

Global Rates Weekly

Fool me once, fool me twice

The View: Big Wednesday

A big week ahead, with what would normally be headlining acts – US payrolls and Eurozone Flash CPI – likely to concede top billing to tariffs on Wednesday. The downside risks to growth that tariffs present support our constructive rates view, while our economists' call for a sub-2% Euro CPI print reinforce the bullish message there.

— M. Capleton

Rates: Rates super-fly

US: Stay constructive belly duration but pay June '25 FOMC OIS on solid data.

EU: We remain bullish duration. We discuss upside to 2025 EGB and EU supply. We believe extra bond issuance for 2025 is almost purely a German story at this stage.

UK: Gilt Remit did not disappoint and we hold onto long G vs. WN invoice spreads. We also update our yield forecasts post macro data & Spring Forecasts.

AU: We see RBA pausing in April but cutting in May. We have lowered our rate forecasts and maintain our long bias, especially after a weak monthly AU CPI.

JP: We discuss flows and trades for Japan's new fiscal year starting next week.

CA: Tariff risk weighs on CA rates, we revise our rates forecast lower across the curve.

— M. Cabana, B. Braizinha, R. Axel, K. Craig S., Salim, E. Davidsson, A. Stengeryte, M. Capleton, S. Yamada, T. Yamashita, O. Levingston & J. Liu

Front end: Debt limit timing shifts 2Y spread risks

US: Recent headlines highlight the risk of an earlier debt limit resolution to our constructive front-end spread view.

— M. Cabana, K. Craig, R. Axel

Spreads: Scope for 10y EURUSD xccy basis tightening

EU: German swap spreads tightened vs US, which can tighten the EURUSD xccy basis.

— R. Man. S. Salim

Technical: Liberating levels for US 10Y and US 5s30s

We recap the daily charts and key levels for US10Y yield, US5s30s, euro, SPX & Copper. US 10y yield resistance +/- 4.45%. US 5s30s reached our year ahead target.

— P. Ciana

28 March 2025

Rates Research
Global

Table of Contents

Our medium term views	2
Our key forecasts	2
What we like right now	2
The View	3
Rates – US	4
Rates – EU	6
Rates – UK	8
Rates – AU	10
Rates – JP	12
Rates – CA	14
Front end – US	15
Spreads – EU	17
Technical	19
Rates Alpha trade recommendations	20
Global rates forecasts	23
Appendix: Common acronyms	24
Research Analysts	29

Global Rates Research
MLI (UK)

Ralf Preusser, CFA
Rates Strategist
MLI (UK)
+44 20 7995 7331
ralf.preusser@bofa.com

Mark Cabana, CFA
Rates Strategist
BofAS
mark.cabana@bofa.com

Sphia Salim
Rates Strategist
MLI (UK)
sphia.salim@bofa.com

See Team Page for List of Analysts

Trading ideas and investment strategies discussed herein may give rise to significant risk and are not suitable for all investors. Investors should have experience in relevant markets and the financial resources to absorb any losses arising from applying these ideas or strategies.

BofA Securities does and seeks to do business with issuers covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision.

Refer to important disclosures on page 26 to 28. Analyst Certification on page 25

Our medium term views

Exhibit 1: Our medium-term views

Global views

Rationale

Duration	<ul style="list-style-type: none"> US: slight constructive duration bias, trade 4-5% range in 10y and fade extremes EU: We are bullish the front-end receiving Dec ECB €str to position for a structural repricing lower of the ECB's terminal rate. We turn bullish further out too, with long 15y OAT. UK: We are broadly neutral Sonia relative to the forwards in the 10y, forecasting Sonia at 4.25% by end-2026. JP: We believe the JGB yields will rise in a gradual manner. Our 10yr JGB yield forecast at end-2025 is 1.65%. The BoJ is still on track for gradual normalization. AU: bullish 3-5y sector as prices converge with our expected terminal cash rates/ neutral rate. Risk of overshoot in global equity market sell-off.
Front end	<ul style="list-style-type: none"> US: Mar / Sept '25 SOFR/FF curve flattener with (1) 1H '25 TGA drop & funding stability (2) TGA snapback in 2H '25 EU: Bank demand for excess liquidity may outstrip supply. Wholesale funding cost to rise: Euribor-€str widening, repo to stay cheap vs €str. UK: We expect the next rate cut in May, three cuts in 2025 and one more in 2026. Our front-end Sonia forecasts lie increasingly below the forwards through forecast horizon. JP: We expect the BoJ to deliver two additional rate hikes in 2025. TONA is likely to remain slightly below IOER in 2025. AU: We recommend Mar '25/ Sep '25 BOB steepeners to position for tighter funding market spreads and uneven global liquidity dynamics in H1/H2 '25
Curve	<ul style="list-style-type: none"> US: We favor 5s30s steepeners with Fed cuts and risk of reacceleration in 2H '25, supply concerns also support higher long-term rates EU: We expect a repricing of the terminal rate lower over time, This should come with more steepening than forwards are pricing in 2H25. We look for a shift in P&I duration demand from the 30y to shorter maturities, leading to additional steepening pressures on 10s30s from mid year. UK: We have tempered our Sonia steepening up to 10y bias by closing our 1yf 2s10s steepener, but maintaining short in 3s5s7s Sonia fly JP: We expect the 5s30s JGB curve to flatten, reflecting the potential policy rate hikes and upcoming cut in 30yr and 40yr JGB auction sizes from April. AU: The 3s10s curve should steepen to around 100bps over the next 12 months.
Inflation	<ul style="list-style-type: none"> US: 1y4y inflation swap long, with stubborn "last mile" inflation pressures, no landing, and asymmetric upside inflation risks around policy changes. EU: We favor receiving 10y Euro real rates against paying 10y US real rates, BTPei 2039 iota narrowers, and US-Euro 2y3y inflation spread wideners. UK: We recommend paying 5y UK real swap rates (combining Sonia and RPI swaps) versus Euro equivalent and being short 5y RPI. JP: 10y BEI should increase in 2025, given a rise in USD/JPY and supports from the BoJ and MoF.
Spreads	<ul style="list-style-type: none"> US: neutral 30Y spreads with long end supply / demand imbalance offset by de-reg focus; leaning towards tactical widening bias as de-regs theme plays out. EU: we are neutral on periphery spreads. We see risks of a widening near term, but believe medium to long term outlook is more positive, We turn bullish on OATs for the very near term. We expect stable 5-10y swap spreads, but see scope for some cheapening in bills & Schatz spreads, vs some richening in 30y Buxl spreads in 2H25. UK: We expect low coupon UKT 0.125% 2028s to perform relative to UKT 4.375% 2028s on ASW and are long 10y Gilt vs. 30y UST invoice spreads. JP: We expect medium-term spreads to remain positive within 2025 given (1) the potential for additional BoJ rate hikes and (2) BoJ's QT. AU: We see wider swap spreads, especially in the front end given elevated funding risks, but flatter swap EFP box given bond supply is typically concentrated around 10y sector.
Vol	<ul style="list-style-type: none"> US: Vol supported by uncertainty. '25 targets: 100-115bp 1y10y in 1H & 85-100bp in 2H; 1y1y c.110-120bp, Gamma flat vs intermediates EU: We expect implied vols to come lower with 1y10y around 70bp range and LHS cheapening vs RHS. Gamma to stay well supported (1y10y vs 1m10y at 0-5bp). AU: Lower vol with 1y10y c.70bbp and left side likely to underperform the right side in '25

Source: BofA Global Research

BofA GLOBAL RESEARCH

Our key forecasts

Exhibit 2: Our key forecasts

Global forecasts

% EoP	2023	2024	Q2 25	Q3 25	YE 25	Q1 26	Q2 26	YE 26
Fed Funds	5.25-5.50	4.25-4.50	4.25-4.50	4.25-4.50	4.25-4.50	4.25-4.50	4.25-4.50	4.25-4.50
10-year Treasuries	3.88	4.57	4.30	4.40	4.40	4.55	4.60	4.75
ECB refi rate	4.50	3.15	2.15	1.65	1.65	1.65	1.65	1.90
10y Bunds	2.02	2.36	2.75	2.50	2.50	2.65		2.75
BoJ	-0.10	0.25	0.75	0.75	1.00	1.00	1.00	1.25
10y JGBs	0.61	1.09	1.50	1.50	1.50	1.65	1.75	2.00
BoE base rate	5.25	4.75	4.25	4.00	3.75	3.50	3.50	3.50
10y Gilts	3.53	4.56	4.75	4.70	4.70	4.65	4.65	4.65
RBA cash rate	4.35	4.35	3.85	3.85	3.60	3.60	3.60	3.60
10y ACGBs	3.96	4.36	4.05	3.90	3.90	3.80	3.85	4.00

Source: BofA Global Research

BofA GLOBAL RESEARCH

What we like right now

Exhibit 3: What we like right now

Global views

AMRS : Constructive duration, short 30Y spreads, long 1y4y inflation, long fwd vol
 EMEA : We go long 15y OATs. We are received Dec ECB estr, and in 2y3y US-EUR inflation spread wideners.
 APAC: Buy 3y bond futures (YM), pay Aug '25 RBA as hedge. Spreads: Mar/ Sep bills OIS basis steepener.

Source: BofA Global Research; For a complete list of our open trades and those closed over the past 12 months, please see below.

BofA GLOBAL RESEARCH



The View

Mark Capleton

MLI (UK)

mark.capleton@bofa.com

The week that will be

Next week will bring March data for US payrolls and the Eurozone flash inflation print. In any normal week they would be vying for star billing in the market's line-up of events, but both are likely to fill supporting roles to the reciprocal tariff announcements scheduled for Wednesday.

To the extent that tariff uncertainty is reduced after Wednesday, that's good news perhaps. Markets hate uncertainty, as the saying goes. However, there's the other market saying that it's better to travel hopefully than to arrive.

For the Eurozone, our interpretation of "reciprocal tariffs", in isolation, should not present too great a threat; the concern is that scope is broadened to encompass VAT and (actual or perceived) non-tariff barriers.

Downside risks to growth leave us constructive US and Euro rates. For the Eurozone, where we are received Dec ECB €str and where we recommended longs in 15y OATs last week, a headline print of 1.9% for CPI with core at 2.3% (our economists' call), should be a more immediate help. A sub 2% print, if realized, should also be supportive of our US-Euro 2y3y inflation widener idea.

Being month- and quarter-end, thoughts turn to front-end liquidity. Here we expect a smooth passage in the US, especially after the Fed's additional SRF operations.

And we must also spare a thought for month-end index extensions, where it's worth flagging the 0.18 increase for Euro linker indices, with the March 2026 OATei issue exiting (the first of three consecutive month-end exits, to give a cumulative 0.6 extension by end-May).

The week that was

In an appetizer for next Wednesday's tariff main course, President Trump announced 25% tariffs on imports of cars and light trucks, with the aim of reshoring production. This helped firm front-end inflation (where we favor longs in 1y4y CPI).

The Gilt market's first take on [Wednesday's Spring Forecast](#) from the UK Chancellor was favorable, delivering bull-flattening, and this came hot on the heels of a downside surprise for UK CPI (the February print).

A total Gilt supply envelope for 2025-26 that was kept under £300bn and a greater-than-expected reduction in the long-end proportion were both welcomed. However, Gilts had second thoughts on Thursday, selling off versus peers, with skepticism about the achievability of fiscal projections moving to the fore.



Rates – US

Mark Cabana, CFA
BofAS

Bruno Braizinha, CFA
BofAS

Ralph Axel
BofAS

Katie Craig
BofAS

- Stay constructive belly duration but pay June '25 FOMC OIS on solid data
- Rate forecasts now lower with near-term slower growth, stable by end '26

Rates super-fly

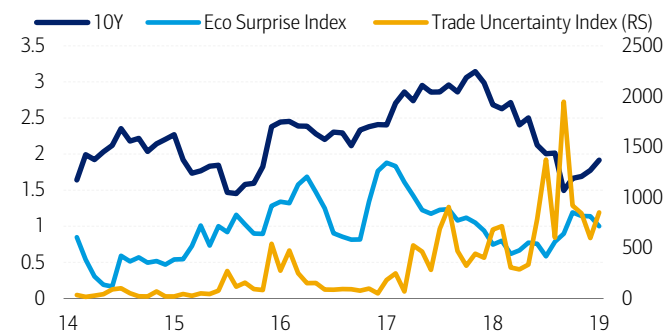
US rates bear steepened on the week but remain broadly range bound. We expect this will persist through April 2 tariff announcement & April 4 payroll data (our economists base case = headline NFP 185k & 4.1% U-3). Clients generally suggest low confidence in the April 2 announcement & expect another solid labor market print.

The US rates market is stuck between soft & hard data. Soft data points to a slowdown but hard data remains resilient; upside inflation risks persist. The recent spike in trade related uncertainty is a headwind to growth, but unlikely enough to materially push rates lower unless the data weakens. In 2019, higher trade uncertainty coincided with weakening US data surprises & pushed rates lower (Exhibit 4). Today, trade uncertainty measures are higher vs '19 but US rates have been unable to break the bottom end of recent ranges as US hard data remains stable & data surprise sideways. It will take a break in the hard data to justify Fed cuts & lower rates.

As the market waits for hard data to confirm the data turn, we like to pay June FOMC OIS. Rates markets are pricing what we believe is too high a likelihood that the Fed will deliver a 25bp rate cut in the June FOMC meeting, which takes place June 18 and will have one FOMC meeting preceding it on May 7. We think that June is too early for the Fed to decide given high levels of uncertainty in its outlook that will take time to see in the data. We recommend paying June FOMC at 4.15% (see [Pay June FOMC OIS](#)).

Exhibit 4: 10y (%), economic surprise (pts) & trade uncertainty (pts)

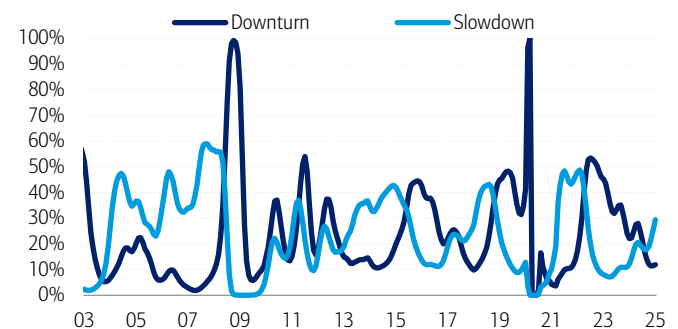
Rate declines in '19 occurred with weaker data & against a backdrop of increasing trade uncertainty



Source: Bloomberg, Baker Bloom Davis; note +1 added to econ index for scaling purposes
BofA GLOBAL RESEARCH

Exhibit 5: Likelihood of slowdown & downturn scenarios extracted from the dynamic of leading indicators for the US economy

Two recession types: slowly unfolding (e.g. '08) vs sharp negative shock ('20)



Source: BofA Global Research; note: probabilities calculated from level and changes of leading economic indicators. Slowdown = leading indicator level > 100 & slowing. Downturn = leading indicator level < 100 & slowing.

BofA GLOBAL RESEARCH

Other trade views: **duration**: fade extremes in sentiment swings until hard data provides a clearer signal, we suspect a near-term range of 4.15-4.5% & soft long bias in that range; **curve**: continued steepening bias in 5s30s as it may take more time for near-term cuts to be realized; **inflation**: long 1y4y inflation swaps given tariff risks, express duration long with mix of nominal & reals to hedge inflation.; **spreads**: short 30y. We essentially favor a US rates super-fly: paid very front end, constructive on belly, underweight long end.



Lag of soft vs hard data + data most predictive for US rates

Clients have asked how long until the soft data materializes in the hard data. There is no specific economic rule but we have generally assumed the soft data could be head fake if hard data does not soften within 3-6m.

One can also examine the likelihood of slowdown and downturn scenarios extracted from the dynamic of leading indicators to get a sense of timing in the sequencing of a slowdown in data. In a gradual slowdown process that eventually culminates into a recession like the '08 recession, we generally see a 12-18m lag between the pickup of slowdown likelihoods (slowing soft data) and the spike in downturn likelihoods (slowing hard data). Our analysis suggests an uptick in slowdown risks in early '24 that could see clearer signs of a downturn in early/mid '25.

Rate forecast revisions: 10y at end '25 to 4.5% from 4.75%

The market has clearly re-priced downside growth risks in the rates market, though there are signs of recent stabilization. In our rate forecasts we now take on board these downside growth risks + our economists recent growth forecast changes (see [A little stag-, and more -flation](#)). Our economics recently downgraded their 1H25 growth expectations to better reflect trade policy developments and the recent data flow. They marked down 4Q/4Q growth this year from 2.3% to 1.8%. They also raised inflation projection & now expect core PCE to reach 3.0% y/y in 2H25. Faced with modest stagflation, they see Fed on hold.

We revise our US rate forecasts to reflect the downgrade of US growth expectations. We see 10y rates lower at end '25 from 4.75% to 4.5% to reflect near-term softening of growth + market pricing of elevated Fed cut risks. These forecasts are within our recent estimates of 10y UST fair value (see [model update](#)). Our forecasts are modestly above the forwards across the forecast horizon recognizing an overall strong US economy & limited spillover to hard data thus far. A Fed on hold is the BofA modal view but our forecast revisions reflect a market that may price greater downside growth risks.

Our forecasts also imply a continued cheapening of back-end USTs vs OIS. This is consistent with ongoing concerns about UST supply, deficit risks, & potential disappointment from elevated expectations for financial de-regulation.

Exhibit 6: BofA US rate forecast revisions

We forecast modestly lower 10y rates in the near term but keep end '26 10y unchanged

New Forecast							Old Forecast						
	2Q25	3Q25	4Q25	1Q26	2Q26	4Q26		2Q25	3Q25	4Q25	1Q26	2Q26	4Q26
2y Govt	4.00	4.00	4.00	4.05	4.10	4.25	2y Govt	4.50	4.50	4.50	4.50	4.50	4.50
5y Govt	4.10	4.15	4.20	4.25	4.30	4.40	5y Govt	4.65	4.65	4.65	4.65	4.65	4.65
10y Govt	4.30	4.40	4.50	4.55	4.60	4.75	10y Govt	4.75	4.75	4.75	4.75	4.75	4.75
30y Govt	4.70	4.75	4.80	4.85	4.90	5.00	30y Govt	5.00	5.05	5.05	5.15	5.05	5.20
Curves							Change						
2s10s	0.25	0.25	0.25	0.25	0.25	0.25	2y Govt	-0.50	-0.50	-0.50	-0.45	-0.40	-0.25
2s5s	0.15	0.15	0.15	0.15	0.15	0.10	5y Govt	-0.55	-0.50	-0.45	-0.40	-0.35	-0.25
5s30s	0.35	0.35	0.40	0.40	0.50	0.60	10y Govt	-0.45	-0.35	-0.25	-0.20	-0.15	0.00
10s30s	0.25	0.25	0.30	0.30	0.40	0.45	30y Govt	-0.30	-0.30	-0.25	-0.30	-0.15	-0.20

Source: BofA Global Research

BofA GLOBAL RESEARCH

Our rate forecasts suffer from higher uncertainty vs usual given upcoming risk events. Specifically, the tariff announcement on April 2 has a very wide range of outcomes & market impacts. The March employment report on April 4 could also meaningfully shift Fed expectations if it either confirms or refutes recent sentiment data.

Bottom line: hold soft long duration bias in belly & in 5s30s steepeners. Be paid June FOMC OIS given sticky inflation & recent solid hard data. Rate forecasts shift lower near term but remain stable over medium term.



Rates – EU

Sphia Salim

MLI (UK)

sphia.salim@bofa.com

Edvard Davidsson

MLI (UK)

edvard.davidsson@bofa.com

- We remain bullish duration. We discuss upside to 2025 EGB and EU supply. We believe extra bond issuance for 2025 is almost purely a German story at this stage.

Supply: updated forecast range for EGB & EU supply

Germany: additional funding likely to be covered with bonds, not just bills

The Finanzagentur release its Q2 funding update on Monday. No changes were made to the Q2 issuance calendar. However, the agency noted that it would consider re-introducing 7y auctions in H2. This has challenged our prior that increased funding needs in Germany may be mostly covered by bills.

We estimate that German 2025 borrowing needs for 2H25 could increase by €25-60bn (Exhibit 7). This is based on the new treatment of defence spending above 1% of GDP, our understanding of the likely revision to the borrowing authorisation for 2025 (due to lower growth), and the potential increase in the defence spending target. The range is wide, but we aim to update it when the 2025 budget is put forward.

We believe that an increase of up to c.€35bn could be funded by a combination of 7y auctions and bills (maintain the bill to bond supply ratio at 1:2, as per guidance from the Finanzagentur). Our estimate for such supply is in Exhibit 8. If the needs are higher, additional increases to other lines would required. This is something the agency has not ruled out but it believes would not be significant. It is worth nothing that the Finanzagentur has excluded a return to selling linkers and does not consider ultra long bonds (given elevated rates), retail bonds, or secondary market sales of own holdings.

Exhibit 7: Potential increases in German borrowing needs for 2025

We estimate a potential increase in borrowing of €25-60bn.

	Draft budget Aug-24	Increase (BofA est)	
		low	high
Net borrowing authorisation for 2025 Federal budget	51	10	10
Extra borrowing allowance given new treatment of defence spending above 1% of GDP (*)	-	10	20
Net additional borrowing if defence spending target is increased to 2-2.5%	-	15	25
Needs to cover spending under 100bn defence fund	22	0	5
Needs to cover spending under new 500bn infrastructure fund (**)	-	0	0
Needs to cover spending under old ESF, FMS & IRF (***)	?	-10	0
Total potential additional net borrowing needs		25	60

Source: Bundestag, BofA Global Research. (*) Based on different quantifications of defence spending target in Aug-24 draft budget for 2025. (**) We assume spending under this fund will not start until 2026. (***) Economic Stabilisation Fund, Financial Market Stabilisation Fund and Investment and Redemption Fund. Negative numbers = loans / investments could be repaid

BofA GLOBAL RESEARCH

Exhibit 8: Scenarios for 7y auctions in 2H25, based on historical patterns, combined with bill issuance based on 1:2 ratio for extra bills vs bond gross supply.

We estimate that the combination of 7y auctions and more bill supply can help cover 18-36bn of needs (with most likely scenario being c.25bn)

	low	likely	high
Number of new 7y auctions per quarter	2	2.5	3
Size of each 7y auction (bn)	3	3.5	4
Resulting 7y issuance potential over 2H25	12	18	24
Extra bill supply to keep bills = 1/3 of total gross issuance	6	9	12
Total potential extra issuance (7y+bills)	18	26	36

Source: BofA Global Research

BofA GLOBAL RESEARCH

Other EGBs: near term focus likely to be on the use of EU's SAFE loans

Besides Germany, we believe EGB supply will not be altered much compared to the funding plans laid out at the start of the year. We previously estimated that Italy and Spain are the two countries with the largest EUR billion gap in defence spending vs the 2% NATO threshold (around €10bn), with Ireland and Austria displaying the largest ppt of GDP gap – see Rates EU in [Global Rates Weekly, 21-Feb](#). We still believe most of these countries' ability and willingness to add to 2025 national spending is limited.

Our baseline is that extra 2025 issuance for defence spending across EGBs (ex Germany) is likely to be less than €10bn. Instead, periphery countries may focus



their attention on joint EU programmes, preparing plans to make use of EU SAFE loans (see below) if no other (more attractive) programme is considered by the June summit.

Italy: Given elevated debt/GDP, Italy's ability to increase its deficit is very limited, as is the political appetite to do so for defence spending. But the government ruled out the repurposing the existing EU funds (Recovery and Cohesion) for defence. Our baseline is that it will make use of the new EU programme, while maintaining the pressure for expanding the toolkit at European level (see [Europe Economic Weekly, 21-Mar](#)).

Spain: Similarly to Italy, Spain also grapples with high debt to GDP levels (104.3%) limiting the incentive for additional borrowing. PM Sanchez expressed his intention to outline and start implementing a plan to boost defence spending before the summer. However, Spain has been unable to pass a budget for 2025 yet and may have to roll their 2023 budget again for this year. This could push plans for defence to the 2026 budget.

Portugal: After the no-confidence vote of Luis Montenegro's government, a snap election was called for this May. Until then, the interim government must continue with the existing budget. After that, deriving a new budget will also take time. Additionally, the two major parties appear to continue prioritising fiscal prudence.

Belgium: As a share of GDP, defence spending in Belgium has been similar to that in Spain & Italy (c.1.3%) but the gap in bn is smaller at c.4bn. Still, it is a sovereign to keep an eye on. After a prolonged period of political uncertainty and large fiscal deficits, Belgium was able to form a new government earlier this year. This one now aims to raise defence spending to 2% as early as this year, and targets to submit the 2025 budget by mid-April. This could present a challenge given fiscal consolidation needs.

EU: we continue to believe additional funding in '25 will come mostly in bills

In Feb, we noted that the EU has significant room to increase its short-term funding to cover additional needs in 2025 (scope for c.€30bn increase in stock of bills, and an envelope for repo funding of €60bn). We envisaged an extra €10bn EU bond supply in 2025 to speed up disbursements to Ukraine (total of €170bn, as per current limit).

Since then, the EU announced a plan for a new financial instrument (the Security Action for Europe – SAFE which will provide Member States with up to €150 billion of loans backed by the EU budget). This instrument will be funded by EU issuance, raising questions over added 2025 bond supply. We read the details and EC Q&A on the topic as supportive of our view that EU bond issuance will not increase meaningfully this year:

1. The maximum amount of additional needs related to SAFE this year = 15% pre-financing of agreed loans. In the very optimistic scenario where a large number of countries request loans up to the maximum of €150bn, and their plans are all approved in 2H25, this pre-financing would represent €22.5bn of extra funding needs for SAFE. The realised amount can be meaningfully lower than this.
2. The Commission noted that it will be able to accommodate disbursement needs with the “flexibility provided by its unified funding approach”. And that “this will limit the changes to its envisaged bond issuance through 2025 and 2026”. We believe this is a reference in part to bill and repo funding being used to bridge this period over which there is still net NGEU-related bond supply.

We recommend buying EU 10/54 vs NETHER 1/54, at 72bp, targeting 60bp with a stop at 80bp. The risk to this trade is the announcement of a large increase in EU supply.

Stay long rates: receiving Dec ECB €str & long 15y France

We remain bullish duration (in very front-end as well as via 15y France). Our benign view on bond supply is only a small part of the story. We are also focused on: (1) inflation prints next week, with our economists expecting 1.9% headline inflation, (2) the US tariffs due on Apr 2nd. Even if levels end up low for the Euro Area, it is unlikely that uncertainty will fade, (3) an ECB increasingly of the view that tariffs will be net negative for growth and thereby inflation, opening the door for pricing of sub 2% terminal rate.



Rates – UK

Agne Stengeryte, CFA
MLI (UK)
agne.stengeryte@bofa.com

Mark Capleton
MLI (UK)
mark.capleton@bofa.com

- Gilt Remit did not disappoint and we hold onto long G vs. WN invoice spreads. We also update our yield forecasts post macro data & Spring Forecasts.

Below is an excerpt from [Spring forecast Review, 26 March 2025](#).

Flexible benefits

2024-25 CGNCR estimate likely to increase in April

The DMO raised its CGNCR for the current FY by £7.5bn to £172.6bn vs. the October update (Exhibit 9). With NS&I incl. GSBs projected to raise £0.8bn more than the expected £9.5bn target for 2024-25, the NFR for the current FY is expected to turn out £6.7bn higher. With the CGNCR running £22.3bn ahead of plan as of February 2025, we suspect that this carry-over to the upcoming FY will see a further increase in April.

For 2025-26, the CGNCR is expected to be £142.7bn – not far from our expectation of £144.8bn. The £168.2bn of redemptions and £6.7bn in carry-over from the current fiscal year mean that GFR will amount to £317.6bn, while the NFR is forecast to be £304.2bn (note that proceeds from NS&I in 2025-26 are projected to come within a range of ± £4bn). Of that, planned gross Gilt issuance of £299.2bn next FY will be only marginally higher than this year's £297.0bn, in line with our thinking, while net T-bill sales will contribute £5bn. If the carry-over indeed turns out to be higher in April, we expect this additional 2025-26 funding need to be reflected in higher net T-bill sales.

More ambitious DMO amid high effective Gilt sales

A sharper-than-expected reduction in long Gilt sales (14% share vs. our expectation for 16%) was welcome, but it came with higher-than-anticipated unallocated portion of Gilt sales of 9%, expected to increase to only 5% by us and the primary dealers polled by Bloomberg. In the absence of the newly introduced programmatic Gilt tenders, we would have viewed this as signalling a greater upside risk to the share of long Gilts as the year progresses. But the tender program tempers that risk to an extent, in our view.

We interpret the DMO's increased flexibility to vary the split of issuance and the mix of distribution methods during the year as positive and more ambitious considering the persistently high effective Gilt sales to private investors in 2025-26 and beyond. Here, it is important to highlight changes in DMO's illustrated GFR projections, which were revised up by a cumulative £80.4bn over 2026-27 to 2029-30.

The BoE's QT plans from October 2025 are unknown (our base case is that the BoE would not rush to pre-empt the QT pace decision before August). We think it unlikely that that BoE would raise the pace from current £100bn per QT year, but it is possible that it would reduce it. At extremes, an unchanged BoE QT pace in 2025-26 would result in higher effective net Gilt supply from the DMO and BoE combined while passive QT only in 2025-26 would result in a small fall in effective net Gilt sales than this year.

Remit supportive of our ASW bullishness

Heading into the Remit, we highlighted the 10y area on the Gilt ASW curve as an attractive point to be long, from cross-market, relative value and carry perspectives, with de-regulatory potential on the back of developments in the US posing potential further upside ([Buy 10y Gilt vs 30y UST invoice spreads, 28 February](#)). With Wednesday's Gilt Remit not disappointing our expectations, we hold onto our **long G vs. WN invoice**



spreads. Current: 22bp. Entry: 13.9bp. Target: 30bp. Stop: 5bp. Risks to the trade are credible deficit reduction discussion and/or a broader reduction in dealer capital requirements in Treasury financing and warehousing on the US side, a sharp increase in Gilt supply in April and/or broad market risk-off.

Exhibit 9: UK DMO Remit for fiscal years 2024/25 and 2025/26, £bn

Broadly in line with expectations Gilt supply, with slightly sharper than expected skew shorter (but higher unallocated)

	FY 2024-25 (DMO - Apr'24)		FY 2024-25 (DMO - Oct'24)		FY 2025-26 (BofA - Mar'25)		FY 2024-25 (DMO - Mar'25)		FY 2025-26 (DMO - Mar'25)	
CGNCR	142.8		165.1		144.8		172.6		142.7	
Redemptions	139.9		139.9		164.7		139.9		168.2	
Adj. from prev. FY	6.5		6.5		10.0		6.5		6.7	
GFR	289.2		311.5		319.5		319.0		317.6	
Less:										
NS&I incl. GSBs	9.5		9.5		10.0		10.3		11.7	
Other financing	2.0		2.1				2.1		1.8	
NFR	277.7		299.9		309.5		306.6		304.2	
To be financed through:										
Gilt sales, through:	277.7		296.9		297.0		296.9		299.2	
Short	100.7	36%	103.8	35%	109.0	37%	103.8	35%	110.9	37%
Medium	86.0	31%	92.0	31%	96.0	32%	92.0	31%	89.7	30%
Long	50.0	18%	59.2	20%	47.0	16%	59.2	20%	40.2	14%
Index-linked	30.0	11%	33.4	11%	30.0	10%	33.4	11%	30.9	10%
Unallocated	11.0	4%	8.5	3%	15.0	5%	8.5	3%	27.5	9%
Net T-bill sales	0.0		3.0		12.5		3.0		5.0	
Total financing	277.7		299.9		309.5		299.9		304.2	
DMO net cash position	2.3		2.3		2.3		-4.4		2.3	

Source: Debt Management Office, BofA Global Research

BofA GLOBAL RESEARCH

Rate forecast revisions: marking-to-market post macro data & Spring Forecasts

Our economists continue to expect the next Bank Rate cut in May after this week's decline in February headline inflation and more backloaded than expected fiscal consolidation measures in the Spring Forecast (see [Inflation Review](#) and [Spring forecast Review](#), both 26 March). More data points on inflation and labour market, along with tariff news, will be important for May rate cutting prospects. Our base case remains three cuts this year and one in 2026, with risks tilted towards less. Our front-end Sonia forecasts lie increasingly below the forwards through forecast horizon given current market pricing of just under 50bp of cuts priced in for 2025 and terminal at around 4%.

Our forecasts imply more 2s10s Sonia steepening than the forwards, stemming mostly from our bullish front-end forecasts relative to forwards. We are broadly neutral Sonia relative to the forwards in the 10y, but pencil in some Gilt performance relative to swaps in the shorter end of the curve. We expect the DMO to deliver on their increased flexibility to vary the split of issuance and the mix of distribution methods during the year, helping to cap duration supply concerns into Autumn and beyond (for 30y, we think good news are now in the price). BoE QT slowdown in September and/or de-regulatory potential on the back of developments in the US are other potential upside risks.

Exhibit 10: BofA Gilt and Sonia yield forecasts, %

Our forecasts imply more 2s10s Sonia steepening than the forwards, stemming mostly from our bullish front-end forecasts relative to forwards

	Gilts					Sonia			
	Q2 2025	Q3 2025	Q4 2025	Q4 2026		Q2 2025	Q3 2025	Q4 2025	Q4 2026
Bank rate	4.25	4.00	3.75	3.50	3m Sonia	4.10	3.85	3.60	3.50
2y	4.00	3.70	3.55	3.55	2y	3.85	3.60	3.50	3.50
5y	4.35	4.30	4.30	4.30	5y	4.10	4.10	4.10	4.10
10y	4.75	4.70	4.65	4.65	10y	4.25	4.25	4.25	4.25
30y	5.30	5.30	5.30	5.30	30y	4.50	4.50	4.50	4.50

Source: Bloomberg, BofA Global Research

BofA GLOBAL RESEARCH



Rates – AU

Oliver Levingston
Merrill Lynch (Australia)

Johnny Liu, CFA
Merrill Lynch (Australia)

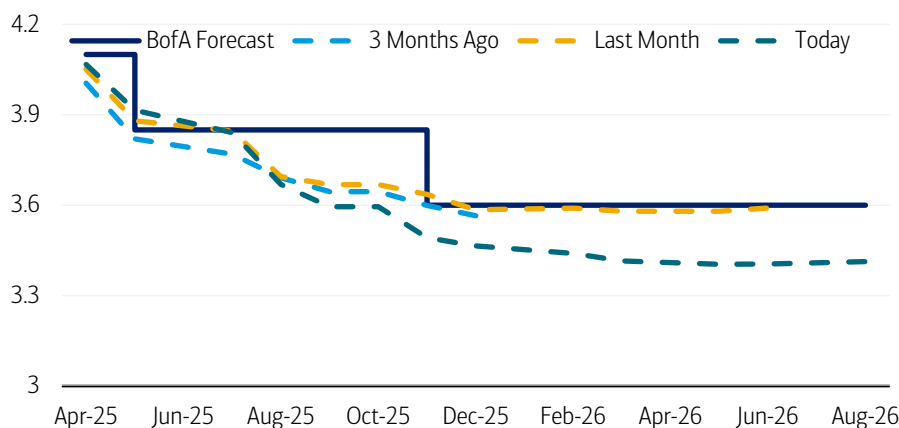
- We see the RBA on hold in April but continue to expect a cut in May
- We reiterate our long bias through buying YM, hedged by paying August '25 RBA.

Australia: No cut in April? April Fool's

We expect the Reserve Bank of Australia (RBA) to hold the cash rate target at 4.1% at its March 31 – April 1 meeting, in line with consensus and market pricing (Exhibit 11). As expected, a slightly weaker-than-consensus monthly CPI print (2.7% vs 2.8% expected) was not enough to move the market but a drop in monthly jobs growth and weak CPI sets the stage for a rate cut in May. Our economists expect the RBA to cut in May and November. The statement and press conference are likely to suggest a gradual approach to easing. Communications about this week's budget could skew the statement or press conference a bit more hawkish. Monthly CPI and weak AU jobs growth are a risk to the downside (i.e. more dovish communication) but we think this is less likely.

Exhibit 11: RBA cash rate market pricing vs BofA forecasts (%)

Markets are pricing more cuts near-term and rates to come lower



Source: Bloomberg

BofA GLOBAL RESEARCH

Reiterate our long bias: Buy YM, hedged by paying RBA

We continue to recommend buying YM and hedge the risk by paying August '25 RBA OIS. The primary impulse for the trade is our view on global rates: elevated slowdown risk in the US means we retain our long bias, especially into April 2 tariff announcements. Yet weak monthly CPI and an ambiguous signal from the last AU jobs report increases our conviction in remaining long. We like the risk/reward of YM longs with 3y rates comfortably above the RBA's estimate of neutral rate and our economists' forecast for terminal RBA cash rates.

Since entering the trade, the structure has moved from -8bps to -12bps (4bps closer to our target) alongside a global rally in front-end rates and slightly weaker AU data (jobs, monthly CPI). The structure will trade long (i.e. outperform in a global rates rally, underperform in a sell-off). This feature should become more exaggerated with the passage of time. That is, as we get closer to August, YM will move in a wider range vs Aug RBA OIS. Our thesis is that slowdown risks will become more exaggerated over time but the risk to the trade is that soft survey data does not translate into hard data over the coming months. The trade is currently -12bps, vs open: -8bps; target: -50bps and stop: 10bps. Risk: hawkish communication from the RBA or strong US data.



ACGB f'casts: lower rates, same x-mkt spread to USTs

Our US team has lowered their rates forecasts and we revise our ACGB forecasts to maintain our forecast for cross-market spreads (Exhibit 2) We now revise our 10y end '25 forecasts from 4% to 3.75% and our end-'25 2y forecasts from 3.5% to 3%.

Exhibit 12: BofA AU rate forecast revisions

We forecast modestly lower 10y rates in the near term

BofA ACGB Forecasts (%)						
	2025	3Q25	4Q25	1Q26	2026	4Q26
2y Govt	3.50	3.25	3.00	3.05	3.10	3.25
5y Govt	3.60	3.40	3.20	3.25	3.30	3.40
10y Govt	4.05	3.90	3.75	3.80	3.85	4.00
30y Govt	4.70	4.45	4.25	4.20	4.20	4.30
Change (%)						
	2025	3Q25	4Q25	1Q26	2026	4Q26
2y Govt	-0.50	-0.50	-0.50	-0.45	-0.40	-0.25
5y Govt	-0.55	-0.50	-0.45	-0.40	-0.35	-0.25
10y Govt	-0.45	-0.35	-0.25	-0.20	-0.15	0.00
30y Govt	-0.30	-0.30	-0.25	-0.30	-0.30	-0.20

Source: BofA Global Research

BofA GLOBAL RESEARCH

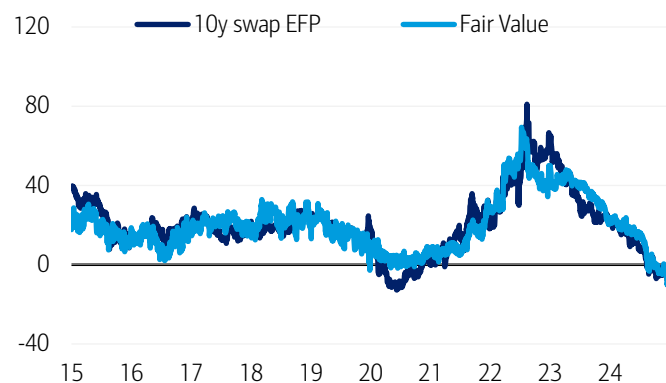
Budget review: back in the red

Australia's pre-election budget focused market attention on swap EFP ([Australia Watch 25 March 2025](#)). Net bond supply over the forward estimates were broadly unchanged from the last budget update in Dec '24 but client feedback has focused on the expansionary impulse of fiscal spending ahead of Australia's 3 May 2025 federal election. 10y bond futures are now trading at their cheapest vs swaps in history. Election campaigns are typically characterized by expansionary, rather than contractionary commitments and we see a near-term risk of curve steepening/ swap spread tightening.

Yet the YM/XM curve has steepened beyond our near-term expectations and our fair value estimate (c. -6bps) for 10y swap EFP suggests bonds are trading too cheap vs swap so these risks may already be priced in. the residual (spread vs fair value) is within 1 st. dev. of historical ranges so we have a bias to be paid but there is no clear signal to pay or receive at this point (Exhibit 13 Exhibit 14).

Exhibit 13: 10y swap EFP fair value estimate

10y swap EFP is trading slightly rich vs fair value (c -6bps vs -13bps)

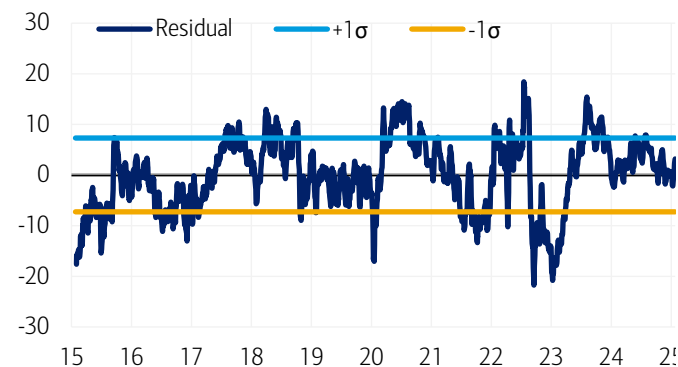


Source: Bloomberg

BofA GLOBAL RESEARCH

Exhibit 14: Residual, 10y swap EFP fair value framework

We see richer bonds to swap but there is no trading signal now



Source: Bloomberg

BofA GLOBAL RESEARCH

Rates – JP

Shusuke Yamada, CFA
BofAS Japan
shusuke.yamada@bofa.com

Tomonobu Yamashita
BofAS Japan
tomonobu.yamashita@bofa.com

- We discuss flows and trades for Japan's new fiscal year starting next week.
- We recommend buying 10s20s JGB curve flattener.

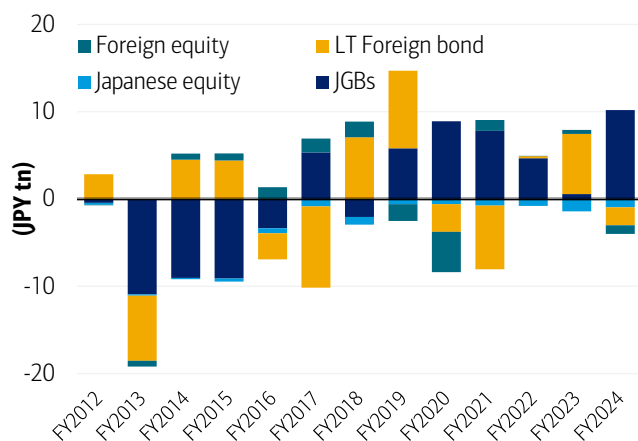
This is an excerpt from [Liquid Insight, 25 March 2025](#)

Recommend 10s20s JGB curve flattener

Japan's new fiscal year starts next week. We discuss how the start of the new fiscal year affects domestic flows. Lifers' demand for foreign bonds may emerge but selectively and conditional on market volatility with hedged demand more likely in the EUR space while USD/JPY's and EUR/JPY's dip would be bought for unhedged investments. We see a scope for JGB curve flattening.

Exhibit 15: Japanese banks' annual investment by asset class

Regional banks have increased their JGB investment in FY24

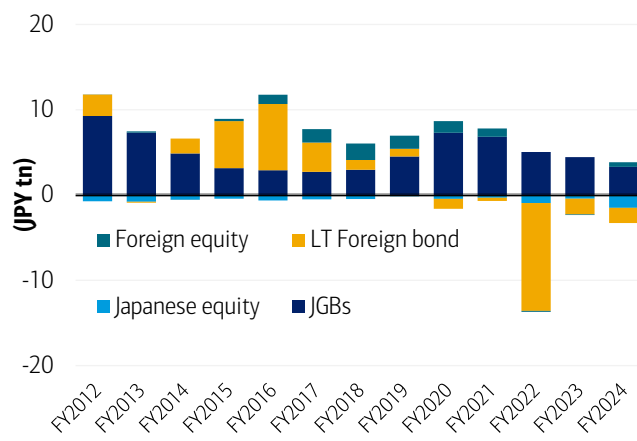


Source: Japan Securities Dealers Association (JSDA), Japan Exchange Group (JPX), Ministry of Finance (MoF), BofA Global research
Note: Number for FY24 is annualized volume from Apr to Feb

BofA GLOBAL RESEARCH

Exhibit 16: Japanese insurers' annual investment by asset class

Life insurers' demand for JGB has been cut back since peak in FY20



Source: JSDA, JPX, MoF, BofA Global research
Note: Number for FY24 is annualized volume from Apr to Feb

BofA GLOBAL RESEARCH

Lifers' demand for superlong JGBs to improve in new year but slowly

We expect lifers' demand for JGB to improve after the new year starts next week.

- Convexity-related selling in duration should subside as volatility has peaked out.
- The 30yr JGB yield, at 2.6%, and the 20yr yield, at 2.3% are at their highs during the 2006-2007 hiking cycle. The coupon rate for 30yr and 20yr bonds to be issued in Apr could be 2.6% and 2.3%, highest in 20 years. The superlong sector also appears cheap on the curve and vs swap.
- Lifers' liability cost would be lower than the current superlong yields¹.
- A proper tightening cycle tends to flatten the curve in DM markets. The BoJ frequently quotes their previous study, which showed various estimates of the real

¹ In an article by Reuters in Oct 2024, lifers' liability cost was said to be 1.8%. See: <https://jp.reuters.com/opinion/forex-forum/HTJZ166QUNL6PJ3QI3IGKDEOEU-2024-10-30/>



neutral rate for Japan ranging from -1.0 % to +0.5%. Assuming a range of nominal neutral rate of 1-2.5%, the 20yr yield at 2.3% and the 30yr yield at 2.6% may no longer be seen expensive especially relative to the 10yr sector (1.5%).

As lifers have been slow to buy JGBs, their lending in the call market increased in 2H24. We think lifers will reduce the cash balance and increase JGB investment in the new fiscal year. However, lifers' demand may not rise all at once. Uncertainty around BoJ policy remains high and the terminal rate assumption may differ across investors.

Therefore, there is still uncertainty around where demand emerges and how strong it will be. While we expect some demand for superlong JGBs from lifers and a scope for flattening, the steepening from mid-Feb may not be fully retraced given increased domestic political and fiscal uncertainty.

Banks' demand may rise but more so with 10yr yield > 1.75%

With the 10yr JGB yield above 1.5%, banks may also buy JGB's dip. That said, if they assume a 1.5% terminal rate, our base case, the current yield at 1.5% may not appear attractive yet. Some clients see the risk of even a higher terminal rate – for example 2%. From this perspective, demand for 10yr JGB may rise but gradually and more so if the yield rises to 1.75% and increasingly so if the yield rises to 2%, which would grant zero real interest rate under a 2% inflation scenario.

Domestic banks also focus on the interim quantitative tightening (QT) assessment at the 16-17 June Monetary Policy Meeting (MPM). As deputy governor Uchida indicated on 5 March², the stock effect depresses the JGB yields, especially for maturities up to 10yrs in our view, while at the March MPM, BoJ governor Ueda signaled continuation of bond purchase reductions in FY2026. The BoJ's pace for Rinban reduction from April 2026 and its terminal offer amounts for each maturity have been key uncertainty for bond market participants (for details, see [Japan Watch: BoJ review: Watching and waiting 19 March 2025](#)).

Trade recommendation: 10s20s JGB curve flattener

We recommend 10s20s flattener in JGBs via long JL191 maturing 20 December 2044 vs. short JB377 maturing 20 December 2034. We enter the trade at 73.0bp, targeting 60.0bp with a stop at 79.5bp.

The 10yr yield has a scope to rise given 1) still low level relative to our terminal rate assumption; 2) the BoJ's de facto QT, which would weigh over the 10yr and shorter sector more than the superlong sector. Meanwhile, the 20yr JGB may be relatively supported due to 1) the level that appears more consistent with a 1.5% terminal rate than the 10yr JGB and attractive relative to lifers' liability cost; 2) lifers' potential demand for new fiscal year; 3) a bigger scope for falling for the superlong-end in case of a severe global risk-off.

Risk is increased fiscal risk premium on the back of political uncertainty and delayed rate hikes by the BoJ amid the yen weakness.

² "The Bank's purchases of Japanese government bonds (JGBs) have compressed the term premium, mainly through the impact based on the amount outstanding of its JGB holdings (the stock effect)" https://www.boj.or.jp/en/about/press/koen_2025/data/ko250305a1.pdf

Rates – CA

Ralph Axel
BofAS

Katie Craig
BofAS

This is an excerpt of the CA rates section in [Searching for reciprocity](#)

Themes: tariff risk weighs on rates

Market pricing of BoC terminal, the expected stopping point for the cutting cycle, has continued to trend lower to 2.37% (versus 2.75% spot), even as inflation has surprised higher. Terminal has fallen from over 3% in Jan, largely reflecting fear of trade war impacts and an anticipated dovish policy response.

Policy uncertainty has been a clear driver this year with CAD rates shifting 10-40bps lower YTD with a substantial curve steepening. Canadian swap spreads have also tightened on tariff risk which could drive more govt bond supply on fiscal stimulus.

The terminal rate spread between the BoC and Fed, which we use as a proxy for the US-CAD 10y rate differential, has tightened from a peak of 153bps on Jan 31 to 116b currently, largely on the back of weaker data in the US. Despite this decline, the 2y1y CAD-US terminal rate spread is still at historical wides. We expect it continue to compress closer to recent historical norms of circa 50bp.

If the expected policy rate differential continues to narrow, it should favor a 2-10 CAD curve flattener vs a 2-10 US curve steepener. This would express our view that 1) if tariffs are bad, the US could wind up cutting more than expected while CAD delivers more along the forwards, or 2) if US-CAD trade tensions subside, the CAD curve can price out more cuts while the slowing US trajectory continues for other reasons including policy uncertainty around health care and reduced government spending.

Forecasts: in line with forwards

Our rates forecasts are now in line with the forwards. We revised rates forecasts lower after our economist adjusted BoC call for a 2.5% terminal.

Risks: skewed to the downside

We see risks to our forecasts as skewed to the downside given potential for further BoC cuts if tariffs prove to be more permanent.

Exhibit 17: Bank of Canada balance sheet projection

BoC ended QT, will keep BoC settlement balances flat to GDP starting in Mar



Source: BofA Global Research, Bloomberg, Bank of Canada

BofA GLOBAL RESEARCH

Exhibit 18: Government bond yield forecasts

Our rates forecasts are in line with forwards and 1 more cut expected in '25

	Q2 25	Q3 25	Q4 25	Q1 26
2y	2.50	2.50	2.50	2.50
5y	2.65	2.70	2.75	2.80
10y	3.00	3.05	3.10	3.15

Source: BofA Global Research estimates

BofA GLOBAL RESEARCH

Exhibit 19: Swap rate forecasts

We see 10y swap spreads at 2.84% by year-end '25

	Q2 25	Q3 25	Q4 25	Q1 26
2y	2.37	2.37	2.37	2.37
5y	2.43	2.48	2.53	2.58
10y	2.74	2.79	2.84	2.89

Source: BofA Global Research estimates

BofA GLOBAL RESEARCH



Front end – US

Mark Cabana, CFA
BofAS

Katie Craig
BofAS

Ralph Axel
BofAS

- While we continue to expect a late debt limit resolution ahead of the August X-date, recent headlines highlight the risk of an earlier debt limit resolution.
- An earlier DL resolution poses a challenge to crowded front end spread longs & makes us less constructive on front end spread widening

Originally published in [Debt limit timing shifts 2Y spread risks](#)

Debt limit timing risk has shifted

DC developments this week suggest increased Senate support to include a debt limit (DL) increase in their budget resolution draft. The Senate would reportedly like to vote on this resolution before Easter & then work with the House to finalize & start drafting the law. This raises the risk of an earlier debt limit resolution, potentially as soon as Memorial Day. DC developments cause us to increase odds of DL resolution by Memorial Day up to 40% & reduce our baseline of a late July / early August increase to 60% odds. We hold our X-date in late August, well within CBO projections.

Earlier debt limit risk lowers front end spread conviction

The earlier DL resolution risk lowers our conviction in being long front-end spreads. Earlier DL resolution means fewer bill cuts, less drawdown in TGA, & a shorter period of easy funding. Client feedback also suggests the front end spread long is a crowded & frustrated trade. We find the risk / reward in this trade to be less favorable, especially given the very large bill issuance expected after DL resolution.

Funding has been sticky & window to drop is narrowing

Clients report frustration with relatively sticky high funding conditions despite recent bill supply cuts (see [Funding notes](#)). We still expect funding to soften once we are past the typical quarter-end dynamics & net UST supply turns negative from April – June, but the window for the soft funding period is at risk with shifting odds of DL resolution timing.

Lower bill paydowns => higher TGA => tighter funding

An earlier debt limit resolution risks less TGA drain and fewer bill cuts than in our base case forecast. A late May debt limit resolution would imply a higher TGA trough vs our base case scenario (Exhibit 20) due to significantly fewer bill paydowns (Exhibit 21).

Early debt limit resolution is risk to spread widener

An earlier debt limit resolution is a developing risk for the crowded front-end spread long. A sudden suspension or increase in the debt limit could result in a sharp tightening on the unwinds. To help inform our analysis we ran 2 regressions that compared 2y swaps spreads to (1) UST bill supply and (2) marketable debt outstanding ex Fed under both a May DL resolution scenario and an August DL resolution scenario. We found that an earlier DL resolution would imply 1-4bp tighter 2y swap spreads (Exhibit 22, Exhibit 23).

\$4tn DL increase could become constraining by Nov '26

The current House reconciliation bill that is being considered in Congress includes a \$4tn debt limit increase. A reconciliation bill allows for Republicans to raise the debt limit



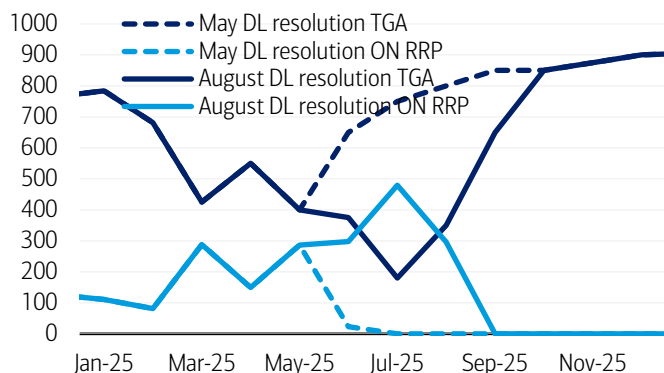
with a simple majority, instead of the typical 60 votes needed in the Senate. Precedent around debt limit increases under reconciliation have historically been a \$ increase, rather than a suspension, which leads to greater uncertainty around the timing of the next debt limit episode.

We estimate that a \$4tn DL resolution would likely mean the Treasury will hit the debt limit again sometime between Nov '26 and Mar '27 depending on how deficits develop. The risk of hitting the debt limit again in Nov '26 around mid-term elections would be politically challenging for Congressional re-elections.

Bottom line: While we continue to expect a late debt limit resolution ahead of the August X-date, recent headlines highlight the risk of an earlier debt limit resolution. An earlier DL resolution poses a challenge to crowded front end spread longs & makes us less constructive on front end spread widening.

Exhibit 20: ON RRP & TGA forecasts in different DL scenarios (\$bn)

A May DL resolution would be a higher TGA trough and lower RRP peak

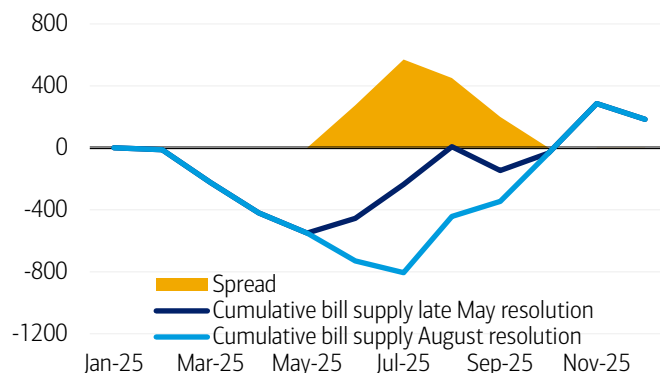


Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 21: Bill supply forecasts in different DL scenarios (\$bn)

A May DL resolution would mean up to \$570b fewer bill cuts vs Aug

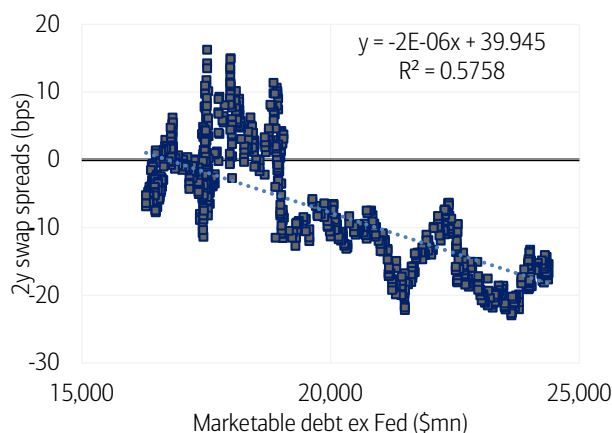


Source: BofA Global Research, US Treasury

BofA GLOBAL RESEARCH

Exhibit 22: Marketable debt ex Fed vs 2y swap spreads

This regression implies swap spreads up to 1bp tighter if May DL resolution

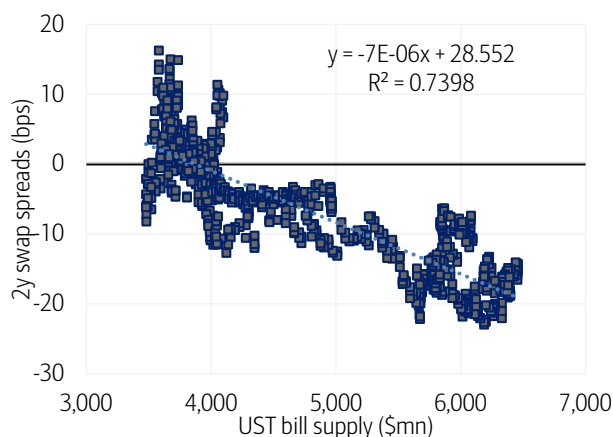


Source: BofA Global Research, Bloomberg, Haver Analytics

BofA GLOBAL RESEARCH

Exhibit 23: UST bill supply vs 2y swap spreads

This regression implies swap spreads up to 4bp tighter if May DL resolution



Source: BofA Global Research, Bloomberg, Haver Analytics

BofA GLOBAL RESEARCH



Spreads – EU

Ronald Man
MLI (UK)

Sphia Salim
MLI (UK)

- German swap spreads tightened vs US, which can tighten the EURUSD xccy basis
- We see room for 10y xccy basis to tighten c. 11bp but are mindful of three risks to this view

This piece was originally published in [Scope for 10y EURUSD xccy basis tightening 27 Mar '25](#)

German swap spreads tightened vs US...

Swap spreads in the US and Germany so far this year have been driven by expectations over US deregulation, US deficit, and European defence spending. On a relative basis, German swap spreads cheapened more vs US swap spreads in the 5y and 10y than the 2y: the 10y German swap spread is c. 15bp tighter than the 10y US swap spread YTD (Exhibit 24). In contrast, the 2y relative swap spread is largely unchanged YTD.

... which can tighten the EURUSD xccy basis

Relative swap spreads can explain between 80% and 90% of recent EURUSD xccy basis levels (Exhibit 25 and Exhibit 26). As German swap spreads tighten vs US swap spreads, issuers may find it more attractive to raise euros by issuing US dollar debt and swap the dollar proceeds into euros, rather than issuing euro debt directly. Investors may also obtain a higher FX-hedged pickup from German assets over US assets, all other things being equal. Both types of transaction may raise demand to borrow euros via the EURUSD xccy basis market and put tightening pressure on the basis.

We see room for 10y xccy basis to tighten c. 11bp...

The YTD tightening in the 10y German swap spread vs US swap spreads would imply c. 10bp tightening in the basis based on their historical relationship. But the xccy basis widened 1bp YTD. Therefore our calculations suggest room for c. 11bp tightening in the 10y EURUSD xccy basis based on swap spreads alone (Exhibit 27). The same analysis suggests room for c. 8bp of tightening in the 5y EURUSD xccy basis.

... but are mindful of three risks to this view

Our calculations assume relative bond asset swap valuations do not change further. This may be challenged and we see three risks to this view if 1) US swap spreads tighten on the reversal of widening associated with deregulation expectations, 2) the return of fears of high US deficit paths (see [US Rates Watch, 13 March 2025](#)), and 3) if euro credit spreads remain resilient and US credit spreads condition to widen (Exhibit 28).

Front-end basis fair from swap spread perspective...

At the 2y, we see little discrepancies between 1) YTD movements in the xccy basis, and 2) what YTD relative swap spread movements imply.

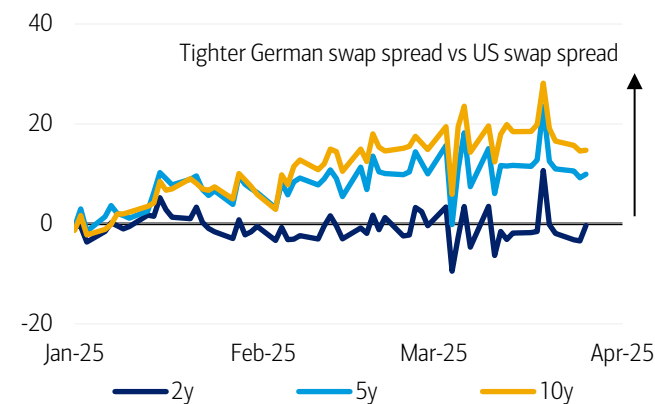
... but tightening pressure may build from QT divergence

The US Federal Reserve announced a reduction in its pace of QT and our US colleagues now expect QT to end in December 2025 (see [US Rates Watch, 19 March 2025](#)). In Europe, our base case remains for the ECB to continue QT in the foreseeable future. This means euro reserves will become increasingly scarce vs US dollar reserves, especially as the US TGA is drawn down (Exhibit 29), which we expect to sustain tightening pressure at the front-end of the EURUSD xccy basis curve and the EUR FX-Sofr basis.



Exhibit 24: YTD cumulative change of US-German swap spread, bp

German swap spreads tightened most vs US at back-end

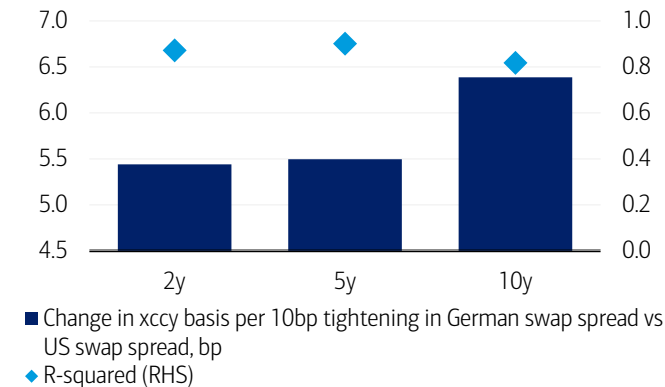


Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 26: Sensitivity of EURUSD xccy basis to relative swap spread

Relative swap spread explain between 80% and 90% of recent xccy levels

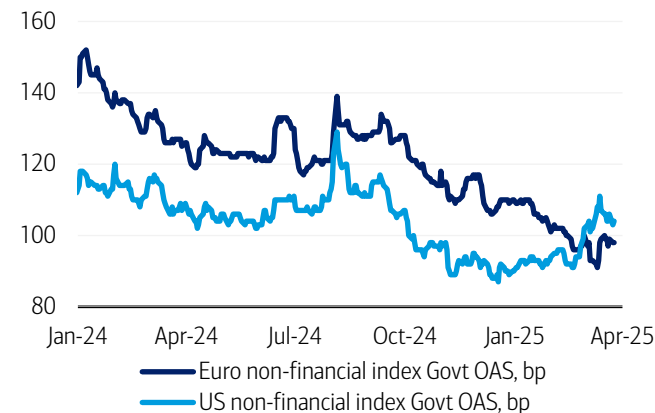


Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 28: Euro and US non-financial index Govt OAS, bp

Credit spreads in the US widened recently

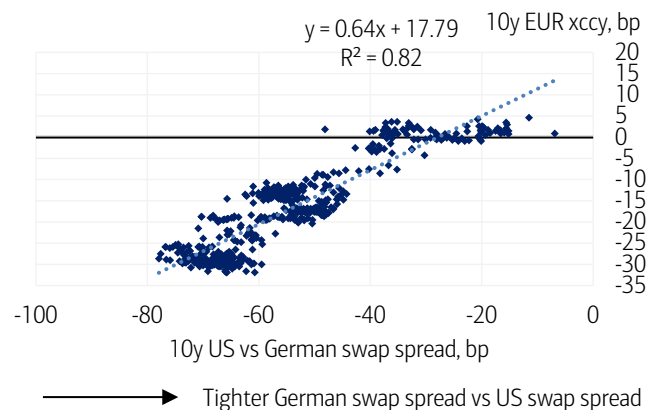


Source: BofA Global Research, Bloomberg, ICE Data Indices, LLC

BofA GLOBAL RESEARCH

Exhibit 25: 10y EUR xccy basis and 10y US vs German swap spread, bp

Tighter German swap spreads vs US associated with tighter xccy basis

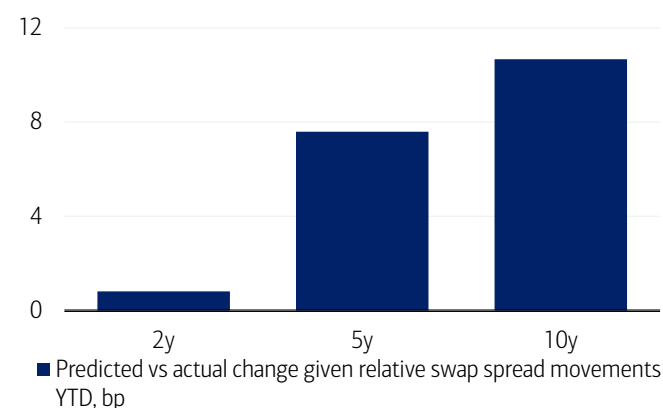


Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH

Exhibit 27: Predicted vs actual change in EURUSD xccy basis, bp

We see most room for further tightening of the basis at 10y

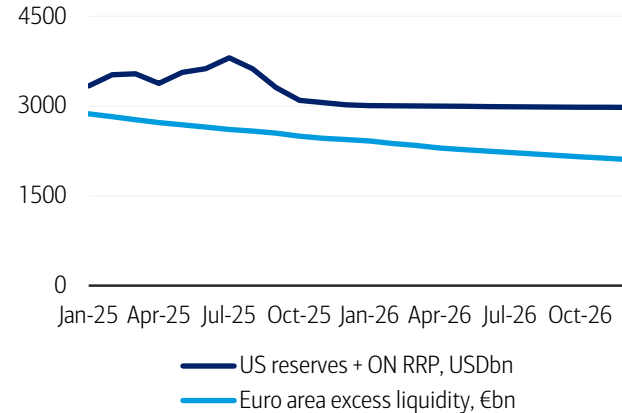


Source: BofA Global Research

BofA GLOBAL RESEARCH

Exhibit 29: US dollar and euro reserve outlook, LCCYbn

We see tightening pressure on the xccy basis from QT divergence



Source: BofA Global Research, Bloomberg

BofA GLOBAL RESEARCH



Technicals

Paul Ciana, CMT
BofAS
paul.ciana@bofa.com

The following is an excerpt from the [Technical Advantage: Liberating Levels 27 March 2025](#) report. Please see this report for all the technical charts and more detail on each asset summarized below.

Summary: Macro technical strategy begins here

In 2025 we strive to evolve the Technical Advantage report into a multi-asset class recap of technical views heading into or out of macro events and key data releases. Over time and as the charts prove to be technically relevant, we will swap assets in and out. A summary of our shorter-term multi-asset technical observations follow as markets head into so-called Liberation Day on April 2nd and US labor market data on April 4th.

US 10Y Yield: Possible top if below 4.45-4.50%

Our view was to fade the YTD decline in the 4.20s and look for a bounce back in March. This has occurred. Yield is approaching technical resistance at about 4.45%. While below, a head and shoulders top may form. But if it breaks higher above the declining trend line and 50d SMA, upside risks develop. The left shoulder high at 4.50% is the last textbook level that could be considered for a top formation or 4.10-4.50% range. Above 4.45-4.50% and risk tilts to higher yields into May such as 4.66%, 4.80% and maybe 5.00%.

US 5s30s: Year ahead target of 60bp reached, raise stop

Our top 2025 year ahead trade was a 5s30s steepener. We remain of the view that the curve steepens over the medium-term and take this opportunity to again raise our stop to 45bps, which is just below the last tail low on March 19 of 47bps.

Euro has run ahead of the 2017 analog, buy the dip

We're bullish euro since the hammer candle at the 1.02 Fibonacci retracement level and the subsequent double bottom that followed. The 4Q16-1Q17 analog continues to repeat which means euro continues higher in 2Q25-3Q25. We're buyers on dips at key levels such as 1.0727, 1.0644 and 1.0548 and look up to levels such as 1.10, 1.1150, 1.1205. Below 1.05 would be a concern. If the size of the rally in 2017 repeats, euro can see upside of 17-21% which puts the 200m SMA near 1.20 on our radar in a years' time.

S&P 500: April seasonal showers must hold 5500 support

In the short-term, we expect April seasonal weakness to result in a retest of the 5500-5512 support level. From here, we look for signals of a double bottom and resumption of a 2Q18-3Q18 repeat rally. However, we're in a cyclical bear market. A break of support at 5500 means no early bottom and creates downside risks to 5392 and the 5120s.

LME 3m Copper: No bullish breakout, two sell signals

After forming a head and shoulders base in Nov-Feb with upside to about 9800, copper prices continued further to retest the trailing highs at about 10158. Markets bearishly reversed as a TD Sequential sell signal and bearish MACD cross occurred. Altogether this suggests copper prices are mean reverting / retracing the prior up move to levels such as 9625 and possibly 9460 (provided no sustained breakout higher occurs soon).



Rates Alpha trade recommendations

Exhibit 30: Global Rates Trade Book - open trades

Open trades

	Open Trades	Entry Date	Entry	Target	Stop	Latest Level	Trade rationale	Risk
Europe	Long EU 30y vs Netherlands	28-Mar-25	72	60	80	72	EU cheap to NL, on supply concerns	Large increase in EU bond supply
	Long 15y OAT May-42	21-Mar-25	3.84	3.5	4.05	3.86	Long duration + a tactical bullish view on FR	FR political risks, larger long end EGB supply
	Receiving 6m1y EUR vs CHF	14-Mar-25	176bp	130bp	200bp	176bp	Continued ECB easing and SNB pause	Negative SNB policy rate
	US-Euro 2y3y inflation widener	7-Mar-25	28bp	50bp	15bp	42.4bp	Inflation view; roll-down	US recessionary threat
	BTPei 2039 iota narrower	7-Mar-25	25.4	17.0	30.0	23	Index events	Heavy BTPei 2039 supply
	6m5y 1x1.5 rec	5-Feb-25	0bp	14bp	-10bp	0.3bp	Repricing of ECB terminal lower	Rally beyond downside breakeven
	EUR 3m2y payer fly	16-Jan-25	12.4	35	2	3.6	Hedge against front-end sell-off due to inflation	Downside surprises in inflation
	Receive Dec ECB €str	2-Jan-25	1.77	1.3	2.18	1.85	ECB to cut Depo to 1.5%	Upside surprises in inflation prints
	Pay 10y real Sofr, rec. 10y real €str	24-Nov-24	-112	-180	-80	-85	Trend in global imbalances	Severe global risk-off event
	Short 1y1y vs 1y10y vol	24-Nov-24	6.5bp	20bp	-10bp	19bp	Underperformance of left side on dovish ECB	Hawkish policy shift
	Long 30y Bunds vs Netherlands	24-Nov-24	14.5	25	8	9	Fade the cheapness of GE long-end	Change in German constitution
	Pay 1y1y Euribor-€str basis	24-Nov-24	21.5	30	17	22	Reduced liquidity, increased term funding cost	New ECB LTROs / early end to QT
	5y1y ATM-25/-100bp rec spread	8-Feb-24	25bp	60bp	0	21bp	Lower ECB terminal rate, without negative carry	Better than expected EUR data
UK	Long 5y Greece vs Portugal	19-Nov-23	42	0	65	11	Reduced supply in Greece, increased in Portugal	General sharp risk-off, high GR supply
	Receive UKTi 2036-2042 fwd real yield	28-Feb-25	267	200	300	285	Bullish call; roll-down	Heavy duration supply in FY25-26
	Long G vs. WN invoice spreads	28-Feb-25	13.9	30	5	23	Differing outlook on de-regs, supply & QT	Broad market risk-off
	Short 5y RPI	29-Jan-25	396	350	450	377	BofA forecast inflation profile	Trade war price disruption
	Long UKT 0 1/8% 2028 vs. UKT 4 3/8% 2028 on ASW (on z-spd)	24-Jan-25	-29	-40	-24	-32	Retail demand for low coupon Gilt	Change in the tax treatment of Gilts for retail
	UKTi 2037/39 real curve flattener	24-Oct-24	17	9	25	20	Attractive level; low coupon value	Supply related dislocation
	UKTi 2032/36/47 barbell (+43.8%/-100%/+56.2% risk)	05-Sep-24	14.8	5.0	20.0	17	Expect forward flattening	Illiquid conditions
	Short Sonia 3s5s7s (pay 5s)	05-Sep-24	-12	10	-21	-3.9	Mortgage paying flows	Stamp Duty tax rise at the Oct budget
	Pay 5y real Sonia, receive 5y real €str	21-Aug-24	43	-40	90	5	Supply, relative central bank policy	UK recessionary threat
	Sell UKTi 2036 v UKT 2042 on ASW	26-Jul-24	-21.0	-8.0	-28.0	-25.5	Historical extreme spread	Poor nominal auction demand
US	UKTi 2052/68 yield flattener	20-Feb-24	-13	-35	0	27	Light ultralong supply, convexity	Illiquid market conditions
	6m5y payer ladder	7-Mar-25	0bp	25bp	-10bp	3bp	Repricing of Fed policy through higher	Selloff beyond downside BE
	6m1y rec spd	21-Jan-25	11bp	25bp	-11bp	15bp	Higher slowdown likelihoods	Limited to upfront premium
	3m2y receiver spd vs 3m2y payers	21-Jan-25	0bp	30bp	10bp	13bp	Higher slowdown likelihoods	Selloff on American exceptionalism
	Sell 1m10y vs 6m10y receiver	21-Jan-25	0bp	20bp	-10bp	11bp	Higher slowdown likelihoods	More significant rally near vs medium term
	1y1y receiver 1x1.5	12-Dec-24	9bp	60bp	-15bp	-6bp	Hedging slowdown scenarios	Aggressive hard landing scenarios
	1y fwd 5s30s bear steepener	24-Nov-24	0bp	30bp	-15bp	13bp	Term premium build & reacceleration scenarios	Bear flattening on hawkish Fed
	1y10y payer spd vs 3m10y payer	24-Nov-24	0bp	30bp	-15bp	-2bp	Higher recalibration/reacceleration likelihoods	Frontloaded sell that fades medium term
	1y1y straddles vs strangles	24-Nov-24	+0.31% /vega	20bp str /vega	-10bp str /vega	0.29%	Long vol of vol	Lower vol of vol
	Long 5y30y vol vs 2y30y vol	24-Nov-24	+5.5bp vega	15bp vega	-10bp vega	1bp	Vega supported bearish tail scenarios	Outperformance of intermediate vs long vega
	1y4y inflation swap long	14-Nov-24	2.56	3.0	2.25	2.46	Higher inflation on tariffs, fiscal, immigration	Increase in harder landing risk
	Mar/Sep SOFR/FF '25 curve flattener	13-Sep-24	0 bps	-3.5bp	+2bp	-3bp	Mar will widen w/ bill paydowns & TGA decline.	early debt limit resolution or SOFR spike
	2y forward, 3s28s inf steepener	4-Sept-24	0bps	30bps	-15bps	-4bp	Reversion to historical inflation curve structure	Higher inflation expected in 2-5y vs longer term
APAC	1y fwd 2s10s floor ladder	28-May-24	20bp	-40bp	-60bp	9bp	Hedging hawkish fed scenarios	Unlimited downside in Inversion > -80bp
	5s30s steepener	6-Oct-23	-20	90	-20	60	Lower carry hurdle & more balanced pricing cuts	Fed needs to hike more than priced
	3y1y rtr spd a/-50bp	6-Nov-23	pay 23bp	50bp	-23bp	0bp	Soft landing scenario	Capped to premium
	Long 1y10y rtp spd vs 4m10y rtp	3-Jul-24	0bp	20bp	-10bp	-7bp	Bearish election risks medium-term	Frontloaded bearish risks
	10s20s JGB curve flattener	25-Mar-25	73	60	79.5	70.2	BoJ's de facto QT would raise 10yr yields while we expect lifers' demand for superlongs to improve	Increased fiscal risk premium and delayed rate hikes by BoJ
	AU 6m3y receiver 1x1.5	27-Mar-25	4bp	30bp	-15bp	4bp	Dovish repricing of RBA terminal	Hawkish RBA shift
	Buy AU 3y (YM), pay Aug '25 RBA	05-Mar-25	-8bp	-50bp	10bp	-16bp	YM trading cheap and global risks are rising	Strong NFP, market repricing of slowdown
	2yr fwd 2s10s OIS flatteners	19-Feb-25	40	25	47.5	41.7	BoJ is likely to continue its policy normalization	Global economy slowdown
	JP 1y2y payers spd vs 1y10y payers	24-Nov-24	0bp	40bp	-15bp	1bp	Bear flattening of the curve	Lagging BoJ & curve bear steepening
	JP 1y5y payer ladders	24-Nov-24	0bp	28bp	-10bp	1bp	Repricing of policy trough	Underperformance vs. downside b/e
APAC	KR 1y fwd 2s10s bull steepeners	24-Nov-24	0bp	25bp	-10bp	2bp	Dovish BoK and bull steepening	Hawkish shift for BoK
	KR 1y5y receiver spd	24-Nov-24	-16bp	34bp	-15bp	6bp	Repricing of policy trough lower	Capped to upfront premium

Source: BofA Global Research

BofA GLOBAL RESEARCH

f



Exhibit 31: Global Rates Trade Book - closed trades

Closed trades

	Closed trades	Entry date	Entry level	Target	Stop	Close date	Level closed
Europe	Pay 1y1y CHF OIS	11-Dec-24	0.06%	0.35%	-0.10%	07-Mar-25	0.29%
	6m fwd 2s10s bull flattener <u>OTM</u>	23-Oct-24	0	900K	-500K	07-Mar-25	11K
	BTPei 2039 breakeven long	29-Jan-25	189	220	170	07-Mar-25	198
	<u>US 9m30y payer spd vs EUR payer</u>	5-Feb-25	0bp	30bp	-15bp	07-Mar-25	-15bp
	<u>Receive 5y5y 'real ESTR' rate</u>	02-Jul-24	28	-20	60	07-Mar-25	60
	<u>Pay Mar ECB €str</u>	23-Jan-25	2.44	2.55	2.37	07-Mar-25	2.42
	<u>BTPei'29/'33/'39 CDN barbell</u>	18-Oct-24	31.6	15.0	40.0	27-Feb-25	25.3
	<u>OATei '36/'40/'43 fly</u>	25-Sep-24	5.5	0.0	9.0	27-Feb-25	2.6
	<u>Sell OATei 43 vs 53 on z-spread</u>	03-Sep-24	29	15	37	27-Feb-25	28
	<u>3m2y payer fly</u>	23-Oct-24	14.7bp	40bp	3bp	16-Jan-25	16.1bp
	<u>Receive 2y1y €str</u>	2-Dec-24	1.74	1.4	1.95	2-Jan-25	2.01
	<u>Long 30y Bunds</u>	03-Sep-24	2.58%	2%	2.83%	12-Dec-24	2.44%
	<u>Received 2y1y €str</u>	03-Sep-24	2.12%	1.7%	2.4%	2-Dec-24	1.7%
	<u>EUR 1y fwd 2s10s OTM floor, funded US floor</u>	19-Nov-23	-15bp	25bp	-25bp	19-Nov-24	15bp
	<u>Receive 3y1y €str vs CAD OIS</u>	03-Sep-24	39	80	15	21-Nov-24	86
	<u>Long Schatz vs Bobl Euribor spreads</u>	31-Aug-23	3	15	-8	14-Nov-24	8
	<u>3m fwd 10s30s bull flattener</u>	23-Oct-24	0	900K	-500K	31-Oct-24	770K
	<u>Pay belly of 5s10s30s</u>	24-Jun-24	23	50	10	31-Oct-24	30
	<u>Short ATM 1y2y payer vs OTM in US</u>	03-Sep-24	0	25bp	-15bp	23-Oct-24	25bp
	<u>Receive belly of 2s3s5s PCA fly</u>	02-May-24	-20	-26	-16	21-Oct-24	-14.5
	<u>Long Schatz ASW</u>	05-Jul-24	32.4	47	24	18-Oct-24	23
	<u>Pay 9Mx12M EUR FX-SoFr basis</u>	22-May-24	-6.9bp	-2bp	-10.2bp	18-Oct-24	-1.6
	<u>1y1y/2y3y EURi steepener</u>	26-Jul-24	3	16	-5	25-Sep-24	8
	<u>EUR 2y 3s6s widener</u>	19-Mar-24	8.1	14	5	12-Sep-24	4.8
	<u>Receive 2y1y €str</u>	19-Nov-23	2.45	1.70	2.90	03-Sep-24	2.09
	<u>Long 6m7y OTM receiver vs 6m7y OTM payer</u>	24-Jun-24	0	800K	-400K	07-Aug-24	800K
	<u>Sep24 FRA-OIS widener</u>	02-Feb-24	11.3	15	5	05-Aug-24	12.5
	<u>1y fwd 2s10s EURi steepener</u>	19-Jan-24	13	30	4	26-Jul-24	17
	<u>5s10s EURi steepener</u>	19-Nov-23	8	25	-5	26-Jul-24	12
	<u>6m fwd 2s5s bull flattener</u>	20-May-24	0	300K	-150K	25-Jul-24	-150K
	<u>10s30s flattener in EUR vs US</u>	04-Oct-23	0	40	-20	24-Jun-24	7
	<u>Long OAT Apr29 vs BGB Jun29</u>	25-Apr-24	8	2	11	10-Jun-24	5.9
	<u>OATei 2029s/2053s real curve flattener</u>	16-Apr-24	37	10	50	04-Jun-24	19
	<u>OATei 2027s/2029s real curve steepener</u>	9-Feb-24	7.4	18.0	2.0	04-Jun-24	-2
	<u>Long 10y Bund vs UST</u>	13-Feb-24	182	225	155	09-May-24	200
	<u>Sell EUR 6m5y OTM payer to buy OTM payer in US</u>	19-Nov-23	0	600K	-400K	18-Apr-24	110K
	<u>Receive 2y3y €str vs SOFR</u>	04-Oct-23	104	180	60	04-Apr-24	155
	<u>BTP ASW 5s10s steepener</u>	19-Nov-23	50	75	35	04-Apr-24	55
	<u>Long DBRi 2026/short OATei 2026 on z-spread</u>	22-Mar-24	10	-10	20	04-Apr-24	14
	<u>3m1y ATM+25/+50 payer spd</u>	06-Dec-23	5	15	0	23-Feb-24	15.5
	<u>Pay Apr ECB date, receive Mar</u>	02-Feb-24	-18	0	-28	19-Feb-24	-11
UK	<u>Receive Aug MPC-dated Sonia</u>	14-Mar-25	4.07	3.95	4.13	24-Mar-25	4.13
	<u>Pay March MPC Sonia</u>	7-Feb-25	4.397%	4.468%	4.357%	20-Feb-25	4.45
	<u>1y fwd 2s10s Sonia steepener</u>	8-Nov-24	-1	25	-15	31-Jan-25	-15
	<u>Pay 5y real Sonia</u>	12-Jul-24	1	60	-30	29-Jan-25	15
	<u>Sell UKT 4.5% 2028 vs. UKT 0.5% 2029 (on z-spd)</u>	05-Sep-24	-8	-20	4	24-Jan-24	-9.2
	<u>Buy UKT 4 3/8 2054 vs. T 4 5/8 2054 on ASW</u>	12-Jul-24	1.0	-15.0	10.0	31-Oct-24	2.7
	<u>Buy UKT 5/8% 2050 vs. 4 5/8% 2034 on ASW</u>	07-Jun-24	33.5	13.0	45.0	31-Oct-24	23.8
	<u>Sell SFIM9 vs. SFIM6 futures</u>	14-Jun-24	-19.5	10	-35	09-Sep-24	5
	<u>UKTi 2032-36-42 barbell (+35%/-100%/+65%)</u>	26-Apr-24	13.6	5	18	05-Sep-24	11.8
	<u>UKTi '36/47 vs '34/46 fwd yield sprd</u>	2-Feb-24	24	8	32	05-Sep-24	16
	<u>UKTi 2036/47 real curve flattener</u>	26-Sep-23	55	30	70	05-Sep-24	51
	<u>Sell UKT4e27 v UKT1e28 on ASW</u>	10-Nov-22	1.8	-25	12	05-Aug-24	-25
	<u>Aug-Dec MPC-dated Sonia steepener</u>	19-Jul-24	-38.0	-20.0	-48.0	2-Aug-24	-40
	<u>UKTi 2029s real yield short</u>	10-May-24	21	70	-10	12-Jul-24	30
	<u>Real yield switch - UKTi 2033 into OATei 2034</u>	18-Oct-23	26	-25	50	14-Jun-24	53
US	<u>Long SFIZ4 vs. short SFIM4</u>	03-May-24	33.5	50	20	09-May-24	44.5
	<u>Pay Jun'24 BoE-dated Sonia vs Jun'24 ECB-dated Estr</u>	22-Mar-24	132	153	122	11-Apr-24	139.5
	<u>Sell Dec'24 BoE MPC-dated Sonia vs.BoC CORRA OIS</u>	06-Feb-24	14	75	-25	11-Mar-24	33
	<u>1y10y payer ladders</u>	28-May-24	0bp	37bp	-20bp	27-Mar-25	5bp
	<u>6m5y payer ladder</u>	24-Nov-24	0bp	27bp	-15bp	27-Mar-25	7bp
	<u>M5/Z6 flatteners</u>	4-Feb-25	-18	-50	10	3-Mar-25	-48.5
	<u>6m1y rtp ladders</u>	9-Aug-24	0	25	-20	9-Feb-25	16
	<u>Short 30y spreads (May '54)</u>	20-Jun-24	-80	-105	-65	06-Feb-25	-80
	<u>Receive TII 1/26 to TII 1/30 fwd real yield</u>	12-Dec-24	1.77	1.4	1.98	19-Dec-24	2.05
	<u>1y2y risk reversal</u>	24-Nov-24	0	30	-15	9-Nov-24	15

Exhibit 31: Global Rates Trade Book - closed trades

Closed trades

Closed trades	Entry date	Entry level	Target	Stop	Close date	Level closed
5s10s TII steepener	19-Nov-23	-6	50	-40	14-Nov-24	15
Long 5y30y vol vs 2y30y vol	20-Nov-22	+14bp vega	15bp vega	-10bp vega	24-Nov-24	21bp
1y fwd 2s10s cap spd a/+50bp	6-Nov-23	20bp	30bp	-20	6-Nov-24	18bp
Short 1y1y vs 1y10y vol	6-Nov-23	Rec 26bp	30bp	-20	14-Nov-24	27bp
Buy Dec TY basis	22-Oct-24	0 ticks	2 ticks	-0.75 ticks	06-Nov-24	1.5 ticks
SOFR M5-27 steepener	20-Sep-24	0	50	-30	4-Oct-24	-30
Long Mar SOFR/FF	8-May-24	-1.5bp	2bp	-3.5bp	15-Jul-24	-3.5
2-10 CAD steepener vs 2-10 US flattener	4-Jun-24	-17.2	15	-40	13-Jun-24	-10
Short 1y1y inflation swap	13-Jun-24	2.39	1.9	2.7	26-Aug-24	2.28
6m10y rtp ladders	26-Mar-24	0bp	28bp	-20bp	26-Sep-24	0bp
Long 30y BE	26-Mar-24	2.28	2.75	2.05	5-Aug-24	2.05
Oct / Nov SOFR/FF curve steepener	9-Nov-23	-0.5bp	+2.5bp	-2bp	8-May-24	-0.5bp
2y fwd 2s10s cap	8-Jul-22	45	150	-50	8-Jul-24	-15bp
SOFR/FF widener in 1y1y vs 2y1y	9-Nov-23	-0.75bp	-2.5bp	+2bp	8-May-24	-1.05bp
Long 5Y nominal	18-Apr-24	4.62%	4%	-18bp	9-May-24	4.46%
M5-M7 SOFR Steepener	13-Dec-23	-3bp	75bp	-40bp	6-Mar-24	-41bp
Long 2y inflation swap	22-Jan-24	2.20	2.60	1.90	21-Mar-24	2.55
6m2y rtp spd vs 6m2y otm rtr	19-Nov-23	0bp	55bp	-25bp	2 May-24	41bp
6m10 rtp ladders a/+32bp/+64bp	19-Nov-23	0bp	32bp	-20bp	21-March-24	15bp
Long 2y CA vs short 2y US	19-Nov-23	-39bp	-70bp	-15	14-Mar-24	-47
1y10y receiver spreads	9-Mar-23	-18bp	32bp	-18bp	9-Mar-24	-18bp
AU 1y1y risk reversal	24-Nov-24	0bp	40bp	-20bp	27-Mar-25	23bp
AU Long 1y2y AU vs US receivers	24-Nov-24	0bp	40bp	-20bp	27-Mar-25	15.5bp
Mar/Sep '25 BOB steepener	3-Oct-24	2bp	6bp	0bp	18-Mar-25	4bp
Short 5yr JGB ASW	24-Jan-25	0	8	-5	06-Mar-25	8
Receive Feb '25/ Pay Apr '25 RBA s	29-Jan-25	-11bps	0bp	-17bp	21-Feb-25	-4bp
AU pay 5y5y 6s3s	19-Nov-23	4.4bps	9bp	2bp	05-Feb-25	8.45bp
5yr20yr JGB curve flatteners	9-Jan-25	114	104	119	17-Jan-25	104
Long 20yr JGB asset swap	24-Nov-24	27	20	31	16-Jan-25	31
Receive AU 5y5y IRS vs US	11-Nov-24	107	75	123	20-Dec-24	74
Long 5yr ACGBs vs 5yr JGBs	24-Nov-24	305	280	320	13-Dec-24	320
AU Pay Feb '25 RBA, buy Sep futures	24-Nov-24	-23bp	-45bp	-12bp	10-Dec-24	-48bp
AU/JP: buy 5y ACGBs, sell 5y JGBs	24-Nov-24	352bp	305bp	375bp	10-Dec-24	305bp
KRW 1y5y receiver spd	5-Jun-24	15bp	25bp	-15bp	19-Nov-24	13bp
JPY 6m5y payer ladders	10-Jul-24	0bp	30bp	-15bp	19-Nov-24	6bp
JPY 6m7y payer ladders	23-Sep-24	0bp	13bp	-10bp	19-Nov-24	2bp
AUD 1y fwd 2s10s bull steepener	19-Nov-23	0bp	30bp	-25bp	19-Nov-24	-4bp
AUD 1y5y rtr spd a/-40bp	19-Nov-23	17.5bp	22.5bp	-18bp	19-Nov-24	12bp
AUD 1y5y rtr spd vs 3m5y rtr a-12bp	19-Nov-23	0bp	40bp	-25bp	19-Nov-24	-1bp
JPY 1y fwd 5s30s bear flattener	19-Nov-23	0bp	25bp	-20bp	19-Nov-24	-12bp
2s10s 6s3s steepener	12-Aug-24	-6bp	0bp	-9bp	19-Jun-24	-9bp
Pay Dec '24 RBA	20-Aug-24	4.125%p	4.34%	4.01%	17-Oct-24	4.27%
Sell Mar '25 futures, buy Dec '24 & Sep '25 futures	12-Aug-24	4bp	14bp	-1bp	20-Aug-24	0bp
1y1y/3y2y flattener	26-Jul-24	18bp	3bp	25.5bp	26-Jul-24	6.5bp
Jun24/Dec24 bills-OIS flattener	19-Jun-23	7.5bp	1.5bp	10.5bp	13-Jun-24	5bp
Receive 10y swap spreads	17-May-23	51	20	65	3-Apr-24	20
Buy ACGB 3.5% 2034 vs. UKT 0.625% 2035	13-Nov-23	18.5	-40	45	22-Feb-24	-5.1
JPY 6m10y rtp spd vs 6m2y rtp	19-Feb-24	0bp	40bp	-20bp	19-Aug-24	0bp
Swap EFP (3y/10y) box flattener	19-Nov-23	10b[fs	0bps	15bps	22-Mar-24	-1
receive AU 5y5y IRS, pay US 5y5y IRS	19-Nov-23	109	0	148	21-Feb-24	99
2yr10yr TONA swap steepener	1-Feb-24	68.5	80	62.7	22-Feb-24	62.7
Feb/Mar 2024 OIS steepener	19-Nov-23	0	15	-7.5	12-Jan-24	-7.5
Pay June 2024 3m bills vs OIS	7-Nov-23	15	30	8	12-Jan-24	8
10yr/30yr TONA swap flatteners	19-Nov-23	59	49	64	19-Jan-24	64
10yr/30yr TONA swap flatteners	19-Nov-23	59	49	64	19-Jan-24	64

Source: BofA Global Research

BofA GLOBAL RESEARCH



Global rates forecasts

Exhibit 32: Latest levels and rate forecasts

Forecasts by quarter up to Q2 '26 plus YE 2026

		Latest	Q2 25	Q3 25	YE 25	Q1 26	Q2 26	YE 26
USA	O/N SOFR	4.35	4.29	4.31	4.32	4.33	4.34	4.35
	2y T-Note	3.99	4.00	4.00	4.00	4.05	4.10	4.25
	5y T-Note	4.09	4.10	4.15	4.20	4.25	4.30	4.40
	10y T-Note	4.36	4.30	4.40	4.50	4.55	4.60	4.75
	30y T-Bond	4.72	4.70	4.75	4.80	4.85	4.90	5.00
	2y Swap	3.85	3.84	3.82	3.80	3.85	3.90	4.05
	5y Swap	3.79	3.80	3.83	3.86	3.91	3.96	4.06
	10y Swap	3.90	3.85	3.93	4.01	4.04	4.07	4.22
	30y Swap	3.90	3.90	3.93	3.96	3.98	4.00	4.07
Germany	3m Euribor	2.36	1.90	1.65	1.70	1.70		1.75
	2y BKO	2.07	2.10	1.85	1.95	2.05		2.20
	5y OBL	2.37	2.40	2.20	2.25	2.35		2.45
	10y DBR	2.77	2.75	2.50	2.60	2.65		2.75
	30y DBR	3.13	3.05	2.95	3.05	3.10		3.25
	2y Euribor Swap	2.22	2.20	1.95	2.00	2.10		2.20
	5y Euribor Swap	2.43	2.40	2.20	2.25	2.35		2.45
	10y Euribor Swap	2.69	2.60	2.40	2.50	2.55		2.65
	30y Euribor Swap	2.66	2.50	2.45	2.60	2.70		2.90
Japan	TONA	0.48	0.73	0.73	0.98	0.98	0.98	1.23
	2y JGB	0.89	1.05	1.08	1.30	1.30	1.40	1.65
	5y JGB	1.18	1.25	1.28	1.55	1.55	1.65	1.90
	10y JGB	1.59	1.50	1.50	1.65	1.65	1.75	2.00
	30y JGB	2.59	2.55	2.55	2.60	2.60	2.63	2.65
	2y Swap	0.89	1.03	1.05	1.28	1.28	1.38	1.63
	5y Swap	1.11	1.20	1.23	1.45	1.45	1.55	1.80
	10y Swap	1.39	1.35	1.38	1.53	1.53	1.63	1.88
U.K.	3m Sonia	4.38	4.10	3.85	3.60	3.50	3.50	3.50
	2y UKT	4.27	4.00	3.70	3.55	3.55	3.55	3.55
	5y UKT	4.39	4.35	4.30	4.30	4.30	4.30	4.30
	10y UKT	4.78	4.75	4.70	4.65	4.65	4.65	4.65
	30y UKT	5.37	5.30	5.30	5.30	5.30	5.30	5.30
	2y Sonia Swap	4.10	3.85	3.60	3.50	3.50	3.50	3.50
	5y Sonia Swap	4.09	4.10	4.10	4.10	4.10	4.10	4.10
	10y Sonia Swap	4.27	4.25	4.25	4.25	4.25	4.25	4.25
Australia	3m BBSW	4.11	3.85	3.85	3.60	3.60	3.60	3.60
	2y ACGB	3.75	3.50	3.25	3.00	3.05	3.10	3.50
	5y ACGB	3.95	3.60	3.40	3.20	3.25	3.30	3.40
	10y ACGB	4.49	4.05	3.90	3.75	3.80	3.85	4.00
	3y Swap	3.69	3.50	3.25	3.00	3.05	3.10	3.50
	10y Swap	4.37	4.05	3.90	3.75	3.80	3.85	4.00
Canada	2y Govt	2.55	2.50	2.50	2.50	2.50	2.50	2.50
	5y Govt	2.73	2.65	2.70	2.75	2.80	2.85	2.95
	10y Govt	3.10	3.00	3.05	3.10	3.15	3.20	3.30
	2y Swap	2.41	2.37	2.37	2.37	2.37	2.37	2.37
	5y Swap	2.51	2.43	2.48	2.53	2.58	2.63	2.73
	10y Swap	2.84	2.74	2.79	2.84	2.89	2.94	3.04

Source: BofA Global Research. US swaps vs overnight Sofr, EUR swaps vs 6M Euribor, Japan swaps vs Tona, GBP swaps vs Sonia, AUD swaps vs BBSW, CAD swaps vs 3M BAS

BofA GLOBAL RESEARCH



Appendix: Common acronyms

Exhibit 33: Common acronyms/abbreviations

This list is subject to change

Acronym/Abbreviation	Definition	Acronym/Abbreviation	Definition
1H	First Half	IG	Investment Grade
2H	Second Half	IT	Italy
1Q / Q1	First Quarter	NADEF	Nota Aggiornamento Documento Economia e Finanza
2Q / Q2	Second Quarter	NFR	Net Financing Requirement
3Q / Q3	Third Quarter	lhs/LS	left-hand side
4Q / Q4	Fourth Quarter	m	month
ann	annualized	MA	Moving Average
APF	Asset Purchase Facility	MACD	Moving average convergence/divergence
APP	Asset Purchase Programme	MBM	Meeting-by-meeting
AS	Austria	mom	month-on-month
BdF	Banque de France (Bank of France)	MPC	Monetary Policy Committee
BE	Belgium	MWh	Megawatt-hour
BEA	Bureau of Economic Analysis	NGEU	NextGenerationEU
BLS	Bank Lending Survey	NE	Netherlands
BoE	Bank of England	NRRP	National Recovery and Resilience Plan
Bol	Banca d'Italia (Bank of Italy)	NSA	Non-seasonally Adjusted
BoJ	Bank of Japan	NS&I	National Savings & Investment
BoS	Banco de España (Bank of Spain)	OAT	Obligations assimilables du Trésor
bp	basis point	OBR	Office for Budget Responsibility
BTP	Buoni Poliennali del Tesoro	OECD	Organisation for Economic Co-operation and Development
Buba	Bundesbank	ONS	Office for National Statistics
c	circa	OBR	Office for Budget Responsibility
CA	Current Account	p	preliminary/flash print
CB	Central Bank	PBoC	People's Bank of China
CPI	Consumer Price Index	PEPP	Pandemic Emergency Purchase Programme
CSPP	Corporate Sector Purchase Programme	P&I	Pension and Insurance
CGNCR	Central Government Net Cash Requirement	PMI	Purchasing Managers' Index
d	day	PMRR	Preferred Minimum Range of Reserves
GE	Germany	PPF	Pension Protection Fund
DMO	Debt Management Office	PRT	Pension Risk Transfer
DS	Debt sustainability	PSPP	Public Sector Purchase Programme
DXY	US Dollar Index	PT	Portugal
EA	Euro area	QE	Quantitative Easing
EC	European Commission	qoq	quarter-on-quarter
ECB	European Central Bank	QT	Quantitative Tightening
ECJ	European Court of Justice	RBA	Reserve Bank of Australia
EFSF	European Financial Stability Facility	RBNZ	Reserve Bank of New Zealand
EGB	European Government Bond	rhs/RS	right-hand side
EIB	European Investment Bank	RPI	Retail Price Index
EMOT	Economic Mood Tracker	RRF	Recovery and Resilience Facility
EP	European Parliament	RSI	Relative Strength Index
SP	Spain	SA	Seasonally Adjusted
ESI	Economic Sentiment Indicator	SAFE	Survey on the access to finance of enterprises
ESM	European Stability Mechanism	SMA	Survey of Monetary Analysts / Simple moving average
EU	European Union	SNB	Swiss National Bank
f	final print	SPF	Survey of Professional Forecasters
FR	France	STR	Short Term Repo
FY	Fiscal Year	SURE	Support to mitigate Unemployment Risks in an Emergency
GC	Governing Council	S&P	Standard & Poor's
GDP	Gross Domestic Product	TFSME	Term Funding Scheme with additional incentives for SMEs
GNI	Gross National Income	TLTRO	Targeted Longer-term Refinancing Operations
GFR	Gross Financing Requirement	TPI	Transmission Protection Instrument
GR	Greece	TTF	Title Transfer Facility
GSB	Green Savings Bond	UK	United Kingdom
HICP	Harmonised Index of Consumer Prices	UST	US Treasury yield
HMT	His Majesty's Treasury	WDA	Work-day Adjusted
IMF	International Monetary Fund	y	year
INSEE	National Institute of Statistics and Economic Studies	yoy	year-on-year
IP	Industrial Production	ytd	year-to-date
IR	Ireland	DV01	Dollar value of a one basis point change in yield
IGFR	Illustrative Gross Financing Requirement	WAM	Weighted Average Maturity
PCA	Principal Component Analysis		



Exhibit 33: Common acronyms/abbreviations

This list is subject to change

Acronym/Abbreviation**Definition****Acronym/Abbreviation****Definition**

Source: BofA Global Research

BofA GLOBAL RESEARCH

Options Risk Statement

Potential Risk at Expiry & Options Limited Duration Risk

Unlike owning or shorting a stock, employing any listed options strategy is by definition governed by a finite duration. The most severe risks associated with general options trading are total loss of capital invested and delivery/assignment risk, all of which can occur in a short period.

Investor suitability

The use of standardized options and other related derivatives instruments are considered unsuitable for many investors. Investors considering such strategies are encouraged to become familiar with the "Characteristics and Risks of Standardized Options" (an OCC authored white paper on options risks). U.S. investors should consult with a FINRA Registered Options Principal.

For detailed information regarding risks involved with investing in listed options:
<http://www.theocc.com/about/publications/character-risks.jsp>

Analyst Certification

We, Ralf Preusser, CFA, Agne Stengeryte, CFA, Bruno Brazinho, CFA, Mark Cabana, CFA, Mark Capleton, Oliver Levingston and Sphia Salim, hereby certify that the views each of us has expressed in this research report accurately reflect each of our respective personal views about the subject securities and issuers. We also certify that no part of our respective compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.



Disclosures

Important Disclosures

BofA Global Research Credit Opinion Key

BofA Global Research provides recommendations on an issuer's bonds (including corporate and sovereign external debt securities), loans, capital securities, equity preferreds and CDS as described below. Convertible securities are not rated. An issuer level recommendation may also be provided for an issuer as explained below. BofA Global Research credit recommendations are assigned using a three-month time horizon.

Issuer Recommendations: If an issuer credit recommendation is provided, it is applicable to bonds and capital securities of the issuer except bonds and capital securities specifically referenced in the report with a different credit recommendation. Where there is no issuer credit recommendation, only individual bonds and capital securities with specific recommendations are covered. Loans, CDS and equity preferreds are rated separately and issuer recommendations do not apply to them.

BofA Global Research credit recommendations are assigned using a three-month time horizon:

Overweight: Spreads and/or excess returns are likely to outperform the relevant and comparable market over the next three months.

Marketweight: Spreads and/or excess returns are likely to perform in-line with the relevant and comparable market over the next three months.

Underweight: Spreads and/or excess returns are likely to underperform the relevant and comparable market over the next three months.

BofA Global Research uses the following rating system with respect to **Credit Default Swaps (CDS)**:

Buy Protection: Buy CDS, therefore going short credit risk.

Neutral: No purchase or sale of CDS is recommended.

Sell Protection: Sell CDS, therefore going long credit risk.

One or more analysts contributing to this report owns bonds of the covered issuer: UK

BofAS or an affiliate was a manager of a public offering of securities of this issuer within the last 12 months: France, Germany, Greece, Italy, Portugal, UK.

The issuer is or was, within the last 12 months, an investment banking client of BofAS and/or one or more of its affiliates: France, Germany, Greece, Italy, Netherlands, Portugal, Spain, UK.

BofAS or an affiliate has received compensation from the issuer for non-investment banking services or products within the past 12 months: France, Germany, Greece, Italy, Netherlands, Portugal, Spain, UK.

The issuer is or was, within the last 12 months, a non-securities business client of BofAS and/or one or more of its affiliates: France, Germany, Greece, Italy, Netherlands, Portugal, Spain, UK.

BofAS or an affiliate has received compensation for investment banking services from this issuer within the past 12 months: France, Germany, Greece, Italy, Netherlands, Portugal, Spain, UK.

BofAS or an affiliate expects to receive or intends to seek compensation for investment banking services from this issuer or an affiliate of the issuer within the next three months: France, Germany, Greece, Italy, Portugal, UK.

BofAS or one of its affiliates has a significant financial interest in the fixed income instruments of the issuer. If this report was issued on or after the 15th day of the month, it reflects a significant financial interest on the last day of the previous month. Reports issued before the 15th day of the month reflect a significant financial interest at the end of the second month preceding the report: France, Germany, Greece, Italy.

BofAS or one of its affiliates trades or may trade as principal in the debt securities (or in related derivatives) that are the subject of this research report: France, Germany, Greece, Ile de France, Italy, Netherlands, Portugal, Spain, UK.

The issuer is or was, within the last 12 months, a securities business client (non-investment banking) of BofAS and/or one or more of its affiliates: France, Germany, Greece, Italy, Netherlands, Portugal, Spain, UK.

Due to the nature of the market for derivative securities, the issuers or securities recommended or discussed in this report are not continuously followed. Accordingly, investors must regard this report as providing stand-alone analysis and should not expect continuing analysis or additional reports relating to such issuers and/or securities.

Due to the nature of strategic analysis, the issuers or securities recommended or discussed in this report are not continuously followed. Accordingly, investors must regard this report as providing stand-alone analysis and should not expect continuing analysis or additional reports relating to such issuers and/or securities.

BofA Global Research personnel (including the analyst(s) responsible for this report) receive compensation based upon, among other factors, the overall profitability of Bank of America Corporation, including profits derived from investment banking. The analyst(s) responsible for this report may also receive compensation based upon, among other factors, the overall profitability of the Bank's sales and trading businesses relating to the class of securities or financial instruments for which such analyst is responsible.

BofA Securities fixed income analysts regularly interact with sales and trading desk personnel in connection with their research, including to ascertain pricing and liquidity in the fixed income markets.

Other Important Disclosures

Prices are indicative and for information purposes only. Except as otherwise stated in the report, for any recommendation in relation to an equity security, the price referenced is the publicly traded price of the security as of close of business on the day prior to the date of the report or, if the report is published during intraday trading, the price referenced is indicative of the traded price as of the date and time of the report and in relation to a debt security (including equity preferred and CDS), prices are indicative as of the date and time of the report and are from various sources including BofA Securities trading desks.

The date and time of completion of the production of any recommendation in this report shall be the date and time of dissemination of this report as recorded in the report timestamp.

This report may refer to fixed income securities or other financial instruments that may not be offered or sold in one or more states or jurisdictions, or to certain categories of investors, including retail investors. Readers of this report are advised that any discussion, recommendation or other mention of such instruments is not a solicitation or offer to transact in such instruments. Investors should contact their BofA Securities representative or Merrill Global Wealth Management financial advisor for information relating to such instruments.

Rule 144A securities may be offered or sold only to persons in the U.S. who are Qualified Institutional Buyers within the meaning of Rule 144A under the Securities Act of 1933, as amended. SECURITIES OR OTHER FINANCIAL INSTRUMENTS DISCUSSED HEREIN MAY BE RATED BELOW INVESTMENT GRADE AND SHOULD THEREFORE ONLY BE CONSIDERED FOR INCLUSION IN ACCOUNTS QUALIFIED FOR SPECULATIVE INVESTMENT.

Recipients who are not institutional investors or market professionals should seek the advice of their independent financial advisor before considering information in this report in connection with any investment decision, or for a necessary explanation of its contents.

The securities or other financial instruments discussed in this report may be traded over-the-counter. Retail sales and/or distribution of this report may be made only in states where these instruments are exempt from registration or have been qualified for sale.

Officers of BofAS or one or more of its affiliates (other than research analysts) may have a financial interest in securities of the issuer(s) or in related investments.

This report, and the securities or other financial instruments discussed herein, may not be eligible for distribution or sale in all countries or to certain categories of investors, including retail investors.

Refer to [BofA Global Research policies relating to conflicts of interest](#).

"BofA Securities" includes BofA Securities, Inc. ("BofAS") and its affiliates. Investors should contact their BofA Securities representative or Merrill Global Wealth Management financial advisor if they have questions concerning this report or concerning the appropriateness of any investment idea described herein for such investor. "BofA Securities" is a global brand for BofA Global Research.



Information relating to Non-US affiliates of BofA Securities and Distribution of Affiliate Research Reports:

BofAS and/or Merrill Lynch, Pierce, Fenner & Smith Incorporated ("MLPF&S") may in the future distribute, information of the following non-US affiliates in the US (short name: legal name, regulator): Merrill Lynch (South Africa): Merrill Lynch South Africa (Pty) Ltd., regulated by The Financial Service Board; MLI (UK): Merrill Lynch International, regulated by the Financial Conduct Authority (FCA) and the Prudential Regulation Authority (PRA); BofASE (France): BofA Securities Europe SA is authorized by the Autorité de Contrôle Prudentiel et de Résolution (ACPR) and regulated by the ACPR and the Autorité des Marchés Financiers (AMF). BofA Securities Europe SA ("BofASE") with registered address at 51, rue La Boétie, 75008 Paris is registered under no 842 602 690 RCS Paris. In accordance with the provisions of French Code Monétaire et Financier (Monetary and Financial Code), BofASE is an établissement de crédit et d'investissement (credit and investment institution) that is authorised and supervised by the European Central Bank and the Autorité de Contrôle Prudentiel et de Résolution (ACPR) and regulated by the ACPR and the Autorité des Marchés Financiers. BofASE's share capital can be found at www.bofam.com/BofASEdisclaimer; BofA Europe (Milan): Bank of America Europe Designated Activity Company, Milan Branch, regulated by the Bank of Italy, the European Central Bank (ECB) and the Central Bank of Ireland (CBI); BofA Europe (Frankfurt): Bank of America Europe Designated Activity Company, Frankfurt Branch regulated by BaFin, the ECB and the CBI; BofA Europe (Madrid): Bank of America Europe Designated Activity Company, Sucursal en España, regulated by the Bank of Spain, the ECB and the CBI; Merrill Lynch (Australia): Merrill Lynch Equities (Australia) Limited, regulated by the Australian Securities and Investments Commission; Merrill Lynch (Hong Kong): Merrill Lynch (Asia Pacific) Limited, regulated by the Hong Kong Securities and Futures Commission (HKSF); Merrill Lynch (Singapore): Merrill Lynch (Singapore) Pte Ltd, regulated by the Monetary Authority of Singapore (MAS); Merrill Lynch (Canada): Merrill Lynch Canada Inc, regulated by the Canadian Investment Regulatory Organization; Merrill Lynch (Mexico): Merrill Lynch Mexico, SA de CV, Casa de Bolsa, regulated by the Comisión Nacional Bancaria y de Valores; BofAS Japan: BofA Securities Japan Co., Ltd., regulated by the Financial Services Agency; Merrill Lynch (Seoul): Merrill Lynch International, LLC Seoul Branch, regulated by the Financial Supervisory Service; Merrill Lynch (Taiwan): Merrill Lynch Securities (Taiwan) Ltd., regulated by the Securities and Futures Bureau; BofAS India: BofA Securities India Limited, regulated by the Securities and Exchange Board of India (SEBI); Merrill Lynch (Israel): Merrill Lynch Israel Limited, regulated by Israel Securities Authority; Merrill Lynch (DIFC): Merrill Lynch International (DIFC Branch), regulated by the Dubai Financial Services Authority (DFSA); Merrill Lynch (Brazil): Merrill Lynch S.A. Corretora de Títulos e Valores Mobiliários, regulated by Comissão de Valores Mobiliários; Merrill Lynch KSA Company: Merrill Lynch Kingdom of Saudi Arabia Company, regulated by the Capital Market Authority. This information has been approved for publication and is distributed in the United Kingdom (UK) to professional clients and eligible counterparties (as each is defined in the rules of the FCA and the PRA) by MLI (UK), which is authorized by the PRA and regulated by the FCA and the PRA - details about the extent of our regulation by the FCA and PRA are available from us on request; has been approved for publication and is distributed in the European Economic Area (EEA) by BofASE (France), which is authorized by the ACPR and regulated by the ACPR and the AMF; has been considered and distributed in Japan by BofAS Japan, a registered securities dealer under the Financial Instruments and Exchange Act in Japan, or its permitted affiliates; is issued and distributed in Hong Kong by Merrill Lynch (Hong Kong) which is regulated by HKSF; is issued and distributed in Taiwan by Merrill Lynch (Taiwan); is issued and distributed in India by BofAS India; and is issued and distributed in Singapore to institutional investors and/or accredited investors (each as defined under the Financial Advisers Regulations) by Merrill Lynch (Singapore) (Company Registration No 198602883D). Merrill Lynch (Singapore) is regulated by MAS. Merrill Lynch Equities (Australia) Limited (ABN 65 006 276 795), AFS License 235132 (MLEA) distributes this information in Australia only to 'Wholesale' clients as defined by s.761G of the Corporations Act 2001. With the exception of Bank of America N.A., Australia Branch, neither MLEA nor any of its affiliates involved in preparing this information is an Authorised Deposit-Taking Institution under the Banking Act 1959 nor regulated by the Australian Prudential Regulation Authority. No approval is required for publication or distribution of this information in Brazil and its local distribution is by Merrill Lynch (Brazil) in accordance with applicable regulations. Merrill Lynch (DIFC) is authorized and regulated by the DFSA. Information prepared and issued by Merrill Lynch (DIFC) is done so in accordance with the requirements of the DFSA conduct of business rules. BofA Europe (Frankfurt) distributes this information in Germany and is regulated by BaFin, the ECB and the CBI. BofA Securities entities, including BofA Europe and BofASE (France), may outsource/delegate the marketing and/or provision of certain research services or aspects of research services to other branches or members of the BofA Securities group. You may be contacted by a different BofA Securities entity acting for and on behalf of your service provider where permitted by applicable law. This does not change your service provider. Please refer to the [Electronic Communications Disclaimers](#) for further information.

This information has been prepared and issued by BofAS and/or one or more of its non-US affiliates. The author(s) of this information may not be licensed to carry on regulated activities in your jurisdiction and, if not licensed, do not hold themselves out as being able to do so. BofAS and/or MLPF&S is the distributor of this information in the US and accepts full responsibility for information distributed to BofAS and/or MLPF&S clients in the US by its non-US affiliates. Any US person receiving this information and wishing to effect any transaction in any security discussed herein should do so through BofAS and/or MLPF&S and not such foreign affiliates. Hong Kong recipients of this information should contact Merrill Lynch (Asia Pacific) Limited in respect of any matters relating to dealing in securities or provision of specific advice on securities or any other matters arising from, or in connection with, this information. Singapore recipients of this information should contact Merrill Lynch (Singapore) Pte Ltd in respect of any matters arising from, or in connection with, this information. For clients that are not accredited investors, expert investors or institutional investors Merrill Lynch (Singapore) Pte Ltd accepts full responsibility for the contents of this information distributed to such clients in Singapore.

General Investment Related Disclosures:

Taiwan Readers: Neither the information nor any opinion expressed herein constitutes an offer or a solicitation of an offer to transact in any securities or other financial instrument. No part of this report may be used or reproduced or quoted in any manner whatsoever in Taiwan by the press or any other person without the express written consent of BofA Securities.

This document provides general information only, and has been prepared for, and is intended for general distribution to, BofA Securities clients. Neither the information nor any opinion expressed constitutes an offer or an invitation to make an offer, to buy or sell any securities or other financial instrument or any derivative related to such securities or instruments (e.g., options, futures, warrants, and contracts for differences). This document is not intended to provide personal investment advice and it does not take into account the specific investment objectives, financial situation and the particular needs of, and is not directed to, any specific person(s). This document and its content do not constitute, and should not be considered to constitute, investment advice for purposes of ERISA, the US tax code, the Investment Advisers Act or otherwise. Investors should seek financial advice regarding the appropriateness of investing in financial instruments and implementing investment strategies discussed or recommended in this document and should understand that statements regarding future prospects may not be realized. Any decision to purchase or subscribe for securities in any offering must be based solely on existing public information on such security or the information in the prospectus or other offering document issued in connection with such offering, and not on this document.

Securities and other financial instruments referred to herein, or recommended, offered or sold by BofA Securities, are not insured by the Federal Deposit Insurance Corporation and are not deposits or other obligations of any insured depository institution (including, Bank of America, N.A.). Investments in general and, derivatives, in particular, involve numerous risks, including, among others, market risk, counterparty default risk and liquidity risk. No security, financial instrument or derivative is suitable for all investors. Digital assets are extremely speculative, volatile and are largely unregulated. In some cases, securities and other financial instruments may be difficult to value or sell and reliable information about the value or risks related to the security or financial instrument may be difficult to obtain. Investors should note that income from such securities and other financial instruments, if any, may fluctuate and that price or value of such securities and instruments may rise or fall and, in some cases, investors may lose their entire principal investment. Past performance is not necessarily a guide to future performance. Levels and basis for taxation may change.

BofA Securities is aware that the implementation of the ideas expressed in this report may depend upon an investor's ability to "short" securities or other financial instruments and that such action may be limited by regulations prohibiting or restricting "shortselling" in many jurisdictions. Investors are urged to seek advice regarding the applicability of such regulations prior to executing any short idea contained in this report.

This report may contain a trading idea or recommendation which highlights a specific identified near-term catalyst or event impacting a security, issuer, industry sector or the market generally that presents a transaction opportunity, but does not have any impact on the analyst's particular "Overweight" or "Underweight" rating (which is based on a three month trade horizon). Trading ideas and recommendations may differ directionally from the analyst's rating on a security or issuer because they reflect the impact of a near-term catalyst or event.

Foreign currency rates of exchange may adversely affect the value, price or income of any security or financial instrument mentioned in this report. Investors in such securities and instruments effectively assume currency risk.

BofAS or one of its affiliates is a regular issuer of traded financial instruments linked to securities that may have been recommended in this report. BofAS or one of its affiliates may, at any time, hold a trading position (long or short) in the securities and financial instruments discussed in this report.

BofA Securities, through business units other than BofA Global Research, may have issued and may in the future issue trading ideas or recommendations that are inconsistent with, and reach different conclusions from, the information presented herein. Such ideas or recommendations may reflect different time frames, assumptions, views and analytical methods of the persons who prepared them, and BofA Securities is under no obligation to ensure that such other trading ideas or recommendations are brought to the attention of any recipient of this information.

In the event that the recipient received this information pursuant to a contract between the recipient and BofAS for the provision of research services for a separate fee, and in connection therewith BofAS may be deemed to be acting as an investment adviser, such status relates, if at all, solely to the person with whom BofAS has contracted directly and does not extend beyond the delivery of this report (unless otherwise agreed specifically in writing by BofAS). If such recipient uses the services of BofAS in connection with the sale or purchase of a security referred to herein, BofAS may act as principal for its own account or as agent for another person. BofAS is and continues to act solely as a broker-dealer in connection with the execution of any transactions,

including transactions in any securities referred to herein.

Copyright and General Information:

Copyright 2025 Bank of America Corporation. All rights reserved. iQdatabase® is a registered service mark of Bank of America Corporation. This information is prepared for the use of BofA Securities clients and may not be redistributed, retransmitted or disclosed, in whole or in part, or in any form or manner, without the express written consent of BofA Securities. This document and its content is provided solely for informational purposes and cannot be used for training or developing artificial intelligence (AI) models or as an input in any AI application (collectively, an AI tool). Any attempt to utilize this document or any of its content in connection with an AI tool without explicit written permission from BofA Global Research is strictly prohibited. BofA Global Research information is distributed simultaneously to internal and client websites and other portals by BofA Securities and is not publicly-available material. Any unauthorized use or disclosure is prohibited. Receipt and review of this information constitutes your agreement not to redistribute, retransmit, or disclose to others the contents, opinions, conclusion, or information contained herein (including any investment recommendations, estimates or price targets) without first obtaining express permission from an authorized officer of BofA Securities.

Materials prepared by BofA Global Research personnel are based on public information. Facts and views presented in this material have not been reviewed by, and may not reflect information known to, professionals in other business areas of BofA Securities, including investment banking personnel. BofA Securities has established information barriers between BofA Global Research and certain business groups. As a result, BofA Securities does not disclose certain client relationships with, or compensation received from, such issuers. To the extent this material discusses any legal proceeding or issues, it has not been prepared as nor is it intended to express any legal conclusion, opinion or advice. Investors should consult their own legal advisers as to issues of law relating to the subject matter of this material. BofA Global Research personnel's knowledge of legal proceedings in which any BofA Securities entity and/or its directors, officers and employees may be plaintiffs, defendants, co-defendants or co-plaintiffs with or involving issuers mentioned in this material is based on public information. Facts and views presented in this material that relate to any such proceedings have not been reviewed by, discussed with, and may not reflect information known to, professionals in other business areas of BofA Securities in connection with the legal proceedings or matters relevant to such proceedings.

This information has been prepared independently of any issuer of securities mentioned herein and not in connection with any proposed offering of securities or as agent of any issuer of any securities. None of BofAS any of its affiliates or their research analysts has any authority whatsoever to make any representation or warranty on behalf of the issuer(s). BofA Global Research policy prohibits research personnel from disclosing a recommendation, investment rating, or investment thesis for review by an issuer prior to the publication of a research report containing such rating, recommendation or investment thesis.

Any information relating to sustainability in this material is limited as discussed herein and is not intended to provide a comprehensive view on any sustainability claim with respect to any issuer or security.

Any information relating to the tax status of financial instruments discussed herein is not intended to provide tax advice or to be used by anyone to provide tax advice. Investors are urged to seek tax advice based on their particular circumstances from an independent tax professional.

The information herein (other than disclosure information relating to BofA Securities and its affiliates) was obtained from various sources and we do not guarantee its accuracy. This information may contain links to third-party websites. BofA Securities is not responsible for the content of any third-party website or any linked content contained in a third-party website. Content contained on such third-party websites is not part of this information and is not incorporated by reference. The inclusion of a link does not imply any endorsement by or any affiliation with BofA Securities. Access to any third-party website is at your own risk, and you should always review the terms and privacy policies at third-party websites before submitting any personal information to them. BofA Securities is not responsible for such terms and privacy policies and expressly disclaims any liability for them.

All opinions, projections and estimates constitute the judgment of the author as of the date of publication and are subject to change without notice. Prices also are subject to change without notice. BofA Securities is under no obligation to update this information and BofA Securities ability to publish information on the subject issuer(s) in the future is subject to applicable quiet periods. You should therefore assume that BofA Securities will not update any fact, circumstance or opinion contained herein.

Certain outstanding reports or investment opinions relating to securities, financial instruments and/or issuers may no longer be current. Always refer to the most recent research report relating to an issuer prior to making an investment decision.

In some cases, an issuer may be classified as Restricted or may be Under Review or Extended Review. In each case, investors should consider any investment opinion relating to such issuer (or its security and/or financial instruments) to be suspended or withdrawn and should not rely on the analyses and investment opinion(s) pertaining to such issuer (or its securities and/or financial instruments) nor should the analyses or opinion(s) be considered a solicitation of any kind. Sales persons and financial advisors affiliated with BofAS or any of its affiliates may not solicit purchases of securities or financial instruments that are Restricted or Under Review and may only solicit securities under Extended Review in accordance with firm policies.

Neither BofA Securities nor any officer or employee of BofA Securities accepts any liability whatsoever for any direct, indirect or consequential damages or losses arising from any use of this information.



Research Analysts

Europe

Ralf Preusser, CFA

Rates Strategist
MLI (UK)
ralf.preusser@bofa.com

Mark Capleton

Rates Strategist
MLI (UK)
mark.capleton@bofa.com

Edvard Davidsson

Rates Strategist
MLI (UK)
edvard.davidsson@bofa.com

Ronald Man

Rates Strategist
MLI (UK)
ronald.man@bofa.com

Sphia Salim

Rates Strategist
MLI (UK)
sphia.salim@bofa.com

Erjon Satko

Rates Strategist
BofASE (France)
erjon.satko@bofa.com

Agne Stengeryte, CFA

Rates Strategist
MLI (UK)
agne.stengeryte@bofa.com

US

Ralph Axel

Rates Strategist
BofAS
ralph.axel@bofa.com

Bruno Braizinha, CFA

Rates Strategist
BofAS
bruno.braizinha@bofa.com

Mark Cabana, CFA

Rates Strategist
BofAS
mark.cabana@bofa.com

Paul Ciana, CMT

Technical Strategist
BofAS
paul.ciana@bofa.com

Katie Craig

Rates Strategist
BofAS
katie.craig@bofa.com

Meghan Swiber, CFA

Rates Strategist
BofAS
meghan.swiber@bofa.com

Pac Rim

Shusuke Yamada, CFA

FX/Rates Strategist
BofAS Japan
shusuke.yamada@bofa.com

Tomonobu Yamashita

Rates Strategist
BofAS Japan
tomonobu.yamashita@bofa.com

Oliver Levingston

FX & Rates Strategist
Merrill Lynch (Australia)
oliver.levingston@bofa.com

these ideas or strategies.

Trading ideas and investment strategies discussed herein may give rise to significant risk and are not suitable for all investors. Investors should have experience in relevant markets and the financial resources to absorb any losses arising from applying

