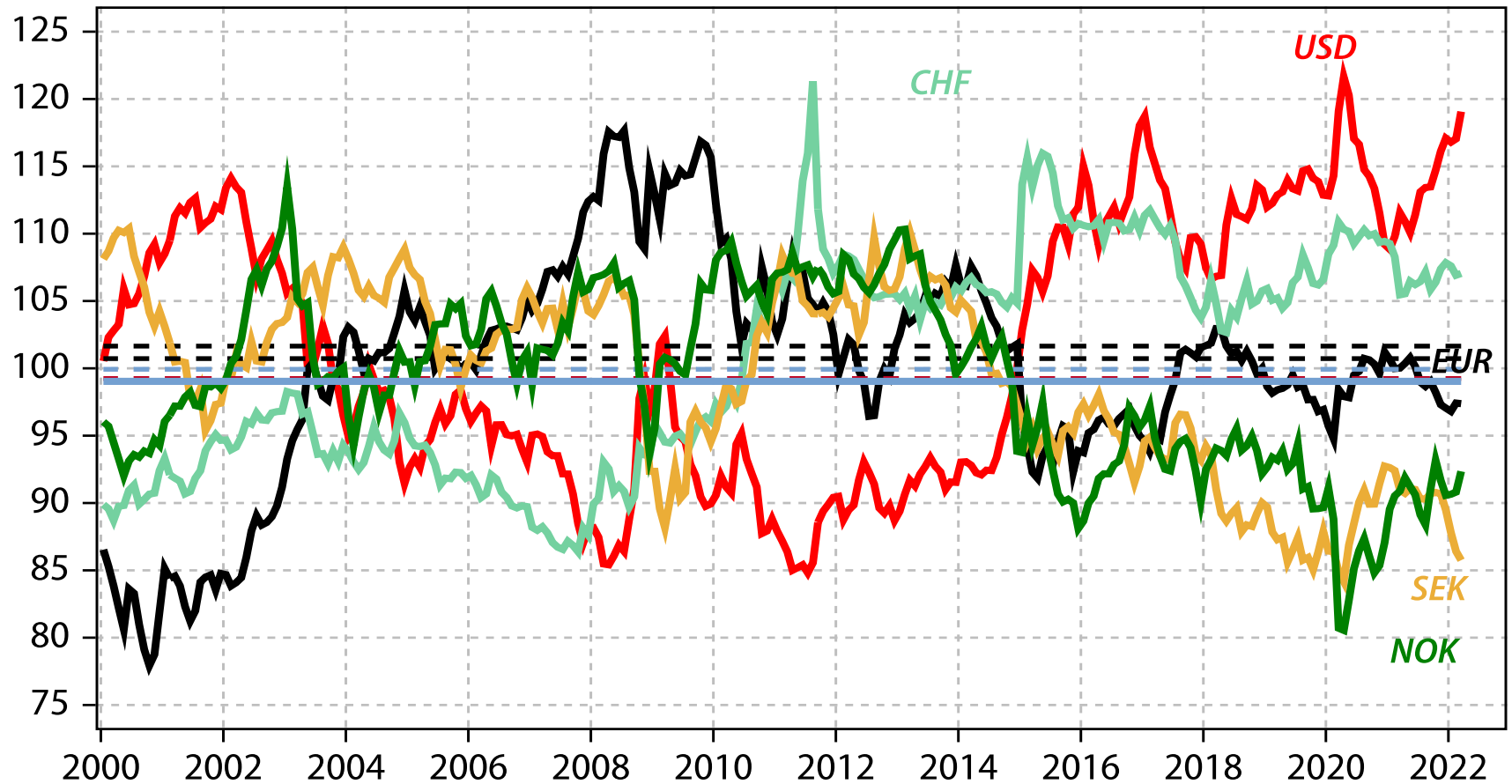
Trade-weighted real exchange rates
BIS calculation based changes in relative CPIs (100 = mean since 1990)



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Scandinavian currencies are undervalued

Real Exchange Rates (BIS based on relative consumer prices)
100 = mean since 2000

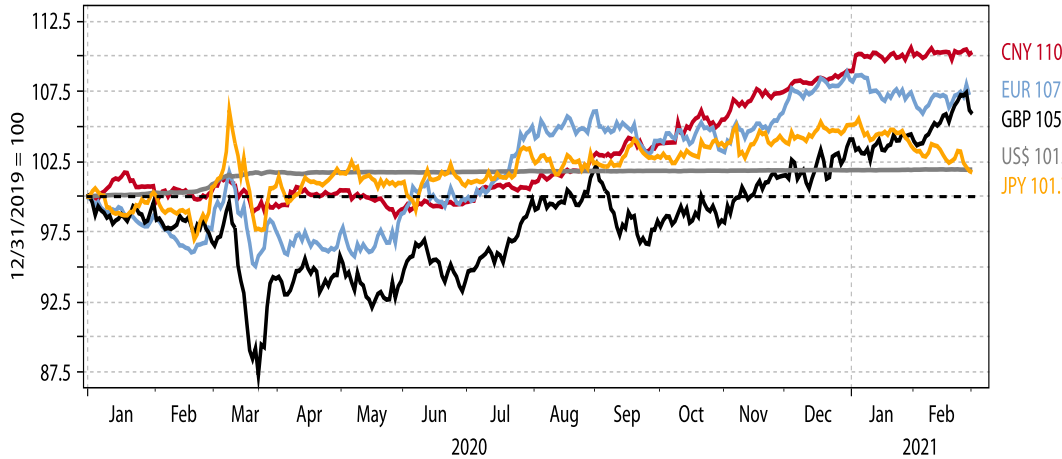


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RMB has been best performing currency on any meaningful timeframe

The renminbi is the best performing major currency since the start of the pandemic

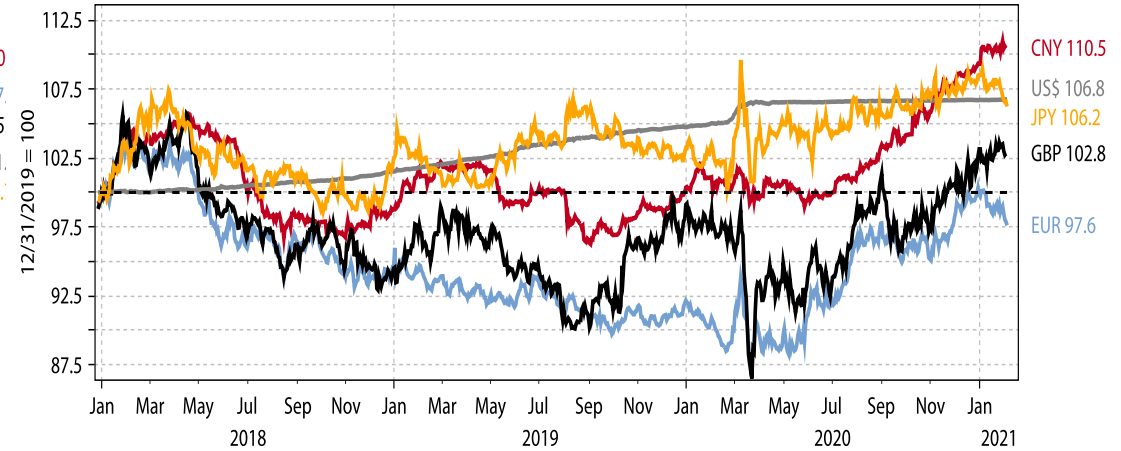
Total return on 1y T-bills or equivalent, in US\$ terms



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RMB is best performer over past three years

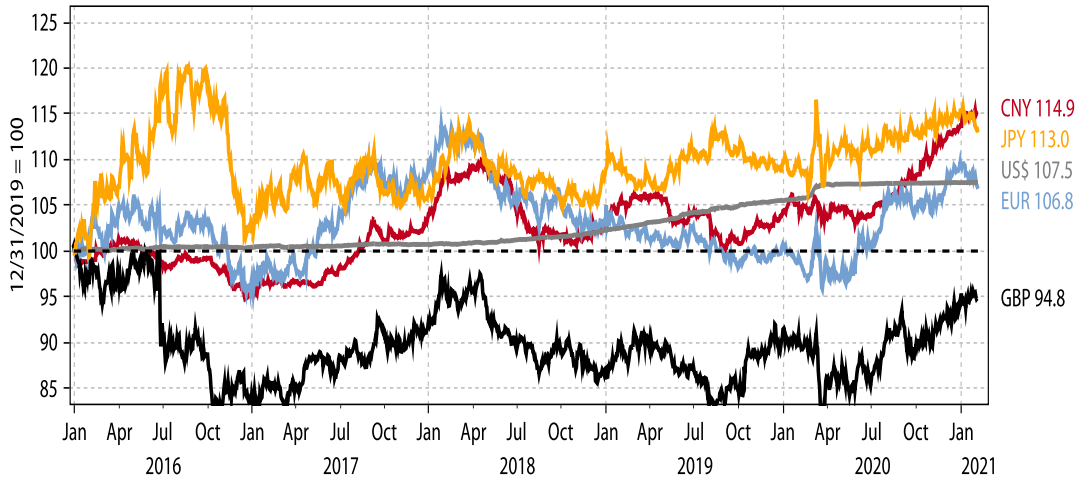
Total return on 1y T-bills or equivalent, in US\$ terms



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RMB is best performer over past five years

Total return on 1y T-bills or equivalent, in US\$ terms



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RMB is best performer over past ten years

Total return on 1y T-bills or equivalent, in US\$ terms



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