



SUMMARY

Best LONGS (Underperformers)

RUB
COP

Best SHORTS (Outperformers)

TWD
CNY
SGD

Best CROSSES Long / Short

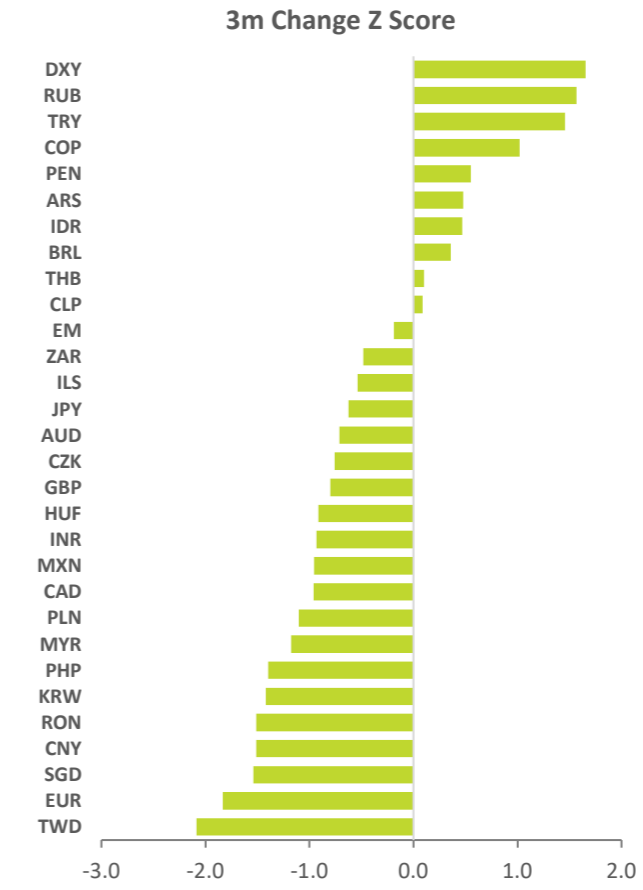
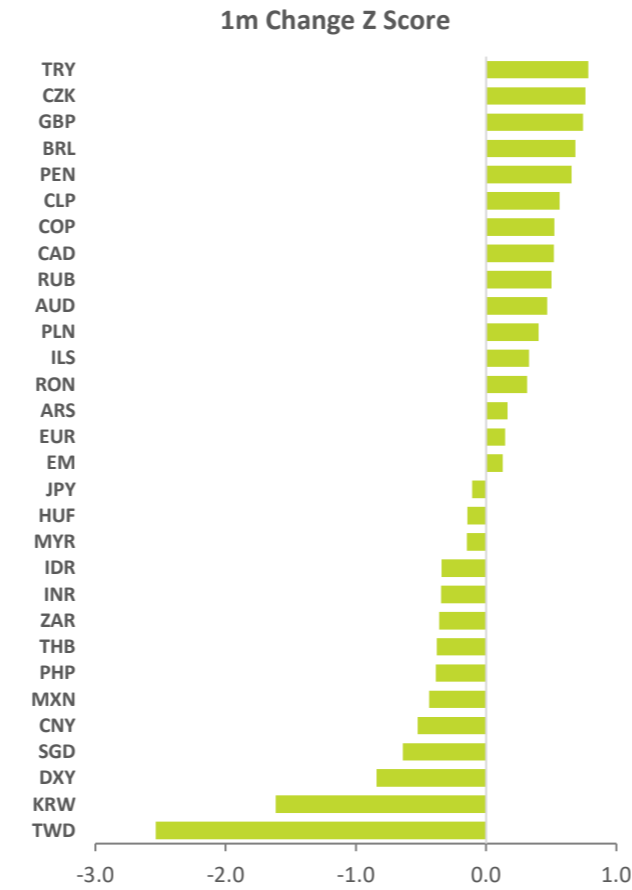
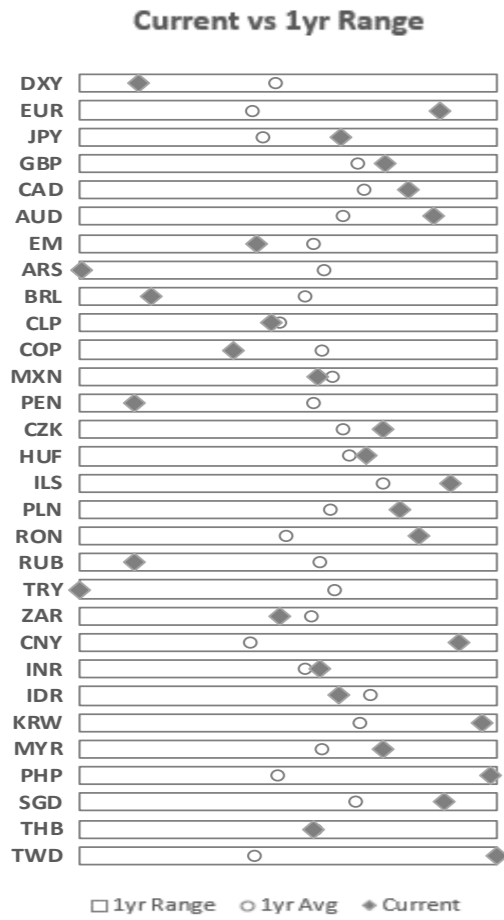
RUB / EUR
RUB / MXN
RUB / PLN
COP / EUR

COMMENTS

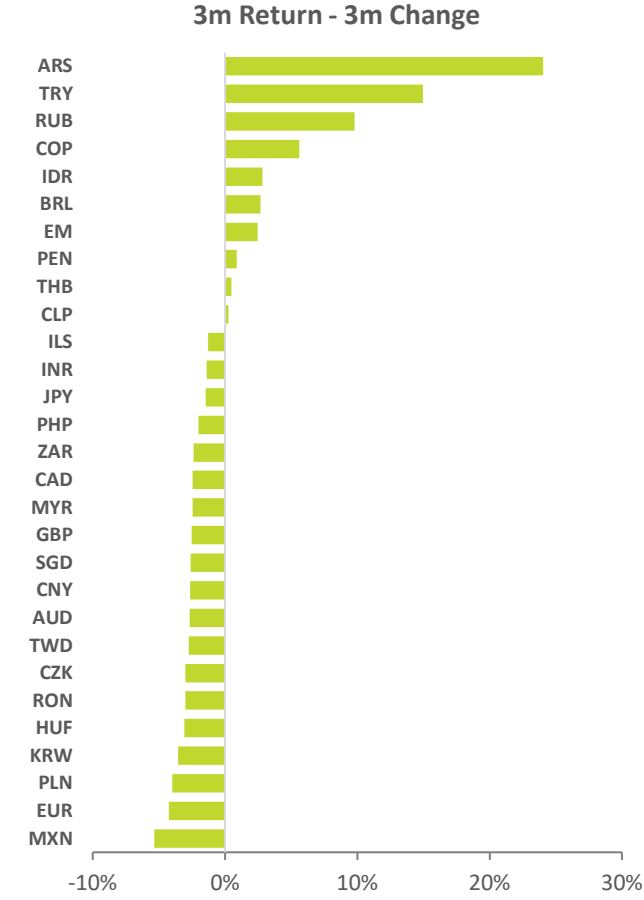
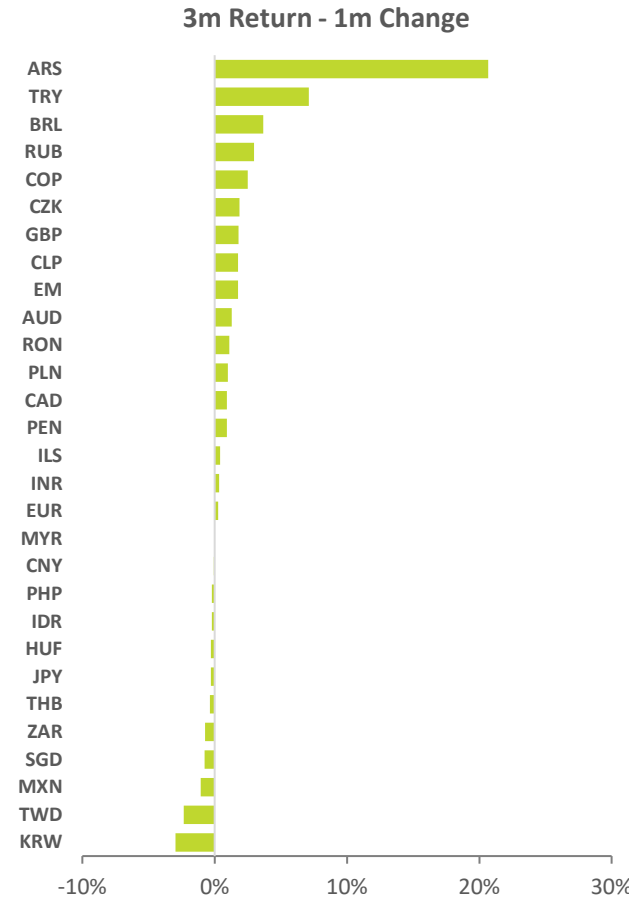
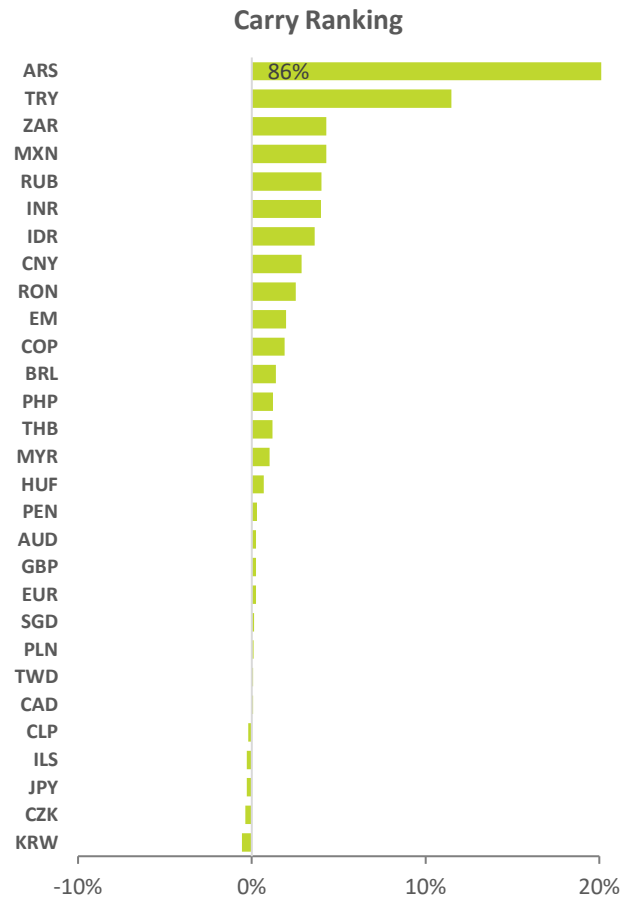
- **USD** weakened significantly through July, especially against G10, but has been range-bound at weak levels since then
- While **TRY** and **ARS** appear cheap, fundamentals imply that they remain vulnerable to further weakness
- **CEE FX** look expensive against **USD** but not against **EUR**, which is the right cross to follow for them

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 those that cannot be justified by fundamentals
- Returns are not annualized, and are computed assuming a 3-month investment horizon and mean reversion



	Spot				Change				1-year Price Change		Beta Implied Change				Average Z Score		
	Today	Weakest	Strongest	Average	1d	1w	1m	3m	1m Zscore	3m Zscore	1m Beta	1m Zscore	3m Beta	3m Zscore	1m	3m	
Global	DXY	93.67	92.14	102.82	97.17	0.0%	-0.2%	1.0%	-3.4%	-0.7	1.6	0.51	-1.0	0.45	1.7	-0.8	1.7
	EUR	1.18	1.07	1.19	1.12	0.3%	0.4%	-0.4%	4.3%	0.2	-1.9	0.44	0.0	0.40	-1.8	0.1	-1.8
	JPY	106.0	112.1	102.3	107.8	-0.3%	-0.5%	0.3%	1.4%	-0.1	-0.6	-0.04	-0.1	-0.10	-0.7	-0.1	-0.6
	GBP	1.29	1.15	1.34	1.28	0.0%	-0.3%	-2.2%	2.6%	0.9	-0.8	0.95	0.6	0.83	-0.8	0.7	-0.8
	CAD	1.33	1.45	1.30	1.34	0.2%	0.3%	-1.4%	2.4%	0.7	-1.1	0.92	0.4	0.87	-0.8	0.5	-1.0
	AUD	0.71	0.57	0.74	0.68	0.4%	-0.4%	-2.0%	2.6%	0.6	-0.8	1.51	0.3	1.37	-0.6	0.5	-0.7
	EM	79.55	75.52	84.96	80.85	0.3%	0.4%	-0.8%	0.3%	0.3	-0.4	1.00	0.0	1.00	0.0	0.1	-0.2
LatAm	ARS	76.93	77.06	57.80	65.72	0.2%	-1.0%	-3.0%	-8.2%	-0.1	0.1	0.10	0.4	0.16	0.9	0.2	0.5
	BRL	5.56	5.89	3.99	4.86	0.6%	0.9%	-4.8%	-3.3%	0.7	0.1	2.21	0.6	2.05	0.6	0.7	0.4
	CLP	794.9	867.8	709.5	791.3	0.5%	-1.3%	-2.6%	-0.7%	0.6	-0.1	1.18	0.5	1.02	0.3	0.6	0.1
	COP	3831	4178	3242	3634	0.0%	-0.2%	-3.2%	-5.5%	0.6	0.8	2.07	0.4	1.94	1.2	0.5	1.0
	MXN	21.45	25.34	18.53	21.19	1.2%	3.0%	0.8%	6.3%	-0.3	-1.1	2.68	-0.6	2.68	-0.8	-0.4	-1.0
	PEN	3.58	3.62	3.30	3.44	0.2%	0.7%	-1.1%	-1.1%	0.6	0.4	0.28	0.7	0.11	0.7	0.7	0.5
CEEMEA	CZK	22.99	25.98	21.87	23.37	0.2%	0.4%	-2.7%	3.0%	0.9	-0.8	1.39	0.6	1.32	-0.7	0.8	-0.8
	HUF	305.2	337.9	290.3	307.1	0.7%	1.6%	-0.3%	2.9%	-0.1	-1.1	1.13	-0.2	0.98	-0.8	-0.1	-0.9
	ILS	3.40	3.81	3.35	3.48	0.5%	0.6%	-0.8%	1.3%	0.5	-0.5	0.57	0.2	0.57	-0.5	0.3	-0.5
	PLN	3.81	4.30	3.67	3.92	0.3%	1.4%	-1.6%	4.0%	0.6	-1.2	1.20	0.2	1.14	-1.0	0.4	-1.1
	RON	4.14	4.53	4.05	4.29	0.3%	0.3%	-0.8%	3.5%	0.4	-1.6	0.53	0.2	0.49	-1.4	0.3	-1.5
	RUB	78.05	80.68	61.01	69.34	0.4%	-0.7%	-3.2%	-9.2%	0.6	1.4	2.04	0.4	2.05	1.7	0.5	1.6
	TRY	7.88	7.88	5.69	6.54	-1.1%	-2.1%	-5.6%	-13.9%	0.7	1.2	0.73	0.9	0.92	1.7	0.8	1.5
ZAR	16.63	19.09	13.99	16.25	0.6%	0.6%	0.7%	3.1%	-0.2	-0.6	2.08	-0.5	2.36	-0.3	-0.4	-0.5	
Asia	CNY	6.79	7.17	6.75	7.00	0.0%	0.0%	0.6%	3.2%	-0.5	-1.6	0.21	-0.6	0.24	-1.5	-0.5	-1.5
	INR	73.27	76.97	70.56	73.50	0.2%	0.4%	0.2%	2.1%	-0.3	-1.1	0.47	-0.4	0.60	-0.8	-0.3	-0.9
	IDR	14690	16550	13565	14457	0.1%	1.0%	0.3%	-2.0%	-0.2	0.3	1.63	-0.5	1.64	0.6	-0.3	0.5
	KRW	1158	1273	1154	1193	0.6%	0.6%	2.5%	3.3%	-1.5	-1.5	0.52	-1.7	0.53	-1.3	-1.6	-1.4
	MYR	4.16	4.44	4.05	4.21	-0.1%	0.0%	0.0%	2.8%	0.0	-1.2	0.58	-0.3	0.66	-1.2	-0.1	-1.2
	PHP	48.40	51.91	48.36	50.22	0.2%	0.1%	0.5%	2.4%	-0.3	-1.3	0.16	-0.5	0.16	-1.5	-0.4	-1.4
	SGD	1.36	1.46	1.34	1.38	0.3%	0.5%	0.5%	2.6%	-0.5	-1.6	0.52	-0.8	0.56	-1.5	-0.6	-1.5
	THB	31.22	33.10	29.76	31.21	0.0%	1.2%	0.4%	0.0%	-0.2	0.1	0.58	-0.6	0.70	0.1	-0.4	0.1
	TWD	28.65	30.82	28.65	29.90	0.6%	1.0%	2.3%	2.8%	-2.4	-2.0	0.15	-2.7	0.17	-2.1	-2.5	-2.1



	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			
Global														
DXY	93.67													
EUR	1.18	1.18	0.2%	1.18	0.4%	1.13	-4.3%	1.18	0.1%	1.13	-4.2%	0.3%	-4.2%	
JPY	106.0	105.8	-0.3%	106.1	-0.2%	107.3	-1.3%	106.2	-0.4%	107.5	-1.6%	-0.3%	-1.5%	
GBP	1.29	1.29	0.2%	1.32	2.1%	1.25	-2.7%	1.31	1.5%	1.26	-2.4%	1.8%	-2.5%	
CAD	1.33	1.33	0.1%	1.31	1.2%	1.36	-2.7%	1.32	0.6%	1.36	-2.2%	0.9%	-2.4%	
AUD	0.71	0.71	0.2%	0.73	1.8%	0.69	-3.1%	0.72	0.8%	0.70	-2.2%	1.3%	-2.7%	
EM	79.55		2.0%	79.19	1.5%	80.33	3.0%	79.55	2.0%	79.55	2.0%	1.8%	2.5%	
LatAm														
ARS	76.93	93.56	86.1%	77.51	18.8%	76.38	20.3%	74.70	22.5%	70.84	27.8%	20.7%	24.1%	
BRL	5.56	5.59	1.4%	5.38	3.9%	5.53	1.0%	5.39	3.5%	5.35	4.4%	3.7%	2.7%	
CLP	794.9	794.1	-0.2%	778.8	2.0%	797.6	-0.4%	781.7	1.6%	786.6	1.0%	1.8%	0.3%	
COP	3831	3848	1.9%	3735	3.0%	3672	4.7%	3771	2.0%	3604	6.5%	2.5%	5.6%	
MXN	21.45	21.68	4.3%	21.72	-0.2%	23.07	-6.2%	22.08	-1.9%	22.66	-4.4%	-1.0%	-5.3%	
PEN	3.58	3.58	0.3%	3.54	0.9%	3.55	0.6%	3.54	0.9%	3.54	1.1%	0.9%	0.9%	
CEE/MEA														
CZK	22.99	22.95	-0.4%	22.41	2.4%	23.71	-3.3%	22.63	1.4%	23.59	-2.7%	1.9%	-3.0%	
HUF	305.2	305.5	0.7%	305.6	0.0%	316.7	-3.6%	307.1	-0.5%	313.3	-2.5%	-0.3%	-3.1%	
ILS	3.40	3.40	-0.3%	3.37	0.7%	3.44	-1.3%	3.39	0.2%	3.44	-1.3%	0.4%	-1.3%	
PLN	3.81	3.81	0.1%	3.76	1.4%	3.98	-4.3%	3.79	0.6%	3.95	-3.7%	1.0%	-4.0%	
RON	4.14	4.16	2.5%	4.11	1.2%	4.30	-3.2%	4.12	1.0%	4.28	-2.8%	1.1%	-3.0%	
RUB	78.05	78.80	4.0%	76.15	3.4%	72.15	8.8%	76.84	2.5%	70.76	10.8%	3.0%	9.8%	
TRY	7.88	8.11	11.5%	7.60	6.4%	7.13	12.9%	7.50	7.8%	6.84	17.1%	7.1%	15.0%	
ZAR	16.63	16.80	4.3%	16.83	-0.2%	17.37	-3.3%	17.01	-1.3%	17.03	-1.4%	-0.7%	-2.4%	
Asia														
CNY	6.79	6.83	2.9%	6.84	0.0%	7.03	-2.7%	6.84	-0.1%	7.01	-2.5%	0.0%	-2.6%	
INR	73.27	73.96	4.0%	73.68	0.4%	75.33	-1.8%	73.72	0.3%	74.67	-1.0%	0.3%	-1.4%	
IDR	14690	14815	3.6%	14769	0.3%	14474	2.3%	14921	-0.7%	14330	3.3%	-0.2%	2.8%	
KRW	1158	1155	-0.6%	1188	-2.8%	1199	-3.7%	1192	-3.1%	1195	-3.4%	-3.0%	-3.5%	
MYR	4.16	4.16	1.0%	4.15	0.2%	4.27	-2.5%	4.17	-0.3%	4.26	-2.4%	0.0%	-2.5%	
PHP	48.40	48.52	1.2%	48.56	-0.1%	49.46	-1.9%	48.68	-0.3%	49.57	-2.1%	-0.2%	-2.0%	
SGD	1.36	1.36	0.1%	1.37	-0.6%	1.40	-2.7%	1.37	-1.0%	1.39	-2.5%	-0.8%	-2.6%	
THB	31.22	31.30	1.2%	31.32	-0.1%	31.13	0.5%	31.50	-0.7%	31.15	0.4%	-0.4%	0.5%	
TWD	28.65	28.63	0.1%	29.28	-2.2%	29.42	-2.7%	29.34	-2.4%	29.45	-2.8%	-2.3%	-2.8%	

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%	-2.8%	-1.7%	-1.8%	-1.6%	-28.3%	-6.9%	-4.5%	-9.8%	1.1%	-5.1%	-1.2%	-1.2%	-3.0%	-0.2%	-1.2%	-14.0%	-19.2%	-1.9%	-1.6%	-2.8%	-7.1%	-0.7%	-1.8%	-2.2%	-1.6%	-4.7%	-1.5%
	JPY	2.8%	0.0%	1.1%	1.0%	1.2%	-25.5%	-4.2%	-1.7%	-7.1%	3.9%	-2.4%	1.5%	1.6%	-0.2%	2.5%	1.5%	-11.3%	-16.4%	0.9%	1.2%	-0.1%	-4.3%	2.1%	1.0%	0.5%	1.1%	-2.0%	1.3%
	GBP	1.7%	-1.1%	0.0%	-0.1%	0.1%	-26.6%	-5.2%	-2.8%	-8.1%	2.8%	-3.4%	0.5%	0.5%	-1.3%	1.5%	0.5%	-12.3%	-17.5%	-0.2%	0.1%	-1.1%	-5.4%	1.0%	-0.1%	-0.5%	0.1%	-3.0%	0.2%
	CAD	1.8%	-1.0%	0.1%	0.0%	0.2%	-26.5%	-5.1%	-2.7%	-8.1%	2.9%	-3.3%	0.6%	0.6%	-1.2%	1.6%	0.6%	-12.2%	-17.4%	-0.1%	0.2%	-1.0%	-5.3%	1.1%	0.0%	-0.4%	0.1%	-2.9%	0.3%
	AUD	1.6%	-1.2%	-0.1%	-0.2%	0.0%	-26.7%	-5.4%	-2.9%	-8.3%	2.7%	-3.6%	0.3%	0.4%	-1.4%	1.3%	0.3%	-12.5%	-17.6%	-0.3%	-0.1%	-1.3%	-5.5%	0.9%	-0.2%	-0.7%	-0.1%	-3.2%	0.1%
	ARS	28.3%	25.5%	26.6%	26.5%	26.7%	0.0%	21.4%	23.8%	18.4%	29.4%	23.2%	27.1%	27.1%	25.3%	28.1%	27.1%	14.3%	9.1%	26.4%	26.7%	25.5%	21.2%	27.6%	26.5%	26.1%	26.7%	23.6%	26.8%
	BRL	6.9%	4.2%	5.2%	5.1%	5.4%	-21.4%	0.0%	2.4%	-2.9%	8.0%	1.8%	5.7%	5.8%	4.0%	6.7%	5.7%	-7.1%	-12.3%	5.1%	5.3%	4.1%	-0.1%	6.2%	5.1%	4.7%	5.3%	2.2%	5.4%
	CLP	4.5%	1.7%	2.8%	2.7%	2.9%	-23.8%	-2.4%	0.0%	-5.4%	5.6%	-0.6%	3.3%	3.3%	1.5%	4.3%	3.3%	-9.5%	-14.7%	2.6%	2.9%	1.7%	-2.6%	3.8%	2.7%	2.3%	2.9%	-0.2%	3.0%
	COP	9.8%	7.1%	8.1%	8.1%	8.3%	-18.4%	2.9%	5.4%	0.0%	11.0%	4.7%	8.6%	8.7%	6.9%	9.6%	8.6%	-4.2%	-9.4%	8.0%	8.2%	7.0%	2.8%	9.2%	8.1%	7.6%	8.2%	5.1%	8.4%
	MXN	-1.1%	-3.9%	-2.8%	-2.9%	-2.7%	-29.4%	-8.0%	-5.6%	-11.0%	0.0%	-6.2%	-2.3%	-2.3%	-4.1%	-1.3%	-2.3%	-15.1%	-20.3%	-3.0%	-2.7%	-3.9%	-8.2%	-1.8%	-2.9%	-3.3%	-2.8%	-5.8%	-2.6%
	PEN	5.1%	2.4%	3.4%	3.3%	3.6%	-23.2%	-1.8%	0.6%	-4.7%	6.2%	0.0%	3.9%	3.9%	2.2%	4.9%	3.9%	-8.9%	-14.1%	3.3%	3.5%	2.3%	-1.9%	4.4%	3.3%	2.9%	3.5%	0.4%	3.6%
	CZK	1.2%	-1.5%	-0.5%	-0.6%	-0.3%	-27.1%	-5.7%	-3.3%	-8.6%	2.3%	-3.9%	0.0%	0.1%	-1.7%	1.0%	0.0%	-12.8%	-18.0%	-0.6%	-0.4%	-1.6%	-5.8%	0.5%	-0.5%	-1.0%	-0.4%	-3.5%	-0.2%
	HUF	1.2%	-1.6%	-0.5%	-0.6%	-0.4%	-27.1%	-5.8%	-3.3%	-8.7%	2.3%	-3.9%	-0.1%	0.0%	-1.8%	0.9%	-0.1%	-12.9%	-18.0%	-0.7%	-0.4%	-1.7%	-5.9%	0.5%	-0.6%	-1.0%	-0.5%	-3.6%	-0.3%
	ILS	3.0%	0.2%	1.3%	1.2%	1.4%	-25.3%	-4.0%	-1.5%	-6.9%	4.1%	-2.2%	1.7%	1.8%	0.0%	2.7%	1.7%	-11.1%	-16.2%	1.1%	1.3%	0.1%	-4.1%	2.3%	1.2%	0.7%	1.3%	-1.8%	1.5%
	PLN	0.2%	-2.5%	-1.5%	-1.6%	-1.3%	-28.1%	-6.7%	-4.3%	-9.6%	1.3%	-4.9%	-1.0%	-0.9%	-2.7%	0.0%	-1.0%	-13.8%	-19.0%	-1.6%	-1.4%	-2.6%	-6.8%	-0.5%	-1.6%	-2.0%	-1.4%	-4.5%	-1.2%
	RON	1.2%	-1.5%	-0.5%	-0.6%	-0.3%	-27.1%	-5.7%	-3.3%	-8.6%	2.3%	-3.9%	0.0%	0.1%	-1.7%	1.0%	0.0%	-12.8%	-18.0%	-0.6%	-0.4%	-1.6%	-5.8%	0.5%	-0.6%	-1.0%	-0.4%	-3.5%	-0.2%
	RUB	14.0%	11.3%	12.3%	12.2%	12.5%	-14.3%	7.1%	9.5%	4.2%	15.1%	8.9%	12.8%	12.9%	11.1%	13.8%	12.8%	0.0%	-5.2%	12.2%	12.4%	11.2%	7.0%	13.3%	12.2%	11.8%	12.4%	9.3%	12.6%
	TRY	19.2%	16.4%	17.5%	17.4%	17.6%	-9.1%	12.3%	14.7%	9.4%	20.3%	14.1%	18.0%	18.0%	16.2%	19.0%	18.0%	5.2%	0.0%	17.3%	17.6%	16.4%	12.1%	18.5%	17.4%	17.0%	17.6%	14.5%	17.7%
	ZAR	1.9%	-0.9%	0.2%	0.1%	0.3%	-26.4%	-5.1%	-2.6%	-8.0%	3.0%	-3.3%	0.6%	0.7%	-1.1%	1.6%	0.6%	-12.2%	-17.3%	0.0%	0.3%	-1.0%	-5.2%	1.2%	0.1%	-0.3%	0.2%	-2.9%	0.4%
	CNY	1.6%	-1.2%	-0.1%	-0.2%	0.1%	-26.7%	-5.3%	-2.9%	-8.2%	2.7%	-3.5%	0.4%	0.4%	-1.3%	1.4%	0.4%	-12.4%	-17.6%	-0.3%	0.0%	-1.2%	-5.5%	0.9%	-0.2%	-0.6%	0.0%	-3.1%	0.1%
INR	2.8%	0.1%	1.1%	1.0%	1.3%	-25.5%	-4.1%	-1.7%	-7.0%	3.9%	-2.3%	1.6%	1.7%	-0.1%	2.6%	1.6%	-11.2%	-16.4%	1.0%	1.2%	0.0%	-4.2%	2.1%	1.1%	0.6%	1.2%	-1.9%	1.4%	
IDR	7.1%	4.3%	5.4%	5.3%	5.5%	-21.2%	0.1%	2.6%	-2.8%	8.2%	1.9%	5.8%	5.9%	4.1%	6.8%	5.8%	-7.0%	-12.1%	5.2%	5.5%	4.2%	0.0%	6.4%	5.3%	4.8%	5.4%	2.3%	5.6%	
KRW	0.7%	-2.1%	-1.0%	-1.1%	-0.9%	-27.6%	-6.2%	-3.8%	-9.2%	1.8%	-4.4%	-0.5%	-0.5%	-2.3%	0.5%	-0.5%	-13.3%	-18.5%	-1.2%	-0.9%	-2.1%	-6.4%	0.0%	-1.1%	-1.5%	-1.0%	-4.0%	-0.8%	
MYR	1.8%	-1.0%	0.1%	0.0%	0.2%	-26.5%	-5.1%	-2.7%	-8.1%	2.9%	-3.3%	0.5%	0.6%	-1.2%	1.6%	0.6%	-12.2%	-17.4%	-0.1%	0.2%	-1.1%	-5.3%	1.1%	0.0%	-0.4%	0.1%	-2.9%	0.3%	
PHP	2.2%	-0.5%	0.5%	0.4%	0.7%	-26.1%	-4.7%	-2.3%	-7.6%	3.3%	-2.9%	1.0%	1.0%	-0.7%	2.0%	1.0%	-11.8%	-17.0%	0.3%	0.6%	-0.6%	-4.8%	1.5%	0.4%	0.0%	0.6%	-2.5%	0.7%	
SGD	1.6%	-1.1%	-0.1%	-0.1%	0.1%	-26.7%	-5.3%	-2.9%	-8.2%	2.8%	-3.5%	0.4%	0.5%	-1.3%	1.4%	0.4%	-12.4%	-17.6%	-0.2%	0.0%	-1.2%	-5.4%	1.0%	-0.1%	-0.6%	0.0%	-3.1%	0.2%	
THB	4.7%	2.0%	3.0%	2.9%	3.2%	-23.6%	-2.2%	0.2%	-5.1%	5.8%	-0.4%	3.5%	3.6%	1.8%	4.5%	3.5%	-9.3%	-14.5%	2.9%	3.1%	1.9%	-2.3%	4.0%	2.9%	2.5%	3.1%	0.0%	3.3%	
TWD	1.5%	-1.3%	-0.2%	-0.3%	-0.1%	-26.8%	-5.4%	-3.0%	-8.4%	2.6%	-3.6%	0.2%	0.3%	-1.5%	1.2%	0.2%	-12.6%	-17.7%	-0.4%	-0.1%	-1.4%	-5.6%	0.8%	-0.3%	-0.7%	-0.2%	-3.3%	0.0%	

IMPORTANT INFORMATION AND DISCLAIMER

THIS DOCUMENT IS INTENDED ONLY FOR THE PERSON TO WHOM IT HAS BEEN DELIVERED. THIS DOCUMENT DOES NOT CONSTITUTE AN OFFER TO SELL, IS NOT AN OFFER OR A SOLICITATION OF AN OFFER IN RESPECT OF SECURITIES AND SHOULD NOT BE CONSTRUED AS AN OFFER OF ANY KIND OR THE SOLICITATION OF AN OFFER TO BUY IN ANY STATE OR JURISDICTION TO ANY PERSON TO WHOM IT IS UNLAWFUL TO MAKE SUCH OFFER OR SOLICITATION.

THIS DOCUMENT AND THE TRADING STRATEGIES DISCUSSED WITHIN THE DOCUMENT ARE THE INTELLECTUAL PROPERTY OF GAUTAM JAIN AND MAY NOT BE REPLICATED, REPRODUCED OR REDISTRIBUTED IN WHOLE OR IN PART NOR MAY ITS CONTENTS BE DISCLOSED TO ANY OTHER PERSON UNDER ANY CIRCUMSTANCES, WITHOUT THE EXPLICIT CONSENT OF GAUTAM JAIN.

THE HYPOTHETICAL PERFORMANCE FIGURES HEREIN SHOULD NOT BE CONSTRUED AS INDICATIVE OF THE FUTURE PERFORMANCE OF THE STRATEGY OR OF ANY PROPOSED TRADING PROGRAM. HYPOTHETICAL PERFORMANCE RESULTS HAVE MANY INHERENT LIMITATIONS, SOME OF WHICH ARE DESCRIBED BELOW. NO REPRESENTATION IS BEING MADE THAT THE STRATEGY OR OF ANY PROPOSED TRADING PROGRAM WILL OR IS LIKELY TO ACHIEVE PROFITS OR LOSSES TO THOSE SHOWN. IN FACT, THERE ARE FREQUENTLY SHARP DIFFERENCES BETWEEN HYPOTHETICAL PERFORMANCE RESULTS AND THE ACTUAL RESULTS SUBSEQUENTLY ACHIEVED BY ANY PARTICULAR TRADING PROGRAM. ONE OF THE LIMITATIONS OF HYPOTHETICAL PERFORMANCE RESULTS IS THAT THEY ARE GENERALLY PREPARED WITH THE BENEFIT OF HINDSIGHT. IN ADDITION, HYPOTHETICAL TRADING DOES NOT INVOLVE FINANCIAL RISK, AND NO HYPOTHETICAL TRADING RECORD CAN COMPLETELY ACCOUNT FOR THE IMPACT OF FINANCIAL RISK IN ACTUAL TRADING. FOR EXAMPLE, THE ABILITY TO WITHSTAND LOSSES OR ADHERE TO A PARTICULAR TRADING PROGRAM IN SPITE OF TRADING LOSSES ARE MATERIAL POINTS WHICH CAN ALSO ADVERSELY AFFECT ACTUAL TRADING RESULTS. THERE ARE NUMEROUS OTHER FACTORS RELATED TO THE MARKETS IN GENERAL OR TO THE IMPLEMENTATION OF ANY SPECIFIC TRADING PROGRAM WHICH CANNOT BE FULLY ACCOUNTED FOR IN THE PREPARATION OF HYPOTHETICAL PERFORMANCE RESULTS AND ALL OF WHICH CAN ADVERSELY AFFECT ACTUAL TRADING RESULTS. THE HYPOTHETICAL PERFORMANCE FIGURES PROVIDED HEREIN ARE CALCULATED BY GAUTAM JAIN AND ARE UNAUDITED.

THESE RESULTS ARE BASED ON SIMULATED OR HYPOTHETICAL PERFORMANCE RESULTS THAT HAVE CERTAIN INHERENT LIMITATIONS. UNLIKE THE RESULTS SHOWN IN AN ACTUAL PERFORMANCE RECORD, THESE RESULTS DO NOT REPRESENT ACTUAL TRADING. ALSO, BECAUSE THESE TRADES HAVE NOT ACTUALLY BEEN EXECUTED, THESE RESULTS MAY HAVE NOT ACTUALLY BEEN EXECUTED, THESE RESULTS MAY HAVE UNDER- OR OVER-COMPENSATED FOR THE IMPACT, IF ANY, OF CERTAIN MARKET FACTORS, SUCH AS LACK OF LIQUIDITY. SIMULATED OR HYPOTHETICAL TRADING PROGRAMS IN GENERAL ARE ALSO SUBJECT TO THE FACT THAT THEY ARE DESIGNED WITH THE BENEFIT OF HINDSIGHT. NO REPRESENTATION IS BEING MADE THAT ANY ACCOUNT WILL OR IS LIKELY TO ACHIEVE PROFITS OR LOSSES SIMILAR TO THESE BEING SHOWN.

EXPOSURE TO EMERGING MARKETS GENERALLY ENTAILS GREATER RISKS THAN EXPOSURE TO WELL-DEVELOPED MARKETS, INCLUDING POTENTIALLY SIGNIFICANT LEGAL, ECONOMIC AND POLITICAL RISKS. THE PRICES OF EMERGING MARKET EXCHANGE RATES, SECURITIES AND OTHER ASSETS ARE OFTEN HIGHLY VOLATILE. MOVEMENTS IN SUCH PRICES ARE INFLUENCED BY, AMONG OTHER THINGS, INTEREST RATES, CHANGING MARKET SUPPLY AND DEMAND, EXTERNAL MARKET FORCES (PARTICULARLY IN RELATION TO MAJOR TRADING PARTNERS), TRADE, FISCAL, MONETARY PROGRAMS, POLICIES OF GOVERNMENTS, AND INTERNATIONAL POLITICAL AND ECONOMIC EVENTS AND POLICIES. ANY PROJECTIONS, MARKET OUTLOOKS OR ESTIMATES IN THIS DOCUMENT ARE FORWARD LOOKING STATEMENTS AND ARE BASED UPON CERTAIN ASSUMPTIONS. OTHER EVENTS WHICH WERE NOT TAKEN INTO ACCOUNT MAY OCCUR AND MAY SIGNIFICANTLY AFFECT RETURNS OR PERFORMANCE OF AN INVESTMENT. ANY PROJECTIONS, OUTLOOKS, OR ASSUMPTIONS SHOULD NOT BE CONSTRUED TO BE INDICATIVE OF THE ACTUAL EVENTS WHICH WILL OCCUR. THE HYPOTHETICAL PERFORMANCE FIGURES HEREIN SHOULD NOT BE CONSTRUED AS INDICATIVE OF THE FUTURE PERFORMANCE OF THE BASKET OR OF ANY PROPOSED TRADING PROGRAM.