

GEMs FI & FX Strategy Watch

Real Money Tracker - Playing defense

In December, on an aggregate basis, funds reduced their bond holdings and FX exposure (in absolute terms) to the top nine countries in the GBI-EM Global Diversified index. The underweight positions in bonds increased to 4.21% and overweight positions in FX turned slightly underweight at 0.06%. Cash positions increased from that of November, and duration also increased (see Exhibit 30 & Exhibit 31). Overweight FX positions are still concentrated in Mexico, South Africa, Brazil, Colombia, and Indonesia.

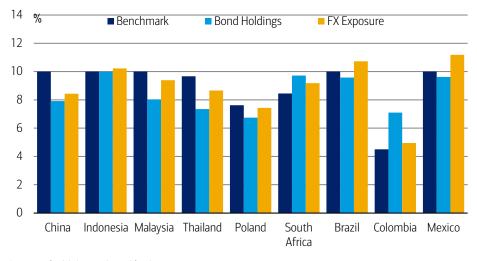
Bonds - Colombia most favored, Thailand most underweight

Colombia (2.60% overweight) bonds continued to be most favoured by funds we track followed by South Africa (1.27% overweight). In December, funds continued to remain underweight in China, Indonesia, Malaysia, Thailand, Poland, Brazil and Mexico.

FX - MXN followed by ZAR most overweight

In December, MXN (1.18% overweight) continued to be the most favored currency by GBI-EM indexed funds we track followed by ZAR. Funds continued to be overweight in IDR, BRL and COP and remained underweight in CNY, MYR, THB and PLN.

Exhibit 1: Emerging Markets Bond holdings and FX exposure in December-23 South Africa bonds and COP most favored in the EM



Source: BofA Global Research, Fund factsheets

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For the previous edition of our Real Money Tracker, please see <u>GEMs FI & FX Strategy</u> <u>Watch: Real Money Tracker – FX up. Bonds down, Cash reduced 26 January 2024</u>

15 February 2024

GEM FI & FX Strategy Global

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GBI-EM = Global Bond Index Emerging Markets

CGBs = China Government Bonds

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Refer to important disclosures on page 14 to 16.

Timestamp: 15 February 2024 01:42AM EST

Executive Summary

Asia

EM Asia's benchmark weight (includes China, Indonesia, Malaysia and Thailand) slightly increased in December. However, in absolute terms, both bond holdings and FX exposure slightly reduced from the levels in November. In relative terms, funds we track increased their underweight positions in both Asia bonds and in Asia FX.

Exhibit 2: AsiaFunds increased underweight positions in bonds and FX

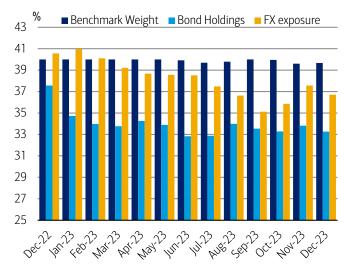
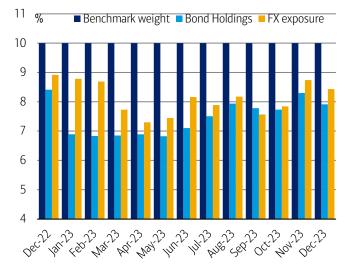


Exhibit 3: China: Funds' exposure to Chinese bonds and FX Funds reduced their absolute exposure to bonds and FX



Source: BofA Global Research, Fund factsheets

Source: BofA Global Research, Fund factsheets

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- China: Benchmark weight remained the same at 10% in December. Funds we track
 reduced their absolute exposure to both China bonds and CNY. In relative terms,
 underweight positions in bonds increased to 2.09% when compared to the
 benchmark and underweight FX positions increased to 1.56% in December (Exhibit
 3).
- **Indonesia**: Benchmark weight remained the same at 10% in December. Absolute exposure to bonds increased while absolute exposure to IDR reduced. In relative terms, underweight positions in bonds reduced and overweight positions in FX reduced. Specifically, as of end December, funds we track were underweight in bonds at 0.02% and overweight in FX at 0.22% (Exhibit 6).
- **Malaysia**: Malaysia's benchmark weight remained the same at 10% in December. Funds we track reduced their absolute exposure to Malaysia bonds and MYR. In relative terms, underweight positions in bonds increased to 1.97% and underweight in FX also increased to 0.61% (Exhibit 9).
- Thailand: Thailand's benchmark weight slightly increased to 9.67% in December. In absolute terms, funds reduced their exposure to both Thai bonds and THB.
 Underweight positions in Thai bonds increased to 2.32% and underweight positions in THB also increased to 1.01% (Exhibit 12).

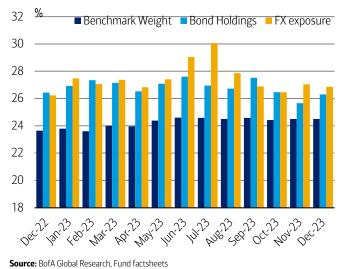
CEEMEA

 CEEMEA's benchmark weight (comprising South Africa and Poland, removed Russia since Mar-22) increased to 16.07% in December. Funds reduced their absolute exposure to CEEMEA bonds and exposure to CEEMEA FX increased. Overweight positions in CEEMEA bonds reduced and overweight positions in FX increased. (Exhibit 5).



- Poland: Poland's benchmark weight increased to 7.62% in December. Funds
 reduced their absolute exposure to Polish bonds and exposure to PLN almost
 remained the same. Underweight positions in both bonds and PLN increased.
 Specifically, funds we track were 0.87% underweight in bonds and 0.19%
 underweight in PLN as of December-end (Exhibit 24).
- South Africa: South Africa's benchmark weight slightly increased to 8.45% in
 December. Funds reduced their absolute exposure to South Africa bonds while
 increased their absolute exposure to ZAR. In relative terms, the overweight positions
 in bonds reduced while overweight positions in FX increased. Specifically, funds we
 track were 1.27% overweight in bonds and 0.73% overweight in ZAR as of
 December-end. (Exhibit 27). South Africa bonds remain most favored amongst the
 EM countries we track.

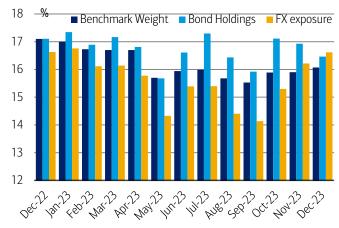
Exhibit 4: LatAmFunds increased absolute exposure to bonds



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Exhibit 5: CEEMEA

Funds reduced absolute exposure to bonds; increased FX exposure



Source: BofA Global Research, Fund factsheets

Note: CEEMEA region includes the countries – Poland, Russia and South Africa till Feb-22, only Poland and South Africa from Mar-22

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LatAm

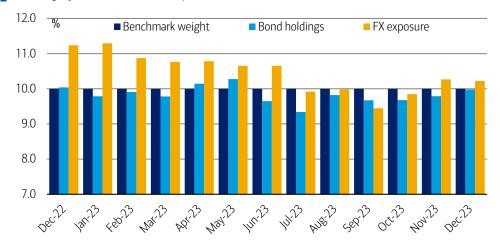
- LatAm's benchmark weight (comprising Brazil, Colombia and Mexico) remained the same in December. Funds we track increased their exposure to bonds while reduced their exposure to FX in absolute terms. In relative terms, overweight positions in bonds increased and overweight positions in FX reduced (Exhibit 4).
- Brazil: Brazil's benchmark weight remained the same in December. Funds we track
 increased their exposure to bonds, however slightly reduced their FX exposure in
 absolute terms. In relative terms, underweight positions in bonds reduced and
 overweight position in BRL slightly reduced. Specifically, funds were 0.42%
 underweight in bonds and 0.72% overweight in BRL (Exhibit 15).
- **Colombia**: Colombia's benchmark weight remained the same at 4.50% in December. Funds we track increased their absolute exposure to both bonds and FX. Specifically, funds increased their overweight positions in bonds to 2.60% and in FX to 0.45%. (Exhibit 18).
- Mexico: In December, Mexico's benchmark weight remained the same at 10%.
 Funds we track reduced their absolute exposure to both bonds and to MXN.
 Underweight positions in bonds increased to 0.38%. Overweight positions in MXN reduced to 1.18%. In December, MXN continues to be the most favored amongst the EM currencies we track (Exhibit 21).



Indonesia

Exhibit 6: Funds' exposure to Indonesian bonds and FX

Funds slightly increased their absolute positions in Indonesia bonds



Source: BofA Global Research, Fund factsheets

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Exhibit 7: Foreign holdings in Indonesia govt bonds

Foreign holdings as a % of outstanding increased in December



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Exhibit 8: Offshore monthly debt flows

Slight debt outflows in January



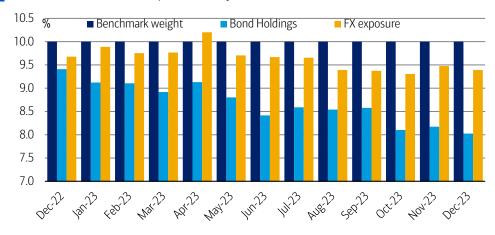
Source: BofA Global Research, Bloomberg



Malaysia

Exhibit 9: Funds' exposure to Malaysian bonds and FX

Funds reduced their absolute exposure to Malaysian bonds

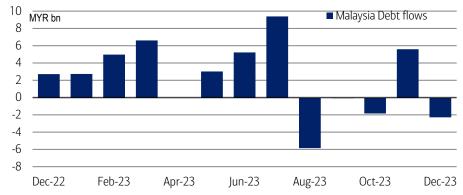


Source: BofA Global Research, Fund factsheets

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Exhibit 10: Offshore monthly debt flows

Malaysia witnessed debt outflows in December



Source: BofA Global Research, BNM

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Exhibit 11: Foreign holdings in MGS and GII

Foreign holdings as a % of outstanding reduced in December



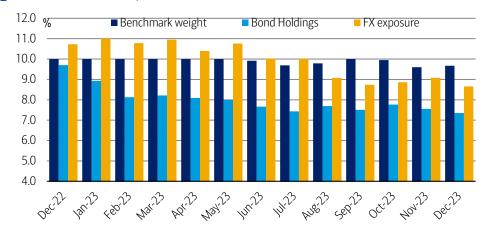
Source: BofA Global Research, BNM



Thailand

Exhibit 12: Funds' exposure to Thai bonds and FX

Funds reduced absolute exposure to both Thai bonds and THB

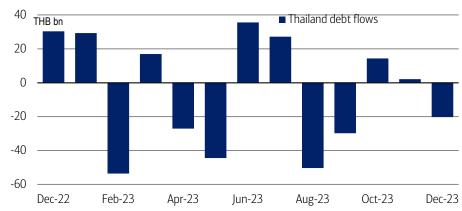


Source: BofA Global Research, Fund factsheets

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Exhibit 13: Offshore monthly debt flows

Debt outflows in December

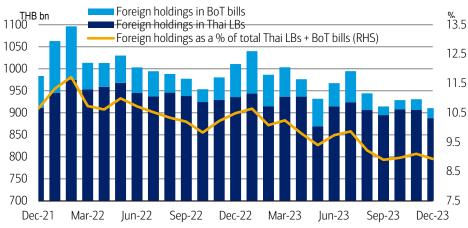


Source: BofA Global Research, Bloomberg

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Exhibit 14: Foreign holdings in Thai LBs and BoT bills

Foreign holdings as a % of outstanding reduced in December

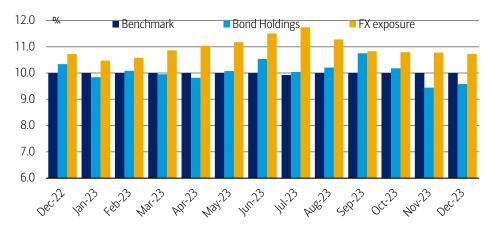


Source: BofA Global Research, BoT

Brazil

Exhibit 15: Funds' exposure to Brazil bonds and FX

Underweight position in bonds reduced and overweight positions in FX slightly reduced

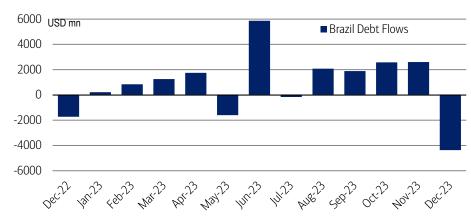


Source: BofA Global Research, Bloomberg

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Exhibit 16: Offshore monthly debt flows

Debt outflows observed in December



Source: BofA Global Research, Bloomberg

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Exhibit 17: Foreign holdings in Brazil Govt bonds

Foreign holdings as a % of outstanding reduced in November



Source: BofA Global Research, Bloomberg



Colombia

Exhibit 18: Funds' exposure to Colombian bonds and FX

Funds increased overweight positions in bonds and FX

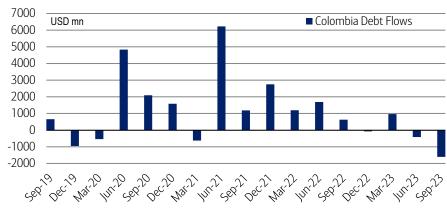


Source: BofA Global Research, Bloomberg

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Exhibit 19: Offshore quarterly debt flows

Debt outflows observed in in 3Q2023

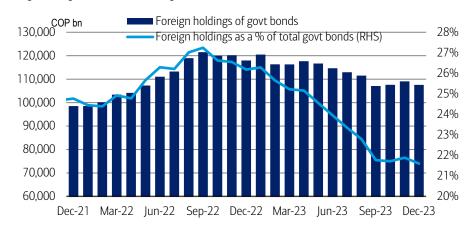


Source: BofA Global Research, Bloomberg

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Exhibit 20: Foreign holdings in Colombian govt bonds

Foreign holdings as a % of outstanding further reduced in December



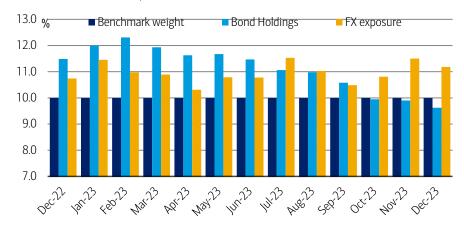
Source: BofA Global Research



Mexico

Exhibit 21: Funds exposure to Mexican bonds and FX

Funds reduced their absolute exposure to bonds and MXN



Source: BofA Global Research, fund factsheets

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Exhibit 22: Offshore monthly debt flows

Mexico witnessed debt outflows in Jan-24

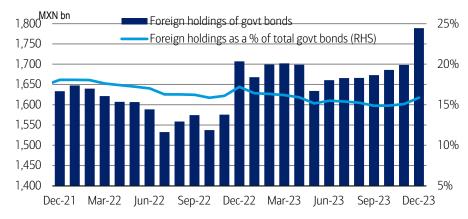


Source: BofA Global Research, Bloomberg.

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Exhibit 23: Foreign holdings in Mexican govt bonds

Foreign holdings as a % of outstanding increased in December



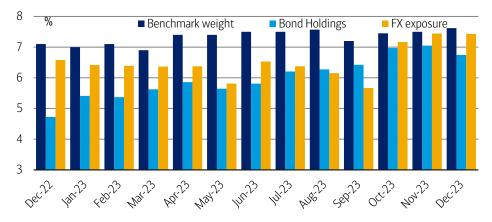
Source: BofA Global Research



Poland

Exhibit 24: Funds' exposure to Polish bonds and FX

Absolute exposure to Polish bonds reduced

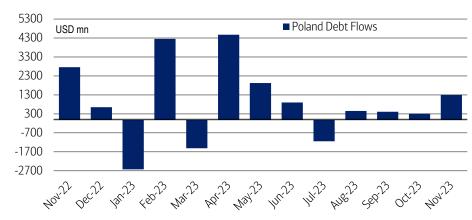


Source: BofA Global Research, Fund factsheets

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Exhibit 25: Offshore monthly debt flows

Debt inflows increased in Nov

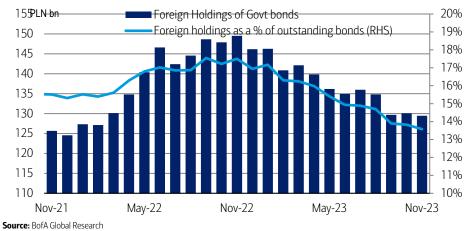


Source: BofA Global Research, Bloomberg

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Exhibit 26: Foreign holdings in Polish govt bonds

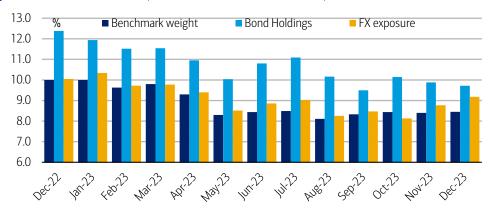
Foreign holdings as a % of outstanding reduced in Nov



South Africa

Exhibit 27: Funds' exposure to South African bonds and FX

Funds reduced their absolute exposure to bonds while increased their exposure to ZAR

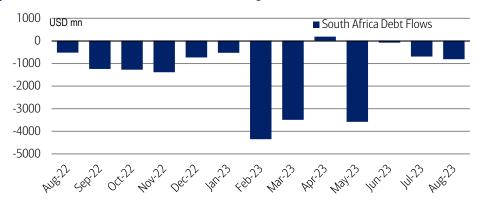


Source: BofA Global Research, fund factsheets

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Exhibit 28: Offshore monthly debt flows

South Africa continues to witness debt outflows in August

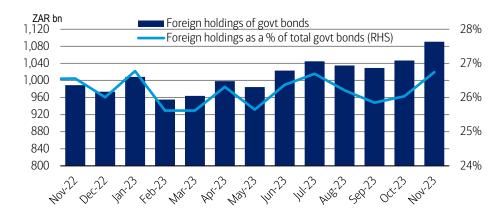


Source: BofA Global Research, Bloomberg

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Exhibit 29: Foreign holdings of South African govt bonds

Foreign holdings as a % of outstanding increased in November



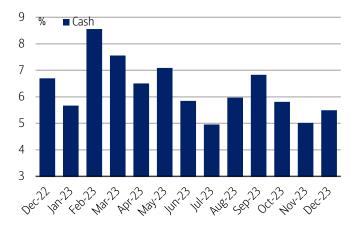
Source: BofA Global Research



Cash, Duration and Positioning

Exhibit 30: Cash

Funds increased their cash levels in Dec-23

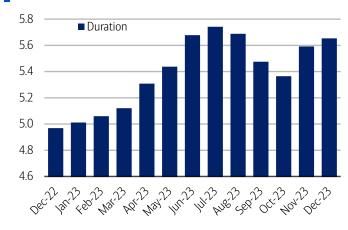


Source: BofA Global Research, Fund factsheets

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Exhibit 31: Duration in years

Duration further increased in Dec-23



Source: BofA Global Research, Fund factsheets

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Exhibit 32: Detailed table on positioning (%)

Bond and FX positioning (Nov-23 vs Dec-23)

	Dec-23					Nov-23				
	Benchmark	Bonds	OW/UW	FX	OW/UW	Benchmark	Bonds	OW/UW	FX	OW/UW
China	10.00	7.91	(2.09)	8.44	(1.56)	10.00	8.30	(1.70)	8.74	(1.26)
Indonesia	10.00	9.98	(0.02)	10.22	0.22	10.00	9.79	(0.21)	10.27	0.27
Malaysia	10.00	8.03	(1.97)	9.39	(0.61)	10.00	8.17	(1.83)	9.48	(0.52)
Thailand	9.67	7.35	(2.32)	8.66	(1.01)	9.60	7.56	(2.04)	9.08	(0.52)
Poland	7.62	6.75	(0.87)	7.43	(0.19)	7.50	7.05	(0.45)	7.44	(0.06)
South Africa	8.45	9.72	1.27	9.18	0.73	8.40	9.88	1.48	8.77	0.37
Brazil	10.00	9.58	(0.42)	10.72	0.72	10.00	9.44	(0.56)	10.78	0.78
Colombia	4.50	7.10	2.60	4.95	0.45	4.50	6.32	1.82	4.76	0.26
Mexico	10.00	9.62	(0.38)	11.18	1.18	10.00	9.90	(0.10)	11.50	1.50
Total	80.24	76.03	(4.21)	80.18	(0.06)	80.00	76.40	(3.60)	80.81	0.81

Source: BofA Global Research, fund factsheets

*Benchmark – JP Morgan GBI-EM Global Diversified Index

Methodology

Each month we analyze the holdings of large local currency debt funds globally to determine fund managers' holdings of emerging markets local currency bonds. We use data from fund factsheets from the respective websites of each fund which are published on a monthly basis. We compare each fund's holdings versus the benchmark weights to establish overweight and underweight bond and FX positions. We aggregate these overweight and underweight positions (weighted averages on AUM) by country, region, bonds, and FX to determine how the GBI-EM benchmarked investors globally are positioned.

The total assets under management (AUM) of the 38 funds we track is about 32.5bn USD. However, we believe the data we present is representative of almost all the investors that track GBI-EM, which is about 250bn-300bn USD.

Some considerations/assumptions

Generally, the fund factsheets give out numbers only for the top 10 exposures separately across bonds and FX. This means that if a particular country in the index does not figure in the top 10 holdings, we will not get to know their actual allocations. This might sometimes result in bigger swings in the actual holdings/exposure than what one would have anticipated.

Almost all the funds we track disclose their actual exposure in Brazil, Mexico, South Africa, Indonesia, Turkiye, Russia and Colombia. We also often get funds' exposure towards Thailand, Malaysia and Poland.

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