

SUMMARY

Best LONGS (Underperformers)

TWD
ILS
EURHUF

Best SHORTS (Outperformers)

PEN
BRL
COP
ZAR

Best CROSSES Long / Short

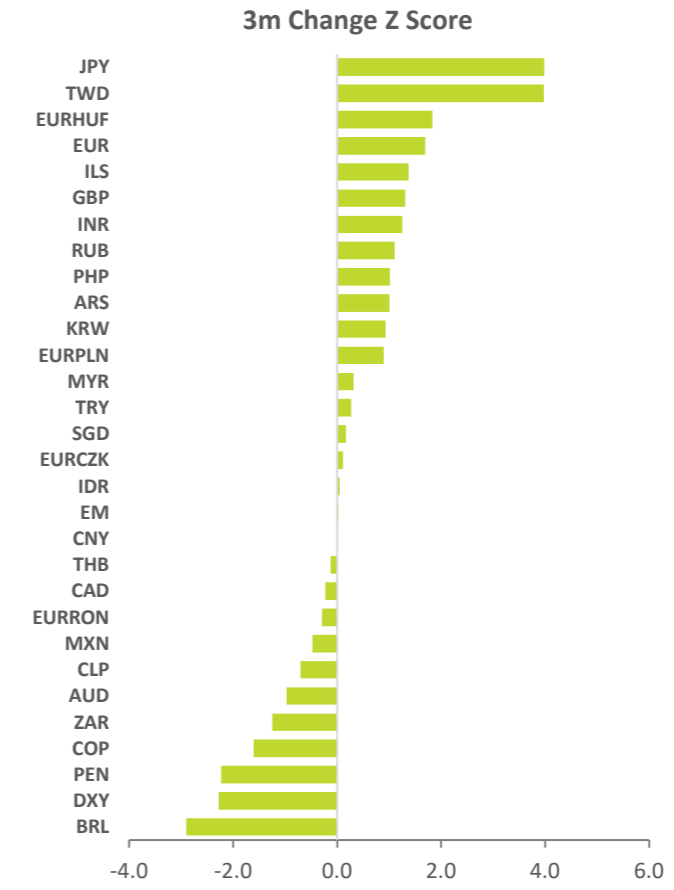
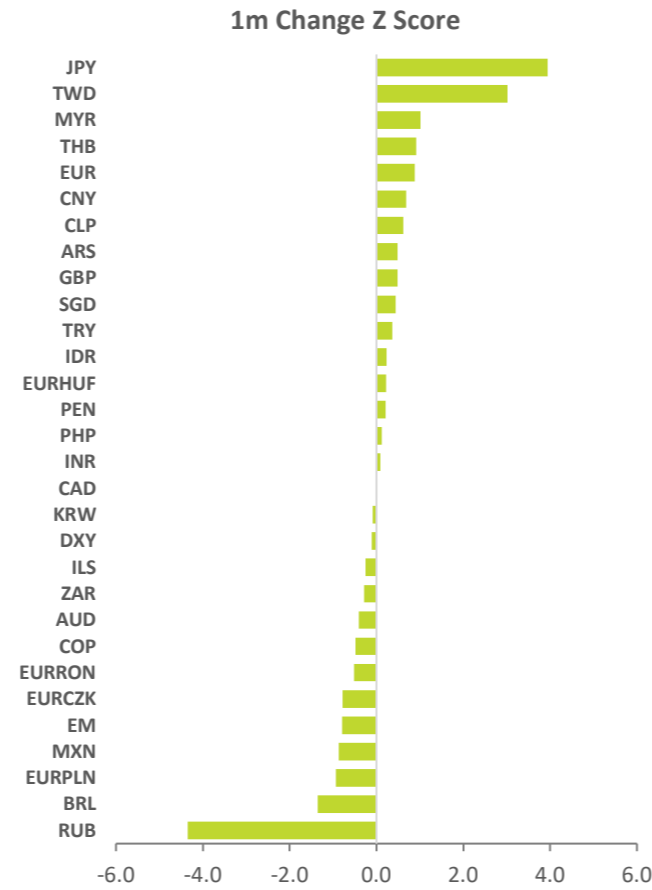
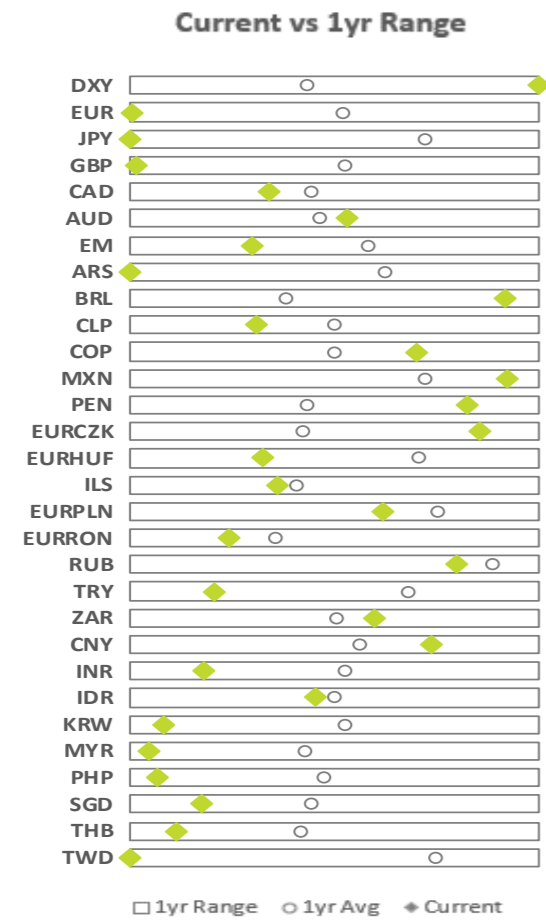
HUF / BRL
PLN / BRL
CZK / BRL
TWD / BRL
RON / BRL

COMMENTS

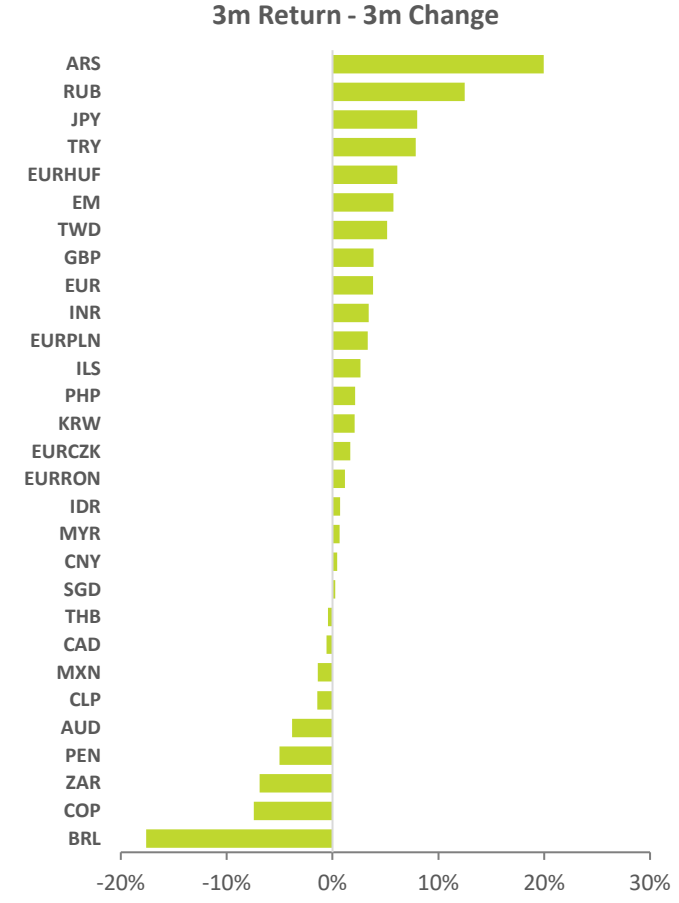
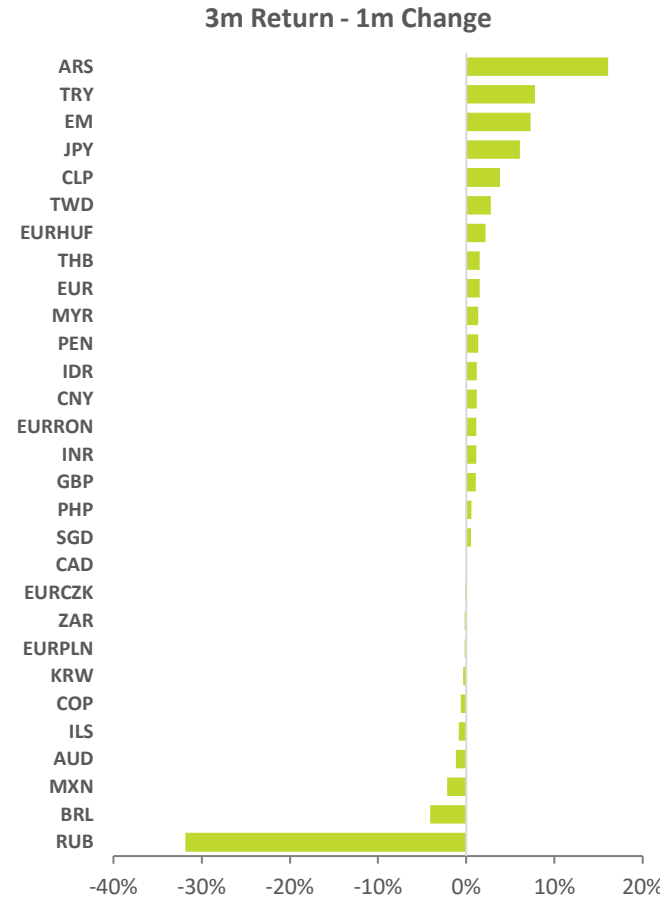
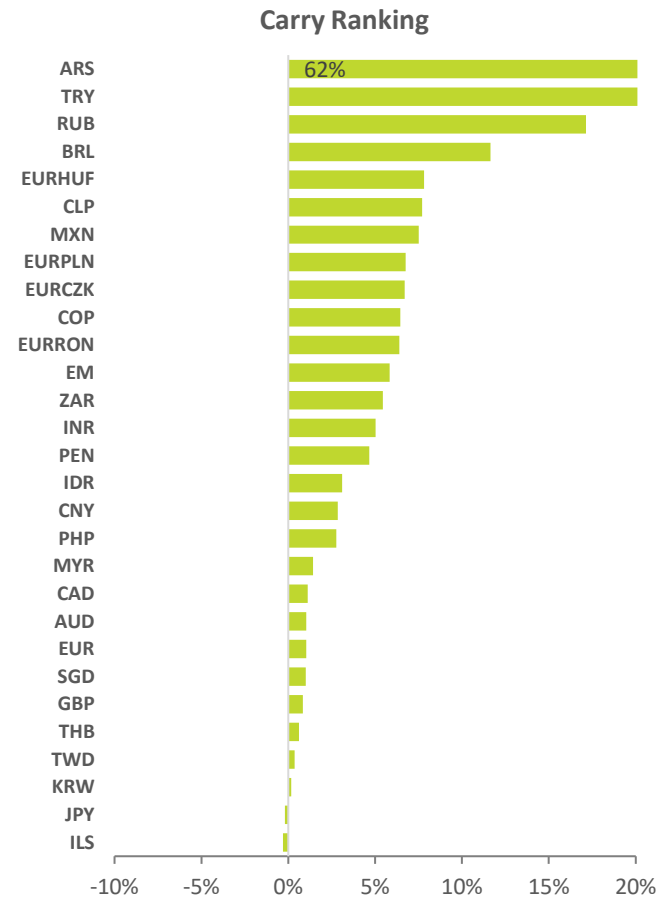
- **DXY** is at the strongest level since March 2020 and continues to appreciate
- For **CE FX**, we look at crosses against **EUR** not **USD**
- Given trading constraints and/or tail risks, we ignore buy signals for **RUB, TRY, and ARS**

NOTES

- The charts and tables in this document seek to identify leaders and laggards in EM FX markets
- Two approaches are used:
 - ° Comparing 1m and 3m changes relative to an asset's own history
 - ° Comparing 1m and 3m changes relative to other assets based on beta to an index
- The analysis, therefore, is not a forecasting tool but to be used for identifying dislocations, which we loosely define as price moves that cannot be justified by fundamentals
- Returns are not annualized, and are computed assuming mean reversion over a 3-month investment horizon



| | Spot | | | | Change | | | | 1-year Price Change | | Beta Implied Change | | | | Average Z Score | | |
|--------|--------|---------|-----------|---------|--------|-------|-------|--------|---------------------|-----------|---------------------|-----------|---------|-----------|-----------------|------|------|
| | Today | Weakest | Strongest | Average | 1d | 1m | 3m | 1y | 1m Zscore | 3m Zscore | 1m Beta | 1m Zscore | 3m Beta | 3m Zscore | 1m | 3m | |
| Global | DXY | 100.13 | 89.64 | 100.13 | 94.15 | 0.2% | 1.0% | 4.2% | 8.3% | -0.7 | -2.1 | 0.65 | 0.5 | 0.87 | -2.4 | -0.1 | -2.3 |
| | EUR | 1.09 | 1.09 | 1.23 | 1.16 | -0.2% | -0.5% | -4.2% | -9.2% | 0.2 | 1.8 | 0.79 | 1.5 | 0.96 | 1.6 | 0.9 | 1.7 |
| | JPY | 125.5 | 125.5 | 107.9 | 112.8 | -0.1% | -6.7% | -8.5% | -13.7% | 4.0 | 3.9 | -0.16 | 3.9 | 0.20 | 4.0 | 3.9 | 4.0 |
| | GBP | 1.30 | 1.30 | 1.42 | 1.36 | -0.1% | -0.1% | -4.2% | -5.4% | 0.1 | 1.4 | 0.73 | 0.9 | 0.95 | 1.2 | 0.5 | 1.3 |
| | CAD | 1.26 | 1.29 | 1.20 | 1.25 | 0.0% | 0.9% | 0.4% | -0.6% | -0.4 | 0.0 | 0.63 | 0.4 | 0.97 | -0.4 | 0.0 | -0.2 |
| | AUD | 0.74 | 0.70 | 0.78 | 0.74 | 0.3% | 2.1% | 3.7% | -2.4% | -0.7 | -0.9 | 0.62 | -0.1 | 0.67 | -1.0 | -0.4 | -1.0 |
| | EM | 76.62 | 73.94 | 82.95 | 79.21 | -0.1% | 2.7% | -0.7% | -5.7% | -1.6 | 0.0 | 1.00 | 0.0 | 1.00 | 0.0 | -0.8 | 0.0 |
| LatAm | ARS | 112.46 | 112.47 | 92.57 | 100.10 | 0.0% | -3.3% | -8.4% | -19.5% | 0.2 | 0.6 | -0.06 | 0.8 | -0.08 | 1.4 | 0.5 | 1.0 |
| | BRL | 4.69 | 5.75 | 4.59 | 5.31 | 0.2% | 8.0% | 18.9% | 20.2% | -1.7 | -2.9 | 1.16 | -1.0 | 1.75 | -2.9 | -1.4 | -2.9 |
| | CLP | 816.5 | 871.1 | 694.9 | 783.0 | 0.0% | -1.4% | 2.2% | -13.5% | 0.3 | -0.7 | 0.75 | 1.0 | 1.11 | -0.7 | 0.6 | -0.7 |
| | COP | 3733 | 4077 | 3587 | 3833 | 0.0% | 2.2% | 8.1% | -1.9% | -0.7 | -1.7 | 0.37 | -0.3 | 0.62 | -1.6 | -0.5 | -1.6 |
| | MXN | 19.86 | 21.91 | 19.68 | 20.30 | 0.4% | 5.1% | 2.5% | 1.4% | -1.2 | -0.4 | 1.04 | -0.5 | 0.99 | -0.5 | -0.9 | -0.5 |
| | PEN | 3.71 | 4.14 | 3.62 | 3.91 | 0.1% | -0.2% | 5.6% | -2.5% | 0.0 | -2.3 | 0.24 | 0.5 | 0.14 | -2.1 | 0.2 | -2.2 |
| CEEMEA | EURCZK | 24.44 | 26.01 | 24.18 | 25.23 | -0.1% | 2.5% | -0.4% | 6.2% | -1.2 | 0.2 | 0.73 | -0.3 | 0.69 | 0.0 | -0.8 | 0.1 |
| | EURHUF | 377.6 | 393.3 | 345.4 | 359.5 | 0.1% | 0.8% | -5.3% | -5.7% | -0.6 | 1.9 | 1.15 | 1.0 | 1.33 | 1.8 | 0.2 | 1.8 |
| | ILS | 3.22 | 3.30 | 3.08 | 3.21 | -0.2% | 1.0% | -2.8% | 2.3% | -0.4 | 1.5 | 0.32 | -0.1 | 0.02 | 1.2 | -0.2 | 1.4 |
| | EURPLN | 4.65 | 4.97 | 4.45 | 4.58 | 0.1% | 2.7% | -2.4% | -2.6% | -1.7 | 0.9 | 0.91 | -0.2 | 0.84 | 0.9 | -0.9 | 0.9 |
| | EURRON | 4.94 | 4.95 | 4.91 | 4.94 | -0.1% | 0.1% | 0.0% | -0.4% | -0.7 | -0.6 | 0.00 | -0.4 | -0.03 | 0.0 | -0.5 | -0.3 |
| | RUB | 82.78 | 135.50 | 69.32 | 76.72 | -2.2% | 42.4% | -10.2% | -6.9% | -5.3 | 1.1 | 5.28 | -3.5 | 2.16 | 1.1 | -4.4 | 1.1 |
| | TRY | 14.69 | 16.41 | 8.01 | 10.68 | -0.2% | 0.5% | -6.2% | -59.0% | -0.5 | 0.1 | 3.11 | 1.2 | 3.48 | 0.4 | 0.4 | 0.3 |
| ZAR | 14.59 | 16.30 | 13.43 | 14.85 | -0.1% | 3.2% | 7.1% | -0.2% | -0.7 | -1.1 | 1.48 | 0.2 | 2.20 | -1.3 | -0.3 | -1.2 | |
| Asia | CNY | 6.37 | 6.54 | 6.31 | 6.41 | -0.1% | -0.5% | 0.1% | 2.7% | 0.6 | 0.1 | 0.12 | 0.8 | 0.24 | -0.1 | 0.7 | 0.0 |
| | INR | 76.15 | 76.96 | 72.40 | 74.55 | -0.4% | 0.4% | -2.8% | -1.5% | -0.5 | 1.2 | 0.52 | 0.6 | 0.53 | 1.3 | 0.1 | 1.3 |
| | IDR | 14360 | 14600 | 14070 | 14334 | 0.0% | -0.4% | -0.4% | 1.6% | 0.1 | 0.1 | 0.22 | 0.3 | 0.38 | 0.0 | 0.2 | 0.1 |
| | KRW | 1230 | 1241 | 1107 | 1170 | 0.4% | 0.6% | -2.6% | -8.9% | -0.5 | 0.9 | 0.41 | 0.3 | 0.33 | 1.0 | -0.1 | 0.9 |
| | MYR | 4.23 | 4.24 | 4.09 | 4.18 | 0.0% | -0.9% | -0.8% | -2.4% | 0.7 | 0.3 | 0.30 | 1.4 | 0.37 | 0.3 | 1.0 | 0.3 |
| | PHP | 52.08 | 52.41 | 47.64 | 50.16 | 0.0% | 0.4% | -1.8% | -7.0% | -0.3 | 1.1 | 0.43 | 0.6 | 0.39 | 0.9 | 0.1 | 1.0 |
| | SGD | 1.36 | 1.37 | 1.32 | 1.35 | 0.2% | 0.1% | -0.5% | -1.6% | -0.1 | 0.3 | 0.46 | 1.0 | 0.55 | 0.1 | 0.4 | 0.2 |
| | THB | 33.62 | 33.95 | 31.04 | 32.73 | -0.1% | -1.0% | 0.0% | -6.6% | 0.5 | -0.1 | 0.56 | 1.4 | 0.59 | -0.2 | 0.9 | -0.1 |
| | TWD | 29.14 | 29.14 | 27.51 | 27.92 | -0.4% | -2.6% | -5.2% | -2.4% | 2.8 | 4.2 | 0.23 | 3.2 | 0.37 | 3.7 | 3.0 | 4.0 |



| | Spot Today | 3m Fwd Today | Ann 3m Imp Yld | 1-year Price Change | | | | Beta Implied Change | | | | Average 3m Return | | |
|--------|------------|--------------|----------------|---------------------|-----------|------------|-----------|---------------------|-----------|------------|-----------|-------------------|--------|--|
| | | | | 1m chg | | 3m chg | | 1m chg | | 3m chg | | 1m | 3m | |
| | | | | Fair Value | 3m Return | Fair Value | 3m Return | Fair Value | 3m Return | Fair Value | 3m Return | | | |
| DXY | 100.13 | | | | | | | | | | | | | |
| Global | | | | | | | | | | | | | | |
| EUR | 1.09 | 1.09 | 1.0% | 1.09 | 0.4% | 1.13 | 4.1% | 1.11 | 2.6% | 1.13 | 3.5% | 1.5% | 3.8% | |
| JPY | 125.5 | 125.1 | -0.2% | 117.6 | 6.2% | 115.6 | 7.9% | 117.8 | 6.0% | 115.4 | 8.1% | 6.1% | 8.0% | |
| GBP | 1.30 | 1.30 | 0.8% | 1.30 | 0.1% | 1.36 | 4.2% | 1.33 | 2.0% | 1.35 | 3.5% | 1.1% | 3.9% | |
| CAD | 1.26 | 1.26 | 1.1% | 1.27 | -0.7% | 1.26 | -0.1% | 1.25 | 0.8% | 1.28 | -1.0% | 0.0% | -0.6% | |
| AUD | 0.74 | 0.74 | 1.0% | 0.73 | -1.9% | 0.72 | -3.5% | 0.74 | -0.4% | 0.71 | -4.1% | -1.2% | -3.8% | |
| EM | 76.62 | | 5.8% | 78.90 | 8.8% | 76.53 | 5.7% | 76.62 | 5.8% | 76.62 | 5.8% | 7.3% | 5.8% | |
| LatAm | | | | | | | | | | | | | | |
| ARS | 112.46 | 129.45 | 61.8% | 111.48 | 15.0% | 108.75 | 17.4% | 108.95 | 17.2% | 103.39 | 22.5% | 16.1% | 20.0% | |
| BRL | 4.69 | 4.81 | 11.6% | 5.10 | -5.9% | 5.74 | -17.7% | 4.92 | -2.3% | 5.73 | -17.6% | -4.1% | -17.6% | |
| CLP | 816.5 | 830.2 | 7.7% | 808.9 | 2.6% | 842.8 | -1.5% | 789.5 | 5.0% | 841.5 | -1.3% | 3.8% | -1.4% | |
| COP | 3733 | 3784 | 6.4% | 3834 | -1.3% | 4089 | -7.8% | 3779 | 0.1% | 4064 | -7.2% | -0.6% | -7.5% | |
| MXN | 19.86 | 20.18 | 7.5% | 20.92 | -3.6% | 20.42 | -1.2% | 20.33 | -0.7% | 20.50 | -1.6% | -2.2% | -1.4% | |
| PEN | 3.71 | 3.74 | 4.7% | 3.71 | 0.9% | 3.95 | -5.3% | 3.68 | 1.8% | 3.92 | -4.8% | 1.3% | -5.0% | |
| CEEMEA | | | | | | | | | | | | | | |
| EURCZK | 24.44 | 24.79 | 6.7% | 25.04 | -1.0% | 24.29 | 2.0% | 24.59 | 0.8% | 24.45 | 1.4% | -0.1% | 1.7% | |
| EURHUF | 377.6 | 384.1 | 7.8% | 382.4 | 0.4% | 361.1 | 6.2% | 369.4 | 3.9% | 361.5 | 6.1% | 2.2% | 6.1% | |
| ILS | 3.22 | 3.21 | -0.3% | 3.24 | -1.1% | 3.11 | 2.9% | 3.22 | -0.5% | 3.13 | 2.4% | -0.8% | 2.6% | |
| EURPLN | 4.65 | 4.72 | 6.8% | 4.79 | -1.5% | 4.56 | 3.4% | 4.67 | 1.1% | 4.57 | 3.3% | -0.2% | 3.3% | |
| EURRON | 4.94 | 5.01 | 6.4% | 4.95 | 1.1% | 4.95 | 1.1% | 4.95 | 1.2% | 4.94 | 1.3% | 1.2% | 1.2% | |
| RUB | 82.78 | 86.10 | 17.1% | 127.43 | -39.2% | 76.09 | 12.4% | 109.95 | -24.5% | 75.88 | 12.6% | -31.8% | 12.5% | |
| TRY | 14.69 | 15.50 | 23.0% | 15.13 | 2.4% | 14.51 | 6.6% | 13.59 | 13.1% | 14.14 | 9.1% | 7.8% | 7.9% | |
| ZAR | 14.59 | 14.75 | 5.4% | 15.07 | -2.2% | 15.70 | -6.2% | 14.48 | 1.8% | 15.90 | -7.5% | -0.2% | -6.9% | |
| Asia | | | | | | | | | | | | | | |
| CNY | 6.37 | 6.40 | 2.9% | 6.33 | 1.1% | 6.36 | 0.7% | 6.32 | 1.3% | 6.39 | 0.2% | 1.2% | 0.4% | |
| INR | 76.15 | 76.90 | 5.0% | 76.67 | 0.3% | 74.33 | 3.4% | 75.43 | 1.9% | 74.29 | 3.5% | 1.1% | 3.4% | |
| IDR | 14360 | 14434 | 3.1% | 14304 | 0.9% | 14315 | 0.8% | 14216 | 1.5% | 14343 | 0.6% | 1.2% | 0.7% | |
| KRW | 1230 | 1227 | 0.2% | 1239 | -1.0% | 1203 | 2.0% | 1224 | 0.3% | 1201 | 2.2% | -0.4% | 2.1% | |
| MYR | 4.23 | 4.24 | 1.4% | 4.20 | 0.9% | 4.20 | 0.7% | 4.16 | 1.8% | 4.21 | 0.6% | 1.4% | 0.7% | |
| PHP | 52.08 | 52.31 | 2.8% | 52.30 | 0.0% | 51.13 | 2.3% | 51.72 | 1.1% | 51.29 | 2.0% | 0.6% | 2.1% | |
| SGD | 1.36 | 1.36 | 1.0% | 1.36 | -0.1% | 1.36 | 0.4% | 1.35 | 1.1% | 1.36 | 0.1% | 0.5% | 0.3% | |
| THB | 33.62 | 33.59 | 0.6% | 33.35 | 0.7% | 33.70 | -0.3% | 32.80 | 2.4% | 33.76 | -0.5% | 1.5% | -0.4% | |
| TWD | 29.14 | 29.09 | 0.4% | 28.35 | 2.6% | 27.54 | 5.5% | 28.23 | 3.0% | 27.73 | 4.8% | 2.8% | 5.1% | |

Cross FX 3m Returns (based on mean reversion of 3m changes)

| | | SHORT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | EUR | JPY | GBP | CAD | AUD | ARS | BRL | CLP | COP | MXN | PEN | CZK | HUF | ILS | PLN | RON | RUB | TRY | ZAR | CNY | INR | IDR | KRW | MYR | PHP | SGD | THB | TWD |
| LONG | EUR | 0.0% | -4.2% | 0.0% | 4.4% | 7.6% | -16.1% | 21.4% | 5.2% | 11.3% | 5.2% | 8.8% | -1.3% | -5.7% | 1.2% | -3.0% | -0.7% | -8.7% | -4.1% | 10.7% | 3.4% | 0.4% | 3.1% | 1.7% | 3.1% | 1.7% | 3.6% | 4.2% | -1.3% |
| | JPY | 4.2% | 0.0% | 4.1% | 8.6% | 11.8% | -12.0% | 25.6% | 9.4% | 15.4% | 9.4% | 13.0% | 2.9% | -1.5% | 5.3% | 1.2% | 3.4% | -4.5% | 0.1% | 14.9% | 7.5% | 4.6% | 7.3% | 5.9% | 7.3% | 5.9% | 7.7% | 8.4% | 2.8% |
| | GBP | 0.0% | -4.1% | 0.0% | 4.4% | 7.7% | -16.1% | 21.5% | 5.3% | 11.3% | 5.2% | 8.9% | -1.3% | -5.6% | 1.2% | -3.0% | -0.7% | -8.6% | -4.0% | 10.7% | 3.4% | 0.4% | 3.1% | 1.8% | 3.2% | 1.7% | 3.6% | 4.3% | -1.3% |
| | CAD | -4.4% | -8.6% | -4.4% | 0.0% | 3.3% | -20.5% | 17.1% | 0.9% | 6.9% | 0.8% | 4.5% | -5.7% | -10.0% | -3.2% | -7.4% | -5.1% | -13.1% | -8.4% | 6.3% | -1.0% | -4.0% | -1.3% | -2.6% | -1.2% | -2.7% | -0.8% | -0.1% | -5.7% |
| | AUD | -7.6% | -11.8% | -7.7% | -3.3% | 0.0% | -23.8% | 13.8% | -2.4% | 3.6% | -2.4% | 1.2% | -9.0% | -13.3% | -6.5% | -10.6% | -8.4% | -16.3% | -11.7% | 3.1% | -4.3% | -7.2% | -4.6% | -5.9% | -4.5% | -5.9% | -4.1% | -3.4% | -9.0% |
| | ARS | 16.1% | 12.0% | 16.1% | 20.5% | 23.8% | 0.0% | 37.6% | 21.4% | 27.4% | 21.3% | 25.0% | 14.8% | 10.5% | 17.3% | 13.1% | 15.4% | 7.5% | 12.1% | 26.8% | 19.5% | 16.5% | 19.2% | 17.9% | 19.3% | 17.8% | 19.7% | 20.4% | 14.8% |
| | BRL | -21.4% | -25.6% | -21.5% | -17.1% | -13.8% | -37.6% | 0.0% | -16.2% | -10.2% | -16.2% | -12.6% | -22.8% | -27.1% | -20.3% | -24.4% | -22.2% | -30.1% | -25.5% | -10.7% | -18.1% | -21.1% | -18.4% | -19.7% | -18.3% | -19.8% | -17.9% | -17.2% | -22.8% |
| | CLP | -5.2% | -9.4% | -5.3% | -0.9% | 2.4% | -21.4% | 16.2% | 0.0% | 6.0% | 0.0% | 3.6% | -6.6% | -10.9% | -4.1% | -8.2% | -6.0% | -13.9% | -9.3% | 5.5% | -1.9% | -4.9% | -2.2% | -3.5% | -2.1% | -3.6% | -1.7% | -1.0% | -6.6% |
| | COP | -11.3% | -15.4% | -11.3% | -6.9% | -3.6% | -27.4% | 10.2% | -6.0% | 0.0% | -6.1% | -2.4% | -12.6% | -16.9% | -10.1% | -14.3% | -12.0% | -20.0% | -15.3% | -0.6% | -7.9% | -10.9% | -8.2% | -9.5% | -8.1% | -9.6% | -7.7% | -7.0% | -12.6% |
| | MXN | -5.2% | -9.4% | -5.2% | -0.8% | 2.4% | -21.3% | 16.2% | 0.0% | 6.1% | 0.0% | 3.6% | -6.5% | -10.9% | -4.0% | -8.2% | -5.9% | -13.9% | -9.3% | 5.5% | -1.8% | -4.8% | -2.1% | -3.5% | -2.1% | -3.5% | -1.6% | -1.0% | -6.5% |
| | PEN | -8.8% | -13.0% | -8.9% | -4.5% | -1.2% | -25.0% | 12.6% | -3.6% | 2.4% | -3.6% | 0.0% | -10.2% | -14.5% | -7.7% | -11.8% | -9.6% | -17.5% | -12.9% | 1.9% | -5.5% | -8.4% | -5.7% | -7.1% | -5.7% | -7.1% | -5.3% | -4.6% | -10.2% |
| | CZK | 1.3% | -2.9% | 1.3% | 5.7% | 9.0% | -14.8% | 22.8% | 6.6% | 12.6% | 6.5% | 10.2% | 0.0% | -4.3% | 2.5% | -1.7% | 0.6% | -7.4% | -2.7% | 12.0% | 4.7% | 1.7% | 4.4% | 3.1% | 4.5% | 3.0% | 4.9% | 5.6% | 0.0% |
| | HUF | 5.7% | 1.5% | 5.6% | 10.0% | 13.3% | -10.5% | 27.1% | 10.9% | 16.9% | 10.9% | 14.5% | 4.3% | 0.0% | 6.8% | 2.7% | 4.9% | -3.0% | 1.6% | 16.4% | 9.0% | 6.1% | 8.8% | 7.4% | 8.8% | 7.4% | 9.2% | 9.9% | 4.3% |
| | ILS | -1.2% | -5.3% | -1.2% | 3.2% | 6.5% | -17.3% | 20.3% | 4.1% | 10.1% | 4.0% | 7.7% | -2.5% | -6.8% | 0.0% | -4.2% | -1.9% | -9.8% | -5.2% | 9.5% | 2.2% | -0.8% | 1.9% | 0.6% | 2.0% | 0.5% | 2.4% | 3.1% | -2.5% |
| | PLN | 3.0% | -1.2% | 3.0% | 7.4% | 10.6% | -13.1% | 24.4% | 8.2% | 14.3% | 8.2% | 11.8% | 1.7% | -2.7% | 4.2% | 0.0% | 2.2% | -5.7% | -1.1% | 13.7% | 6.4% | 3.4% | 6.1% | 4.7% | 6.1% | 4.7% | 6.6% | 7.2% | 1.7% |
| | RON | 0.7% | -3.4% | 0.7% | 5.1% | 8.4% | -15.4% | 22.2% | 6.0% | 12.0% | 5.9% | 9.6% | -0.6% | -4.9% | 1.9% | -2.2% | 0.0% | -7.9% | -3.3% | 11.4% | 4.1% | 1.1% | 3.8% | 2.5% | 3.9% | 2.4% | 4.3% | 5.0% | -0.6% |
| | RUB | 8.7% | 4.5% | 8.6% | 13.1% | 16.3% | -7.5% | 30.1% | 13.9% | 20.0% | 13.9% | 17.5% | 7.4% | 3.0% | 9.8% | 5.7% | 7.9% | 0.0% | 4.6% | 19.4% | 12.1% | 9.1% | 11.8% | 10.4% | 11.8% | 10.4% | 12.2% | 12.9% | 7.4% |
| | TRY | 4.1% | -0.1% | 4.0% | 8.4% | 11.7% | -12.1% | 25.5% | 9.3% | 15.3% | 9.3% | 12.9% | 2.7% | -1.6% | 5.2% | 1.1% | 3.3% | -4.6% | 0.0% | 14.8% | 7.4% | 4.4% | 7.1% | 5.8% | 7.2% | 5.8% | 7.6% | 8.3% | 2.7% |
| | ZAR | -10.7% | -14.9% | -10.7% | -6.3% | -3.1% | -26.8% | 10.7% | -5.5% | 0.6% | -5.5% | -1.9% | -12.0% | -16.4% | -9.5% | -13.7% | -11.4% | -19.4% | -14.8% | 0.0% | -7.3% | -10.3% | -7.6% | -9.0% | -7.6% | -9.0% | -7.1% | -6.5% | -12.0% |
| | CNY | -3.4% | -7.5% | -3.4% | 1.0% | 4.3% | -19.5% | 18.1% | 1.9% | 7.9% | 1.8% | 5.5% | -4.7% | -9.0% | -2.2% | -6.4% | -4.1% | -12.1% | -7.4% | 7.3% | 0.0% | -3.0% | -0.3% | -1.6% | -0.2% | -1.7% | 0.2% | 0.9% | -4.7% |
| INR | -0.4% | -4.6% | -0.4% | 4.0% | 7.2% | -16.5% | 21.1% | 4.9% | 10.9% | 4.8% | 8.4% | -1.7% | -6.1% | 0.8% | -3.4% | -1.1% | -9.1% | -4.4% | 10.3% | 3.0% | 0.0% | 2.7% | 1.3% | 2.7% | 1.3% | 3.2% | 3.8% | -1.7% | |
| IDR | -3.1% | -7.3% | -3.1% | 1.3% | 4.6% | -19.2% | 18.4% | 2.2% | 8.2% | 2.1% | 5.7% | -4.4% | -8.8% | -1.9% | -6.1% | -3.8% | -11.8% | -7.1% | 7.6% | 0.3% | -2.7% | 0.0% | -1.4% | 0.1% | -1.4% | 0.5% | 1.2% | -4.4% | |
| KRW | -1.7% | -5.9% | -1.8% | 2.6% | 5.9% | -17.9% | 19.7% | 3.5% | 9.5% | 3.5% | 7.1% | -3.1% | -7.4% | -0.6% | -4.7% | -2.5% | -10.4% | -5.8% | 9.0% | 1.6% | -1.3% | 1.4% | 0.0% | 1.4% | 0.0% | 1.8% | 2.5% | -3.1% | |
| MYR | -3.1% | -7.3% | -3.2% | 1.2% | 4.5% | -19.3% | 18.3% | 2.1% | 8.1% | 2.1% | 5.7% | -4.5% | -8.8% | -2.0% | -6.1% | -3.9% | -11.8% | -7.2% | 7.6% | 0.2% | -2.7% | -0.1% | -1.4% | 0.0% | -1.4% | 0.4% | 1.1% | -4.5% | |
| PHP | -1.7% | -5.9% | -1.7% | 2.7% | 5.9% | -17.8% | 19.8% | 3.6% | 9.6% | 3.5% | 7.1% | -3.0% | -7.4% | -0.5% | -4.7% | -2.4% | -10.4% | -5.8% | 9.0% | 1.7% | -1.3% | 1.4% | 0.0% | 1.4% | 0.0% | 1.9% | 2.5% | -3.0% | |
| SGD | -3.6% | -7.7% | -3.6% | 0.8% | 4.1% | -19.7% | 17.9% | 1.7% | 7.7% | 1.6% | 5.3% | -4.9% | -9.2% | -2.4% | -6.6% | -4.3% | -12.2% | -7.6% | 7.1% | -0.2% | -3.2% | -0.5% | -1.8% | -0.4% | -1.9% | 0.0% | 0.7% | -4.9% | |
| THB | -4.2% | -8.4% | -4.3% | 0.1% | 3.4% | -20.4% | 17.2% | 1.0% | 7.0% | 1.0% | 4.6% | -5.6% | -9.9% | -3.1% | -7.2% | -5.0% | -12.9% | -8.3% | 6.5% | -0.9% | -3.8% | -1.2% | -2.5% | -1.1% | -2.5% | -0.7% | 0.0% | -5.6% | |
| TWD | 1.3% | -2.8% | 1.3% | 5.7% | 9.0% | -14.8% | 22.8% | 6.6% | 12.6% | 6.5% | 10.2% | 0.0% | -4.3% | 2.5% | -1.7% | 0.6% | -7.4% | -2.7% | 12.0% | 4.7% | 1.7% | 4.4% | 3.1% | 4.5% | 3.0% | 4.9% | 5.6% | 0.0% | |

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