

- US long-term rates near post-crisis high (link)
- 10-year Treasury auction attracts elevated investor demand (link)
- Spanish bank equities surge after supreme court reverses decision on mortgage fees (link)
- China's foreign reserves fell more than expected, by \$34 bn to \$3.05 tn (link)
- Chinese regulators to cut maximum length of stock trading halts (link)

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Market sentiment strengthens on removal of election uncertainty

Markets reacted positively to the outcome of the US mid-term elections and the passage of event risk. The results were broadly in line with polls and market expectations: the democrats took control of the house while the republicans retained the senate. Market expectations going forward are for less expansionary fiscal stimulus, with little to no change in the Fed's rate hiking path and in the trajectory for US-China trade relations. Global equities were mostly higher, though lagged in parts of Asia. Credit spreads tightened. Core sovereign bond yields were mixed, little changed in Europe and lower and flatter in the US. The US dollar was broadly but modestly weaker against major currency pairs. EM assets reacted positively as well. Market participants remain attuned to Brexit developments, official comments on US-China trade ahead of the G20 summit, and await the outcome of the FOMC meeting tomorrow, where expectations are for no rate hike.

Key Global Financial Indicators

Last updated:	Leve	I	Cha				
11/7/18 7:52 AM	Last 12m	Latest	1 Day	7 Days	30 Days	12 M	YTD
Equities					%		%
S&P 500	when when	2755	0.6	3	-5	6	3
Eurostoxx 50	mmm	3248	1.3	2	-3	-11	-7
Nikkei 225	my many	22086	-0.3	1	-7	-4	-3
MSCI EM	mmmm	41	1.4	5	0	-12	-13
Yields and Spreads				b	ps		
US 10y Yield		3.20	2.7	6	-3	88	79
Germany 10y Yield	and the same	0.45	1.9	7	-12	13	3
EMBIG Sovereign Spread		357	-11.0	-8	17	54	72
FX / Commodities / Volatility				9	%		
EM FX vs. USD, (+) = appreciation		62.8	0.2	2	2	-8	-10
Dollar index, (+) = \$ appreciation	manne	95.8	-0.5	-1	0	4	4
Brent Crude Oil (\$/barrel)		73.1	1.4	-3	-13	15	9
VIX Index (%, change in pp)	- January	17.1	-2.8	-4	2	7	6

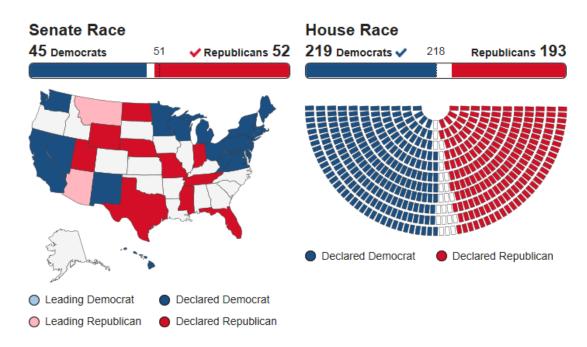
 $Colors \ denote \ tightening/easing \ financial \ conditions \ for \ observations \ greater \ than \ \pm 1.5 \ standard \ deviations. \ Data \ source: \ Bloomberg.$

United States

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In line with polls and market expectations, Democrats took control of the House, while Republicans enlarged their majority in the Senate. Markets welcomed the additional checks and balances provided by a split congress despite increased prospects for legislative gridlock. President Trump is scheduled to hold a press conference later today. S&P 500 futures pointed to a higher opening this morning, while the Treasury yield curve traded lower and with a flattening bias. Ahead of the results yesterday, **Treasury yields edged higher, while equities rose 0.6%** amid thin trading activity. Equity implied volatility, measured by the VIX, was little changed to close at 19.9. 10-year Treasury yields closed at 3.23% just 0.5 bps below the post-crisis high, while 2-year yields reached 2.93%.

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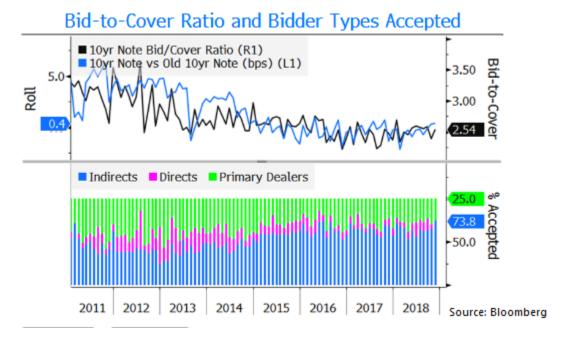


UST 10-year rates vs. S&P 500

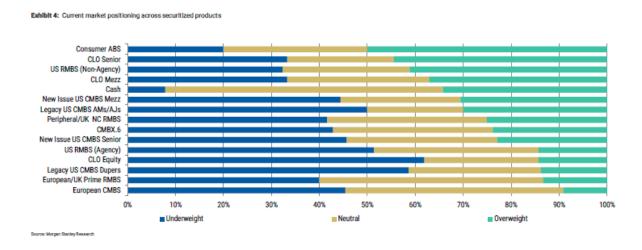


Source: Bloomberg

The 10-year Treasury auction attracted strong investor demand. Indirect bids, often viewed as a proxy for demand from foreign investors, were strong, at 73.8%. Meanwhile, Treasury data show that holdings of stripped Treasuries, a proxy for pension fund demand for duration, also accelerated at a record pace in October, suggesting an increase in investor demand for duration.



Investors are overweight consumer ABS and senior CLO tranches. According to the results of a quarterly investor survey, consumer ABS and senior CLO tranches are the most overweight sectors, while CLO equity tranches show the largest underweight positions. Respondents are marginally bullish on securitized products overall: 38% of respondents see their allocation to securitized products increasing, while 6% seeing it decreasing.



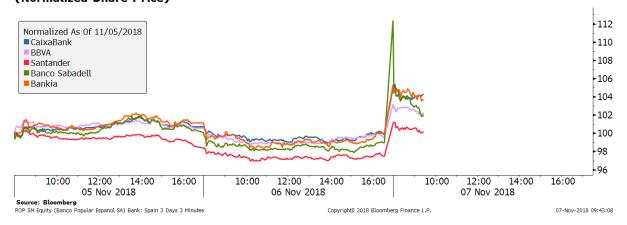
Banks have to pay higher rates to roll over. CreditSights analyzed which sectors have the most bonds rated BBB coming due next year. They focused on the BBB category because it had grown significantly recently. Among sectors, banks, including Deutsche Bank, are the largest sector, followed by energy and healthcare.

Europe back to top

Sovereign debt markets are steady, with yields in most countries unchanged. Italian 10-year yields dropped 8 bps to 3.31%. **Equities are about 1-1.5% higher, with bank stocks (+1.4%) performing in line with major indices.**

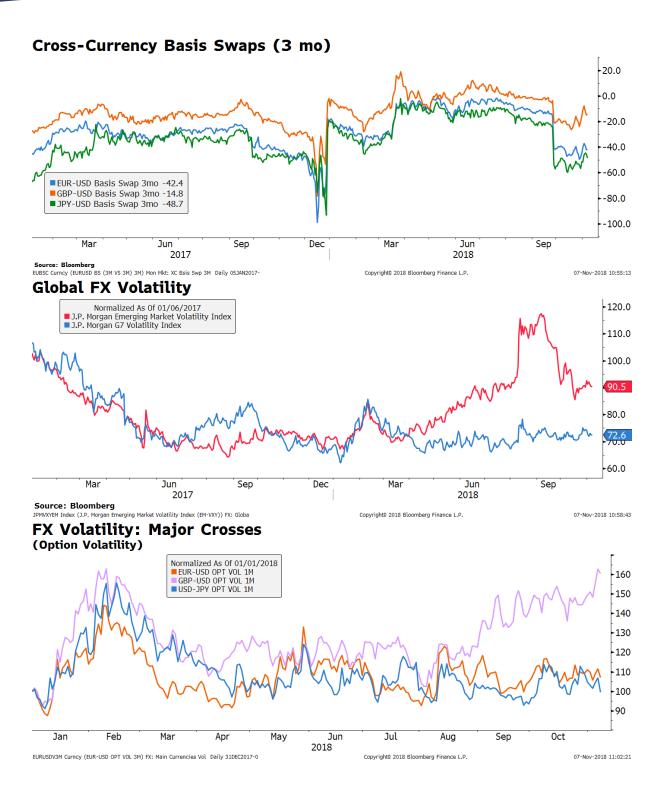
Spanish bank equities surged after the supreme court reversed a previous decision asking banks to pay for mortgage documentation fees. The court voted 15 to 13 in favor of reversing its previous measure that could have had an uncertain impact on banks. Estimated fees ranged from \leq 4 bn to \leq 20 bn. CaixaBank (+4.1%) and Sabadell (+3.0%) led the gains, followed by Santander (+2.6%), and BBVA (+2.4%).

Selected Spanish Bank Equities (Normalized Share Price)



In Brexit news, the CME Group has announced plans to rellocate its entire euro-denominated short-term financing business – known as BrokerTec – to continental Europe. The measure will affect "all of" CME's euro-denominated short-term bond and repo trading activity – according to company representatives – with a daily market turnover of about \$240 bn. CME representatives also explained that the move was geared to ensuring that continental firms can continue to rely on this market in case of a no-deal outcome, and to preserve large liquidity pools intact. The activity will be transfered to CME's Dutch subsidiary NEX Amsterdam. On the other hand, the \$70 bn gilt repo business will remain in London Separately, German ball bearing maker Schaeffer and surgical appliances manufacturer Steris also announced plans to relocate substantial parts of their business away from the UK.

In money markets, dollar funding conditions remain relatively tight compared to levels through most of 2018. The spreads of 3-month cross-currency swaps have been hovering around 40 bps for the euro-dollar pair and 50 bps for the yen-dollar pair since late September (chart). Volatility in emerging FX markets has decreased from the heights this summer. FX volatility for advanced economies has remained broadly stable (chart), except for the Brtitish pound which has come unde pressure on the back of Brexit uncertainty (chart).



Emerging Markets

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Key Emerging Market Financial Indicators

Last updated:	Level						
11/7/18 7:55 AM	Last 12m	index	1 Day	7 Days	30 Days	12 M	YTD
Major EM Benchmarks				9	%		%
MSCI EM Equities	www	40.86	1.4	5	0	-12	-13
MSCI Frontier Equities	~~~~	27.50	-0.4	2	-2	-12	-17
EMBIG Sovereign Spread (in bps)		357	-11.0	-8	17	54	72
EM FX vs. USD	-in	62.76	0.2	2	2	-8	-10
Major EM FX vs. USD		%, (
China Renminbi		6.92	0.0	1	0	-4	-6
Indonesian Rupiah		14590	1.5	4	4	-7	-7
Indian Rupee		73.00	0.2	1	1	-11	-13
Argentine Peso		35.63	-0.4	4	6	-50	-48
Brazil Real		3.75	0.4	-1	1	-13	-12
Mexican Peso	man	19.67	0.3	3	-4	-3	0
Russian Ruble	~~~~~~~	65.99	0.2	0	1	-10	-13
South African Rand	manner of the second	13.94	1.2	6	6	2	-11
Turkish Lira		5.34	0.2	4	14	-27	-29
EM FX volatility		10.03	0.0	-0.2	-1.0	1.9	2.2

 $Colors \ denote \ \ \frac{\textbf{tightening}}{\textbf{easing financial conditions for observations greater than } \textbf{\pm} \textbf{1.5 standard deviations.} \ Data \ source: \ Bloomberg.$

EM assets were largely unchanged on Tuesday (MSCI EM: -0.2%, EMBIG spread: -3 bps, EM FX: flat) as investors awaited the outcome of the US mid-term elections. Yesterday in Latam, the Colombian peso gained 1.1% amid speculation that the government may cut its withholding tax on foreign holders of local debt securities. In today's session, equity prices were mixed in **Asia**, but broadly higher in **EMEA** Taiwan (+0.8%) led gains while stocks in China and Korea (about -0.5%) underperformed. In FX markets, the Indonesian rupiah continues to outperform, up 1.4% (see below). EMEA markets benefitted from the broad lift in risk sentiment, with bourses up between 0.6% and 1% across the region and currencies were broadly stronger against the dollar, notably the South African rand (+1.4%).

China

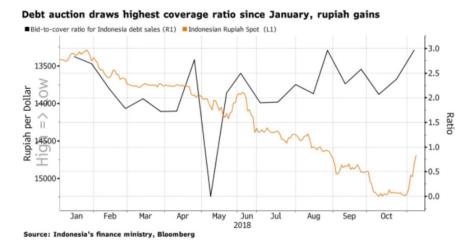
The yuan weakened and A-shares were a touch lower following the results of the US mid-term elections. While the election results could boost the ability of Democrats to push back on president Trump's political and economic agenda, investors expect that the administration will continue to pressure China on trade issues. The renminbi weakened 0.16% to 6.9253 against the US dollar. In the offshore market, USD/CNH was little changed, trading at 6.9197. With lingering concerns over US-China trade tensions, the Shanghai and Shenzhen A-share indices slid 0.7% and 0.4%, respectively, marking the third consecutive day of decline.

China's foreign reserves fell more than expected, by \$34 bn to \$3.05 tn at end-October, the lowest in 18 months. The drop was the biggest monthly decline since December 2016 and compared with a fall of \$22.7 bn in September. Reserves have fallen for three straight months. The fall in foreign reserves in part reflected negative valuation effects due to a stronger US dollar (which would have reduced the value of the euro, yen, and other non-dollar portion of reserves), but may also indicate increased outflow pressure as investors worried about the depreciation of the renminbi. For the month of October, the renminbi weakened by 1.5%. Some analysts note that the PBC may have stepped up intervention to prevent the yuan from breaking through the key support level of 7 per dollar at the end of October.

The China Securities Regulatory Commission (CSRC) said they will shorten the time stocks can stay suspended, addressing a longstanding concern that investors cannot liquidate their stocks and are left stranded for months. Under existing rules, companies can suspend their shares for as long as three months for "major asset restructuring." Share halts in China have been a major issue for investors in recent years. Nearly half of the stocks were suspended at one point during the 2015 crash, triggering rebukes from MSCI Inc. and many international investors. MSCI requested Chinese regulators to make changes to suspension rules as a condition for including A-shares in its global benchmarks, to reduce the risk that investors will be unable to trade when they want. The CSRC did not indicate what the new maximum halt length will be, nor when the new rules will be introduced, though it did say that shares should not be suspended during a company's bankruptcy restructuring period.

Indonesia

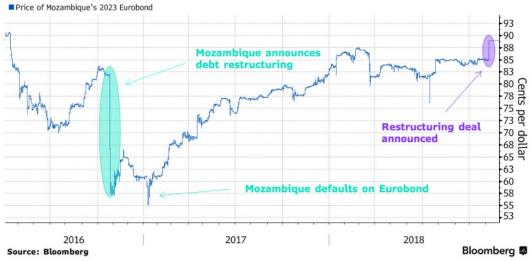
The rupiah has gained nearly 3% over the last two sessions on reports of improved flows to local bond markets. Today's move (+1.5%) marked the largest single-day appreciation since mid-2016, in part driven by a successful bond auction. The government raised twice as much in today's debt sales, receiving bids amounting to \$4.1 bn for the combined auctions, the highest bid-to-cover ratio since the start of the year. The local 10-year bond yield has been trending lower in recent weeks, falling some 75 bps since mid-October to 8.1% currently. Improved sentiment is largely coming from a better external environment (for example, the weaker dollar since the start of the month), but also from the proactive stance of policymakers to reduce FX volatility.



Mozambique

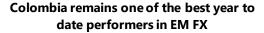
Mozambique struck a deal with some of its Eurobond holders, almost two years after defaulting. The government's sole Eurobond, a \$727 mn security maturing in 2023, rose to 90 cents on the dollar, the highest level in more than two years. According to the FM, an agreement has been reached with holders of 60% of the 2023 Eurobond. As part of the agreement, Mozambique will issue a new \$900 mn Eurobond maturing in 2033 and offer another instrument linked to future gas revenues capped at \$500 mn.

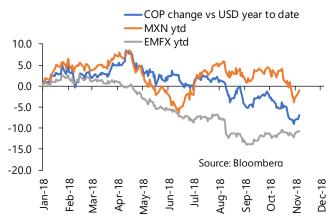
Going UpMozambique's Eurobond rallies on restructuring pact



Colombia

The peso (+1.1%) outperformed regional peers and local peso bonds rallied the most since March amid speculation that the withholding tax on foreign holders of government securities may be cut. TES 2024 yields fell 8 bps to 6.45% on news that the congress plans to discuss cutting the withholding tax on local peso bonds to 10% from 14%. Colombia last cut the tax at the start of 2013, which triggered a large drop in yields amid increased buying from foreign investors. According to Bloomberg, foreigners currently hold about 26% of the securities, up from 4% in 2012.

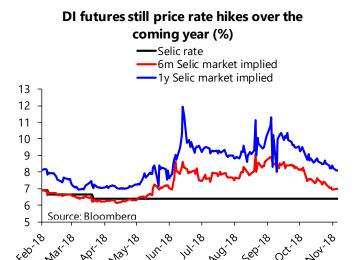




Brazil

Market participants had a dovish interpretation of the central bank minutes from the October monetary policy meeting, where the committee left the policy rate unchanged at 6.50% in a unanimous decision. The minutes highlighted that risks to the inflation outlook had become more symmetric and that the balance of risks for inflation had improved, albeit risks were still skewed to the upside. Although long-end rates increased (10-year benchmark rates rose 15 bps), shorter-dated maturities were unchanged. Since mid-September, Brazilian bonds have rallied strongly (e.g. 10-year NTNF

rates have declined by 230 bps over that period). Based on the latest weekly survey, market economists expect the Selic rate to reach 8.00% at the end of 2019 from 6.5% currently.



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Global Financial Indicators

Last updated:	Level						
11/7/18 7:55 AM	Last 12m	Latest	1 Day	7 Days	30 Days	12 M	YTD
Equities				9	6		%
United States	John Sammer	2755	0.6	3	-5	6	3
Europe	mmm	3248	1.3	2	-3	-11	-7
Japan	my many	22086	-0.3	1	-7	-4	-3
China	-ham	2641	-0.7	1	-6	-23	-20
Asia Ex Japan	mommen	66	-0.1	5	-2	-14	-14
Emerging Markets	mmm	41	1.4	5	0	-12	-13
Interest Rates				basis	points		
US 10y Yield		3.20	2.7	6	-3	88	79
Germany 10y Yield	www.	0.45	1.9	7	-12	13	3
Japan 10y Yield	manufacture of the same	0.12	-0.8	0	-3	9	8
UK 10y Yield	mar harry	1.55	1.2	11	-17	32	36
Credit Spreads				basis	points		
US Investment Grade		106	-1.0	-2	7	10	15
US High Yield	munin	361	-3.7	-22	33	-13	-15
Europe IG	-mmm	68	-1.4	-6	-4	17	23
Europe HY	~~~~~~	281	-3.4	-17	-10	52	48
EMBIG Sovereign Spread		357	-11.0	-8	17	54	72
Exchange Rates				9	6		
Dollar Index (DXY)	www.	95.82	-0.5	-1	0	1	4
USDEUR	warmynn,	1.15	0.6	2	0	-1	-4
USDJPY	Andrew Commenter	113.2	0.2	0	0	1	0
EM FX vs. USD		62.8	0.2	2	2	-8	-10
Commodities					6		
Brent Crude Oil (\$/barrel)	- American	73	1.4	-3	-13	15	9
Industrials Metals (index)	man my	116	0.6	2	-4	-12	-16
Agriculture (index)		43	0.3	2	0	-11	-9
Implied Volatility				9	6		
VIX Index (%, change in pp)	mund	17.2	-2.8	-4.1	2.3	7.3	6.1
10y Treasury Volatility Index	mothersham	4.7	0.2	0.0	0.4	1.0	1.1
Global FX Volatility	and the second second	8.2	0.0	-0.2	-0.2	0.9	0.9
EA Sovereign Spreads			10-Yea	ar spread v	s. Germany	(bps)	
Greece	1	387	-4.4	1	-7	-89	18
Italy	mar	288	-8.0	-16	3	151	129
Portugal	mundmin	146	-0.6	-3	9	-14	-6
Spain	muhur	114	-0.9	-2	14	6	0

Colors denote tightening/easing financial conditions for observations greater than ± 1.5 standard deviations. Data source: Bloomberg.

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Emerging Market Financial Indicators

Exchange Rates						Local Currency Bond Yields (GBI EM)							
Level				e (in %)			Level					nts)	
Last 12m	Latest	1 Day	7 Days	30 Days	12 M	YTD	Last 12m	Latest	1 Day	7 Days	30 Days	12 M	YTD
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	5.34	0.2	4.5	14	-27	-29		17.0	-152.0	-264	-480	471	503
and the same of th	96	-0.5	-1.3	0	1	4		3.02	-0.3	7	-4	104	82
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	5940	0.3	2	4	-2	-7	who was a superior	182 211	-8	-4	22	38	45
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	5940 34992 7034 1675 1715 30974 88669 5222 1402 46328 19302	0.3 0.1 -2.0 0.4 0.4 -1.5 -1.0 -0.6 0.8 -1.0	2 2 -1 0 2 5 6 2 1 6 4	4 2 -1 -3 -4 3 8 -1 -6 -4 0	-2 5 -17 -2 -2 11 22 -5 -2 -5 -3	-7 3 -18 -4 -5 3 16 -6 -7 -6 -3		182 211 168 107 0 134 601 247 139 187 300 153	-8 -2 -14 0 -3 -11 -9 -7 -10 -8 -11	-4 -4 -6 0 2 -49 -10 0 2 -7 -1	22 8 7 0 10 -57 -30 19 17 42	38 54 6 0 23 215 -1 17 -8 48 11	45 58 12 0 24 251 13 20 13 55
	5940 34992 7034 1675 1715 30974 88669 5222 1402 46328 19302 38176	0.3 0.1 -2.0 0.4 0.4 -1.5 -1.0 -0.6 0.8 -1.0 0.1	2 2 -1 0 2 5 6 2 1 6 4	4 2 -1 -3 -4 3 8 -1 -6 -4 0	-2 5 -17 -2 -2 11 22 -5 -2 -5 -3	-7 3 -18 -4 -5 3 16 -6 -7 -6 -3		182 211 168 107 0 134 601 247 139 187 300 153	-8 -2 -14 0 -3 -11 -9 -7 -10 -8 -11	-4 -4 -6 0 2 -49 -10 0 2 -7 -1 -3	22 8 7 0 10 -57 -30 19 17 42 21	38 54 6 0 23 215 -1 17 -8 48 11	45 58 12 0 24 251 13 20 13 55 16
	5940 34992 7034 1675 1715 30974 88669 5222 1402 46328 19302 38176 57777	0.3 0.1 -2.0 0.4 0.4 -1.5 -1.0 -0.6 0.8 -1.0 0.1 1.4	2 2 -1 0 2 5 6 2 1 6 4 6 6	4 2 -1 -3 -4 3 8 -1 -6 -4 0 3 -1	-2 5 -17 -2 -2 11 22 -5 -2 -5 -3 -4 -11	-7 3 -18 -4 -5 3 16 -6 -7 -6 -3 -3		182 211 168 107 0 134 601 247 139 187 300 153 120 57	-8 -2 -14 0 -3 -11 -9 -7 -10 -8 -11 -6 1	-4 -4 -6 0 2 -49 -10 0 2 -7 -1 -3 -4	22 8 7 0 10 -57 -30 19 17 42 21 12	38 54 6 0 23 215 -1 17 -8 48 11 20 0	45 58 12 0 24 251 13 20 13 55 16 32
	5940 34992 7034 1675 1715 30974 88669 5222 1402 46328 19302 38176 57777 8640	0.3 0.1 -2.0 0.4 -1.5 -1.0 -0.6 0.8 -1.0 0.1 1.4 1.5 0.3	2 2 -1 0 2 5 6 2 1 6 4 6 6	4 2 -1 -3 -4 3 8 -1 -6 -4 0 3 -1	-2 5 -17 -2 -2 11 22 -5 -2 -5 -3 -4 -11 12	-7 3 -18 -4 -5 3 16 -6 -7 -6 -3 -3 -9 11		182 211 168 107 0 134 601 247 139 187 300 153 120 57 188	-8 -2 -14 0 -3 -11 -9 -7 -10 -8 -11 -6 1	-4 -4 -6 0 2 -49 -10 0 2 -7 -1 -3 -4 -10	22 8 7 0 10 -57 -30 19 17 42 21 12 10 18	38 54 6 0 23 215 -1 17 -8 48 11 20 0 59	45 58 12 0 24 251 13 20 13 55 16 32 10 74
	5940 34992 7034 1675 1715 30974 88669 5222 1402 46328 19302 38176 57777 8640 2433	0.3 0.1 -2.0 0.4 0.4 -1.5 -1.0 -0.6 0.8 -1.0 0.1 1.4 1.5 0.3 0.8	2 2 2 -1 0 2 2 5 6 2 1 6 4 6 6 1 6 6 1 6	4 2 -1 -3 -4 3 8 -1 -6 -4 0 3 -1 1 1	-2 5 -17 -2 -2 11 22 -5 -2 -5 -3 -4 -11 12	-7 3 -18 -4 -5 3 16 -6 -7 -6 -3 -9 11 15		182 211 168 107 0 134 601 247 139 187 300 153 120 57 188 222	-8 -2 -14 0 -3 -11 -9 -7 -10 -8 -11 -6 1 1 -4	-4 -4 -6 0 2 -49 -10 0 2 -7 -1 -3 -4 -10 1	22 8 7 0 10 -57 -30 19 17 42 21 10 18 8	38 54 6 0 23 215 -1 17 -8 48 11 20 0 59 32	45 58 12 0 24 251 13 20 13 55 16 32 10 74
	5940 34992 7034 1675 1715 30974 88669 5222 1402 46328 19302 38176 57777 8640 2433 54963	0.3 0.1 -2.0 0.4 0.4 -1.5 -1.0 -0.6 0.8 -1.0 0.1 1.4 1.5 0.3 0.8 0.9	2 2 -1 0 2 5 6 2 1 6 4 6 6 1 6 5 5	4 2 -1 -3 -4 3 8 -1 -6 -4 0 3 -1 1 1	-2 5 -17 -2 -2 -11 22 -5 -2 -5 -3 -4 -11 12 13 -9	-7 3 -18 -4 -5 3 16 -6 -7 -6 -3 -3 -9 11 15 -8		182 211 168 107 0 134 601 247 139 187 300 153 120 57 188 222 334	-8 -2 -14 0 -3 -11 -9 -7 -10 -8 -11 -6 1 1 -4 -10	-4 -4 -6 0 2 -49 -10 0 2 -7 -1 -3 -4 -10 1	22 8 7 0 10 -57 -30 19 17 -42 21 10 18 8 22	38 54 6 0 23 215 -1 17 -8 48 11 20 0 59 32 31	45 58 12 0 24 251 13 20 13 55 16 32 10 74 44 80
		Level  Last 12m	Level  Last 12m Latest 1 Day  vs. USD  6.92 0.0  14590 1.5  73 0.2  53 0.2  33 0.4  4.16 0.3  36 -0.4  3.75 0.4  674 0.8  3150 1.1  19.67 0.3  3.4 -0.1  33 0.1  280 0.6  3.74 0.8  4.1 0.5  66.0 0.2  13.9 1.2  5.34 0.2  96 -0.5  Level	Level         Change           Last 12m         Latest         1 Day         7 Days           vs. USD         (+) = EM a           6.92         0.0         0.8           14590         1.5         4.2           73         0.2         0.9           53         0.2         1.1           33         0.4         0.9           4.16         0.3         0.5           36         -0.4         3.6           3.75         0.4         -0.7           674         0.8         3.4           -0.1         -0.2         3.4           -0.1         -0.2         3.4           -0.1         -0.2         3.4           -0.1         -0.2         3.4           -0.1         -0.2         3.4           -0.1         -0.2         3.4           -0.1         -0.2         3.4           -0.1         -0.2         3.4           -0.1         -0.2         -0.2           3.74         0.8         2.7           4.1         0.5         1.6           -0.5         -3.3         4.5           -0.5	Level         Change (in %)           Last 12m         Latest         1 Day         7 Days         30 Days           vs. USD         (+) = EM appreciation           6.92         0.0         0.8         0           14590         1.5         4.2         4           73         0.2         0.9         1           53         0.2         1.1         3           33         0.4         0.9         0           4.16         0.3         0.5         0           36         -0.4         3.6         6           674         0.8         3.4         1           19.67         0.3         3.4         -4           33         0.1         0.1         1           19.67         0.3         3.4         -4           33         0.1         0.1         1           280         0.6         2.5         1           3.74         0.8         2.7         1           4.1         0.5         1.6         0           66.0         0.2         -0.2         1           4.1         0.5         1.6         0 <td>Level         Change (in %)           Last 12m         Latest         1 Day         7 Days         30 Days         12 M           6.92         0.0         0.8         0         -4           14590         1.5         4.2         4         -7           73         0.2         0.9         1         -11           53         0.2         1.1         3         -3           4.16         0.3         0.5         0         2           36         -0.4         3.6         6         -50           3.75         0.4         -0.7         1         -13           674         0.8         3.4         1         -6           3150         1.1         1.8         -3         -3           33         0.1         0.1         1         -11           4         -0.7         1         -13         -4           33         0.1         0.1         1         -11           4         -0.1         -0.2         -1         -4           33         0.1         0.1         1         -11           4.1         0.5         1.6         0</td> <td>Level         Change (in %)           Last 12m         Latest         1 Day         7 Days         30 Days         12 M         YTD           vs. USD         (+) = EM appreciation           6.92         0.0         0.8         0         -4         -6           14590         1.5         4.2         4         -7         -7           73         0.2         0.9         1         -11         -13           53         0.2         1.1         3         -3         -6           4.16         0.3         0.5         0         2         -3           36         -0.4         3.6         6         -50         -48           3.75         0.4         -0.7         1         -13         -12           674         0.8         3.4         1         -6         -9           3150         1.1         1.8         -3         -3         -5           4         0.6         0.3         3.4         -4         -3         0           4         0.1         -0.2         -1         -4         -8           3.74         0.8         2.7         1</td> <td>Level         Change (in %)         Level           Last 12m         Latest         1 Day         7 Days         30 Days         12 M         YTD         Last 12m           vs. USD         (+) = EM appreciation           6.92         0.0         0.8         0         -4         -6         -6           14590         1.5         4.2         4         -7         -7         -7           73         0.2         0.9         1         -11         -13         -12           53         0.2         1.1         3         -3         -6         -6           4.16         0.3         0.5         0         2         -3         -0           36         -0.4         3.6         6         -50         -48           3.75         0.4         -0.7         1         -13         -12           674         0.8         3.4         1         -6         -9         -9           4.1         0.6         0.2         -1         -4         -4         -4           33         0.1         0.1         1         -11         -12         -7           4.1         0.5         <t< td=""><td>Level         Change (in %)         Level           Last 12m         Latest         1 Day         7 Days         30 Days         12 M         YTD         Last 12m         Latest           vs. USD         (+) = EM appreciation         % pa.           6.92         0.0         0.8         0         -4         -6         3.5           14590         1.5         4.2         4         -7         -7         8.5           73         0.2         0.9         1         -11         -13         7.9           53         0.2         1.1         3         -3         -6         6.6           33         0.4         0.9         0         1         -1         2.9           4.16         0.3         0.5         0         2         -3         4.2           36         -0.4         3.6         6         -50         -48         23.5           3.75         0.4         -0.7         1         -13         -12         8.6           4.9         19.67         0.3         3.4         -4         -3         0         8.6           4.9         19.67         0.3         3.4         <td< td=""><td>Level         Change (in %)         Level         Ch           Last 12m         Latest         1 Day         7 Days         30 Days         12 M         YTD         Last 12m         Latest         1 Day           vs. USD         (+) = EM appreciation         % p.a.         ***         ***         % p.a.           14590         1.5         4.2         4         -7         -7          8.5         3.7           73         0.2         0.9         1         -11         -13         7.9         0.4           53         0.2         1.1         3         -3         -6         6.6         -0.6           4.16         0.3         0.5         0         2         -3         4.2         0.8           3.75         0.4         -0.7         1         -13         -12         8.6         -0.5           4.16         0.8         3.4         1         -6         -9         4.8         -2.2           3.75         0.4         -0.7         1         -13         -12         8.6         -0.5           4.1         0.8         3.4         1         -6         -9         -4         4.8</td><td>Level         Change (in %)         Level         Change (in Last 12m)         Latest 1 Day         7 Days         30 Days         12 M         YTD         Last 12m         Latest         1 Day         7 Days           vs. USD         (+) = EM appreciation         % p.a.         Level         % p.a.           6.92         0.0         0.8         0         -4         -6         3.5         1.7         -1           14590         1.5         4.2         4         -7         -7         8.5         3.7         -26           73         0.2         0.9         1         -11         -13         7.9         0.4         -7           53         0.2         1.1         3         -3         -6         6.6         -0.6         2           4.16         0.3         0.5         0         2         -3         4.2         0.8         1           3.75         0.4         -0.7         1         -13         -12         8.6         -0.5         -9           4.10         0.8         3.4         1         -6         -9         4.8         -2.2         -3           3.75         0.4         -0.7         1</td><td>Level         Change (in basis poin last 12m         Latest 12m         Latest 1 Day 7 Days 30 Days 12 M         YTD         Latest 12m         Latest 1 Day 7 Days 30 Days 30 Days           vs. USD         (+) = EM appreciation         % p.a.           6.92         0.0         0.8         0         -4         -6         3.5         1.7         -1         -12         -12         -3         -26         -3         -3         -6         6.66         -0.6         2         19         -3         -6         6.66         -0.6         2         19         -3         -4         -6         -6         -6.6         -0.6         2         19         -3         -6         6.66         -0.6         2         19         -3         -6         6.66         -0.6         2         19         -9         -0.2         -2         -3         -3         -6         6.66         -0.6         2         19         -9         -0.2         -2         -3         -3         -6         6.66         -0.6         2         19         -9         -114         -10         -1         -1         -2         -9         -14         -8</td><td>Level         Change (in %)         Level         Change (in basis points)           Last 12m         Latest         1 Day         7 Days         30 Days         12 M         YTD         Last 12m         Latest         1 Day         7 Days         30 Days         12 M           vs. USD         (+) = EM appreciation         % p.a.          % p.a.                                                                        </td></td<></td></t<></td>	Level         Change (in %)           Last 12m         Latest         1 Day         7 Days         30 Days         12 M           6.92         0.0         0.8         0         -4           14590         1.5         4.2         4         -7           73         0.2         0.9         1         -11           53         0.2         1.1         3         -3           4.16         0.3         0.5         0         2           36         -0.4         3.6         6         -50           3.75         0.4         -0.7         1         -13           674         0.8         3.4         1         -6           3150         1.1         1.8         -3         -3           33         0.1         0.1         1         -11           4         -0.7         1         -13         -4           33         0.1         0.1         1         -11           4         -0.1         -0.2         -1         -4           33         0.1         0.1         1         -11           4.1         0.5         1.6         0	Level         Change (in %)           Last 12m         Latest         1 Day         7 Days         30 Days         12 M         YTD           vs. USD         (+) = EM appreciation           6.92         0.0         0.8         0         -4         -6           14590         1.5         4.2         4         -7         -7           73         0.2         0.9         1         -11         -13           53         0.2         1.1         3         -3         -6           4.16         0.3         0.5         0         2         -3           36         -0.4         3.6         6         -50         -48           3.75         0.4         -0.7         1         -13         -12           674         0.8         3.4         1         -6         -9           3150         1.1         1.8         -3         -3         -5           4         0.6         0.3         3.4         -4         -3         0           4         0.1         -0.2         -1         -4         -8           3.74         0.8         2.7         1	Level         Change (in %)         Level           Last 12m         Latest         1 Day         7 Days         30 Days         12 M         YTD         Last 12m           vs. USD         (+) = EM appreciation           6.92         0.0         0.8         0         -4         -6         -6           14590         1.5         4.2         4         -7         -7         -7           73         0.2         0.9         1         -11         -13         -12           53         0.2         1.1         3         -3         -6         -6           4.16         0.3         0.5         0         2         -3         -0           36         -0.4         3.6         6         -50         -48           3.75         0.4         -0.7         1         -13         -12           674         0.8         3.4         1         -6         -9         -9           4.1         0.6         0.2         -1         -4         -4         -4           33         0.1         0.1         1         -11         -12         -7           4.1         0.5 <t< td=""><td>Level         Change (in %)         Level           Last 12m         Latest         1 Day         7 Days         30 Days         12 M         YTD         Last 12m         Latest           vs. USD         (+) = EM appreciation         % pa.           6.92         0.0         0.8         0         -4         -6         3.5           14590         1.5         4.2         4         -7         -7         8.5           73         0.2         0.9         1         -11         -13         7.9           53         0.2         1.1         3         -3         -6         6.6           33         0.4         0.9         0         1         -1         2.9           4.16         0.3         0.5         0         2         -3         4.2           36         -0.4         3.6         6         -50         -48         23.5           3.75         0.4         -0.7         1         -13         -12         8.6           4.9         19.67         0.3         3.4         -4         -3         0         8.6           4.9         19.67         0.3         3.4         <td< td=""><td>Level         Change (in %)         Level         Ch           Last 12m         Latest         1 Day         7 Days         30 Days         12 M         YTD         Last 12m         Latest         1 Day           vs. USD         (+) = EM appreciation         % p.a.         ***         ***         % p.a.           14590         1.5         4.2         4         -7         -7          8.5         3.7           73         0.2         0.9         1         -11         -13         7.9         0.4           53         0.2         1.1         3         -3         -6         6.6         -0.6           4.16         0.3         0.5         0         2         -3         4.2         0.8           3.75         0.4         -0.7         1         -13         -12         8.6         -0.5           4.16         0.8         3.4         1         -6         -9         4.8         -2.2           3.75         0.4         -0.7         1         -13         -12         8.6         -0.5           4.1         0.8         3.4         1         -6         -9         -4         4.8</td><td>Level         Change (in %)         Level         Change (in Last 12m)         Latest 1 Day         7 Days         30 Days         12 M         YTD         Last 12m         Latest         1 Day         7 Days           vs. USD         (+) = EM appreciation         % p.a.         Level         % p.a.           6.92         0.0         0.8         0         -4         -6         3.5         1.7         -1           14590         1.5         4.2         4         -7         -7         8.5         3.7         -26           73         0.2         0.9         1         -11         -13         7.9         0.4         -7           53         0.2         1.1         3         -3         -6         6.6         -0.6         2           4.16         0.3         0.5         0         2         -3         4.2         0.8         1           3.75         0.4         -0.7         1         -13         -12         8.6         -0.5         -9           4.10         0.8         3.4         1         -6         -9         4.8         -2.2         -3           3.75         0.4         -0.7         1</td><td>Level         Change (in basis poin last 12m         Latest 12m         Latest 1 Day 7 Days 30 Days 12 M         YTD         Latest 12m         Latest 1 Day 7 Days 30 Days 30 Days           vs. USD         (+) = EM appreciation         % p.a.           6.92         0.0         0.8         0         -4         -6         3.5         1.7         -1         -12         -12         -3         -26         -3         -3         -6         6.66         -0.6         2         19         -3         -6         6.66         -0.6         2         19         -3         -4         -6         -6         -6.6         -0.6         2         19         -3         -6         6.66         -0.6         2         19         -3         -6         6.66         -0.6         2         19         -9         -0.2         -2         -3         -3         -6         6.66         -0.6         2         19         -9         -0.2         -2         -3         -3         -6         6.66         -0.6         2         19         -9         -114         -10         -1         -1         -2         -9         -14         -8</td><td>Level         Change (in %)         Level         Change (in basis points)           Last 12m         Latest         1 Day         7 Days         30 Days         12 M         YTD         Last 12m         Latest         1 Day         7 Days         30 Days         12 M           vs. USD         (+) = EM appreciation         % p.a.          % p.a.                                                                        </td></td<></td></t<>	Level         Change (in %)         Level           Last 12m         Latest         1 Day         7 Days         30 Days         12 M         YTD         Last 12m         Latest           vs. USD         (+) = EM appreciation         % pa.           6.92         0.0         0.8         0         -4         -6         3.5           14590         1.5         4.2         4         -7         -7         8.5           73         0.2         0.9         1         -11         -13         7.9           53         0.2         1.1         3         -3         -6         6.6           33         0.4         0.9         0         1         -1         2.9           4.16         0.3         0.5         0         2         -3         4.2           36         -0.4         3.6         6         -50         -48         23.5           3.75         0.4         -0.7         1         -13         -12         8.6           4.9         19.67         0.3         3.4         -4         -3         0         8.6           4.9         19.67         0.3         3.4 <td< td=""><td>Level         Change (in %)         Level         Ch           Last 12m         Latest         1 Day         7 Days         30 Days         12 M         YTD         Last 12m         Latest         1 Day           vs. USD         (+) = EM appreciation         % p.a.         ***         ***         % p.a.           14590         1.5         4.2         4         -7         -7          8.5         3.7           73         0.2         0.9         1         -11         -13         7.9         0.4           53         0.2         1.1         3         -3         -6         6.6         -0.6           4.16         0.3         0.5         0         2         -3         4.2         0.8           3.75         0.4         -0.7         1         -13         -12         8.6         -0.5           4.16         0.8         3.4         1         -6         -9         4.8         -2.2           3.75         0.4         -0.7         1         -13         -12         8.6         -0.5           4.1         0.8         3.4         1         -6         -9         -4         4.8</td><td>Level         Change (in %)         Level         Change (in Last 12m)         Latest 1 Day         7 Days         30 Days         12 M         YTD         Last 12m         Latest         1 Day         7 Days           vs. USD         (+) = EM appreciation         % p.a.         Level         % p.a.           6.92         0.0         0.8         0         -4         -6         3.5         1.7         -1           14590         1.5         4.2         4         -7         -7         8.5         3.7         -26           73         0.2         0.9         1         -11         -13         7.9         0.4         -7           53         0.2         1.1         3         -3         -6         6.6         -0.6         2           4.16         0.3         0.5         0         2         -3         4.2         0.8         1           3.75         0.4         -0.7         1         -13         -12         8.6         -0.5         -9           4.10         0.8         3.4         1         -6         -9         4.8         -2.2         -3           3.75         0.4         -0.7         1</td><td>Level         Change (in basis poin last 12m         Latest 12m         Latest 1 Day 7 Days 30 Days 12 M         YTD         Latest 12m         Latest 1 Day 7 Days 30 Days 30 Days           vs. USD         (+) = EM appreciation         % p.a.           6.92         0.0         0.8         0         -4         -6         3.5         1.7         -1         -12         -12         -3         -26         -3         -3         -6         6.66         -0.6         2         19         -3         -6         6.66         -0.6         2         19         -3         -4         -6         -6         -6.6         -0.6         2         19         -3         -6         6.66         -0.6         2         19         -3         -6         6.66         -0.6         2         19         -9         -0.2         -2         -3         -3         -6         6.66         -0.6         2         19         -9         -0.2         -2         -3         -3         -6         6.66         -0.6         2         19         -9         -114         -10         -1         -1         -2         -9         -14         -8</td><td>Level         Change (in %)         Level         Change (in basis points)           Last 12m         Latest         1 Day         7 Days         30 Days         12 M         YTD         Last 12m         Latest         1 Day         7 Days         30 Days         12 M           vs. USD         (+) = EM appreciation         % p.a.          % p.a.                                                                        </td></td<>	Level         Change (in %)         Level         Ch           Last 12m         Latest         1 Day         7 Days         30 Days         12 M         YTD         Last 12m         Latest         1 Day           vs. USD         (+) = EM appreciation         % p.a.         ***         ***         % p.a.           14590         1.5         4.2         4         -7         -7          8.5         3.7           73         0.2         0.9         1         -11         -13         7.9         0.4           53         0.2         1.1         3         -3         -6         6.6         -0.6           4.16         0.3         0.5         0         2         -3         4.2         0.8           3.75         0.4         -0.7         1         -13         -12         8.6         -0.5           4.16         0.8         3.4         1         -6         -9         4.8         -2.2           3.75         0.4         -0.7         1         -13         -12         8.6         -0.5           4.1         0.8         3.4         1         -6         -9         -4         4.8	Level         Change (in %)         Level         Change (in Last 12m)         Latest 1 Day         7 Days         30 Days         12 M         YTD         Last 12m         Latest         1 Day         7 Days           vs. USD         (+) = EM appreciation         % p.a.         Level         % p.a.           6.92         0.0         0.8         0         -4         -6         3.5         1.7         -1           14590         1.5         4.2         4         -7         -7         8.5         3.7         -26           73         0.2         0.9         1         -11         -13         7.9         0.4         -7           53         0.2         1.1         3         -3         -6         6.6         -0.6         2           4.16         0.3         0.5         0         2         -3         4.2         0.8         1           3.75         0.4         -0.7         1         -13         -12         8.6         -0.5         -9           4.10         0.8         3.4         1         -6         -9         4.8         -2.2         -3           3.75         0.4         -0.7         1	Level         Change (in basis poin last 12m         Latest 12m         Latest 1 Day 7 Days 30 Days 12 M         YTD         Latest 12m         Latest 1 Day 7 Days 30 Days 30 Days           vs. USD         (+) = EM appreciation         % p.a.           6.92         0.0         0.8         0         -4         -6         3.5         1.7         -1         -12         -12         -3         -26         -3         -3         -6         6.66         -0.6         2         19         -3         -6         6.66         -0.6         2         19         -3         -4         -6         -6         -6.6         -0.6         2         19         -3         -6         6.66         -0.6         2         19         -3         -6         6.66         -0.6         2         19         -9         -0.2         -2         -3         -3         -6         6.66         -0.6         2         19         -9         -0.2         -2         -3         -3         -6         6.66         -0.6         2         19         -9         -114         -10         -1         -1         -2         -9         -14         -8	Level         Change (in %)         Level         Change (in basis points)           Last 12m         Latest         1 Day         7 Days         30 Days         12 M         YTD         Last 12m         Latest         1 Day         7 Days         30 Days         12 M           vs. USD         (+) = EM appreciation         % p.a.          % p.a.

 $Colors \ denote \ tightening/easing \ financial \ conditions \ for \ observations \ greater \ than \ \pm 1.5 \ standard \ deviations. \ Data \ source: Bloomberg.$