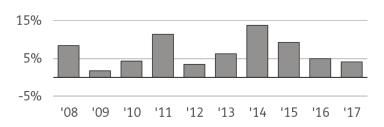
## FX Strategies FX operation = "MIRROR Y" mirror mod use x mirror mod use x

EPFR covers mutual and exchange-traded funds that collectively manage \$34 trillion of assets globally (at 1/31/18). We calculate the flows (daily/weekly/monthly) into and collect the monthly allocations (country/sector/industry) of these funds. One example of a predictor that can be built from the data is flow percentage:

- ► For a currency, this is total fund flow into scaled by total fund assets held in countries using that currency.
- ► These sums are computed across all equity funds that have a mandate to invest in more than one country.
- ► Rank the currencies into fifths based on twenty-day flow percentage.
- ► For various holding periods, the table below shows the return difference between the top and bottom fifth of the ACWI currency universe.
- ► For each holding period, the Sharpe ratio associated with this return difference is also reported as are the return differences between each fifth and the full ACWI universe.
- ► For weekly holding periods, total return differences between the top and bottom fifth of ACWI currencies, for each calendar year, are reported below.

Average Return (annualized)							
Holding Period	Q <sub>1</sub> ex Q <sub>5</sub>		Return over equal-weight currency basket				
	Sharpe	Return	Q <sub>1</sub>	$Q_2$	$Q_3$	$Q_4$	Q <sub>5</sub>
Weekly	0.96	5.7%	3.8%	-0.5%	-1.2%	-0.1%	-1.9%
Fortnightly	0.90	4.9%	3.3%	-0.7%	-0.2%	-0.7%	-1.7%
Monthly	0.77	4.5%	3.1%	-0.6%	0.3%	-1.2%	-1.4%
Bimonthly	0.55	3.0%	2.0%	-0.1%	0.0%	-0.8%	-1.1%
Quarterly	0.50	2.8%	1.8%	0.3%	-0.4%	-0.8%	-1.0%
Semi- Annual	0.35	1.9%	1.2%	0.4%	-0.5%	-0.4%	-0.7%

## **Total return difference between the top and bottom fifth of ACWI currencies** (by calendar year)



**ACWI Currencies** AUD CLP **MYR** CAD **CNY PFN CHF** COP PHP **EUR** CZK **PKR GBP EGP** PLN **IPY** HUF **RUB** NOK **IDR SGD** ILS NZD THB **SEK** INR TRY USD **KRW TWD** BRL **MXN** ZAR

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