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**From:** Paul Barrett <[REDACTED]>  
**Sent:** Monday, October 15, 2018 6:56 PM  
**To:** jeffrey E.  
**Cc:** Richard Kahn  
**Subject:** RE: EM

Jeffrey

Rich mentioned you are looking at Turkey and Saudi.<=:p>

1 year Turkish Lira forwards are implying local interest rates around 29.30%. Could be a good way to play it.

Also we could do total return swaps on Saudi or Turkish indices. Better liquidity than the ETFs.

Paul Barrett

Alpha Group Capital LLC

142 W 57th Street, 11th Floor, New York, NY 10019

[REDACTED]

[REDACTED] <mailto:[REDACTED]>

From: Paul Barrett  
Sent: Monday, August 13, 2018 4:10 PM  
To: 'jeffrey E.' <jeevacation@gmail.com>  
Cc: 'Richard Kahn' <[REDACTED]>

Subject: EM

Jeffrey

Summary of some options when ready:

- \* Brazil local currency bond prices have been very stable. Most of the move has been in USDBRL. Best Option – Brazil 12.5% 2022 @7% YTM denom in BRL (vs 1yr F= forward implying 6.9%)
- \* Russian RUB govt bonds down 2=points. Mainly a RUB move. Best Option - Russia 6.4% 5/27/2020 @ 7.45% YTM denom in RUB (vs 1yr=FX forward implying 7.06%)
- \* Turkey TRY denominated gov= bonds down 10 points since last week and 36 points since April (63 price)= Yielding 21%. I prefer using a 1yr TRY forward which equates to a 27% yie=d and not worry about illiquidity in their bond market.

FX Spot Changes<=o:p>

=/p> 1 month

3 month

6 month

1 yr

BRL

-1.33%

-7.80%

-15.44%

-18%

RUB

-7.93%

-8.85%

-15%

-12%

TRY

-31%

-38.27%

-45.50%

-49.40%

Implied Interest Rate=based on FX Forwards

=/p> Spot

3 month

6 month

1 yr

BRL

=3.9000

3.34%

4.30%

6.91%

RUB

=nbsp; 68.03

3.43%

4.71%

7.06%

TRY

6.9800

8.33%

14.69%

27.88%

\* FX vol has also exploded. Do you want to see some option price=? The risk reversals are also pricing very well given how USD call vol has=exploded vs USD puts.

- \* BRL 3 month vol has gone from 12% to 20%
- \* RUB 3 m=nth vol has gone from 10% to 16%
- \* TRY 3 month vol has =one from 20% to 47%

Below is a list of the most liquid bonds:=/p>

#### Brazil

Petrobras 5.299% 1/27/2025 @ 6.35% YTM – USD D=nominated

Itau 6.2% 12/21/2021 @ 4.73% YTM – USD Denomin=ted

Brazil 12.5% 1/5/2022 @ 7.00% YTM – BRL Denomi=ated

#### Russia

RFLB 6.7% 5/15/2019 @ 6.58% YTM – RUB Denomina=ed

RFLB 6.80% 12/11/2019 @ 7.01% YTM – RUB Denomi=ated

RFLB 6.4% 5/27/2020 @ 7.45% YTM – RUB Denomina=ed

#### Turkey

Garanti 6.25% 4/20/2021 @ 10.74% YTM – USD Den=minated – Turkish Bank

Turkey Sovereign 7% 6/5/2020 @ 8.44% YTM– USD =enominated

Turkey Sovereign 12.4% 03/08/28 @ 21 YTM– TRY =enominated

Paul Barrett

Alpha Group Capital LLC

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[REDACTED]

[REDACTED] <mailto:[REDACTED]>