



Key market performance drivers

Monthly charts to 30 November 2018

Signatory of:

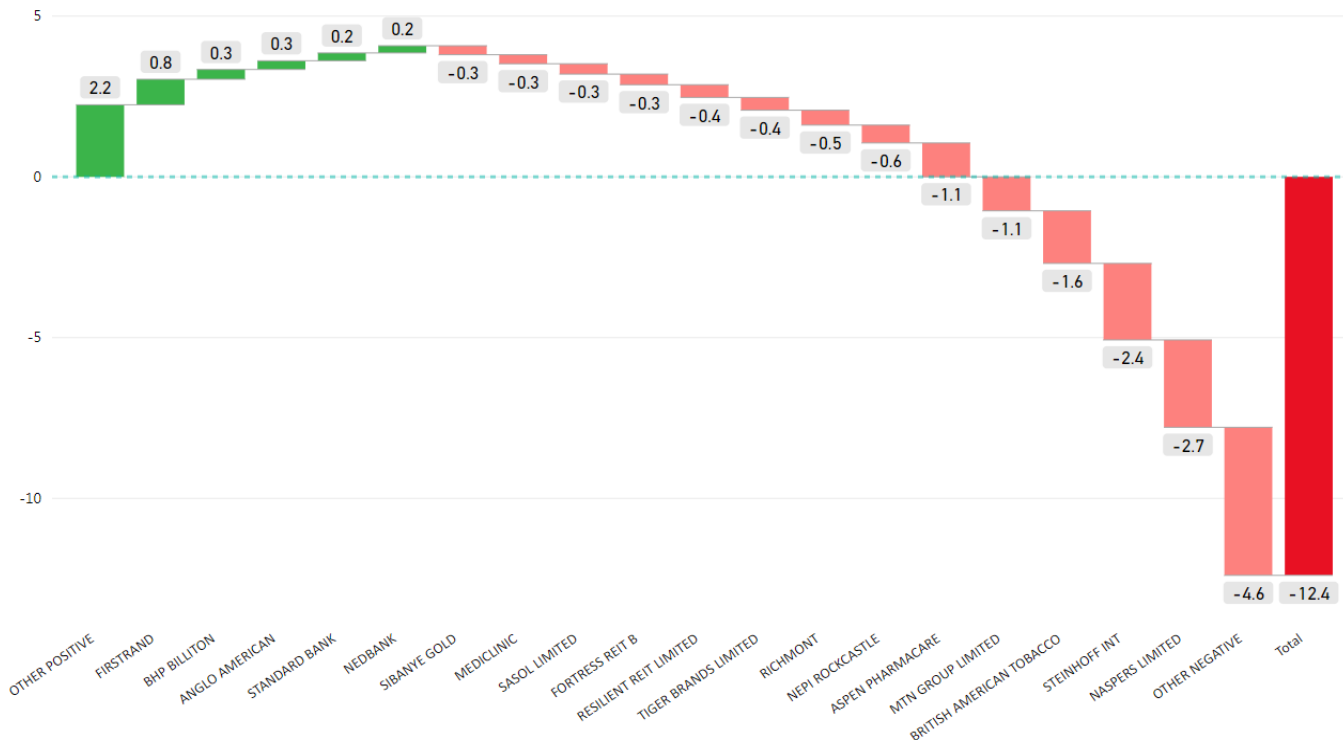


momentum
investments

Market concentration

One-year Capped SWIX contributions ending November 2018

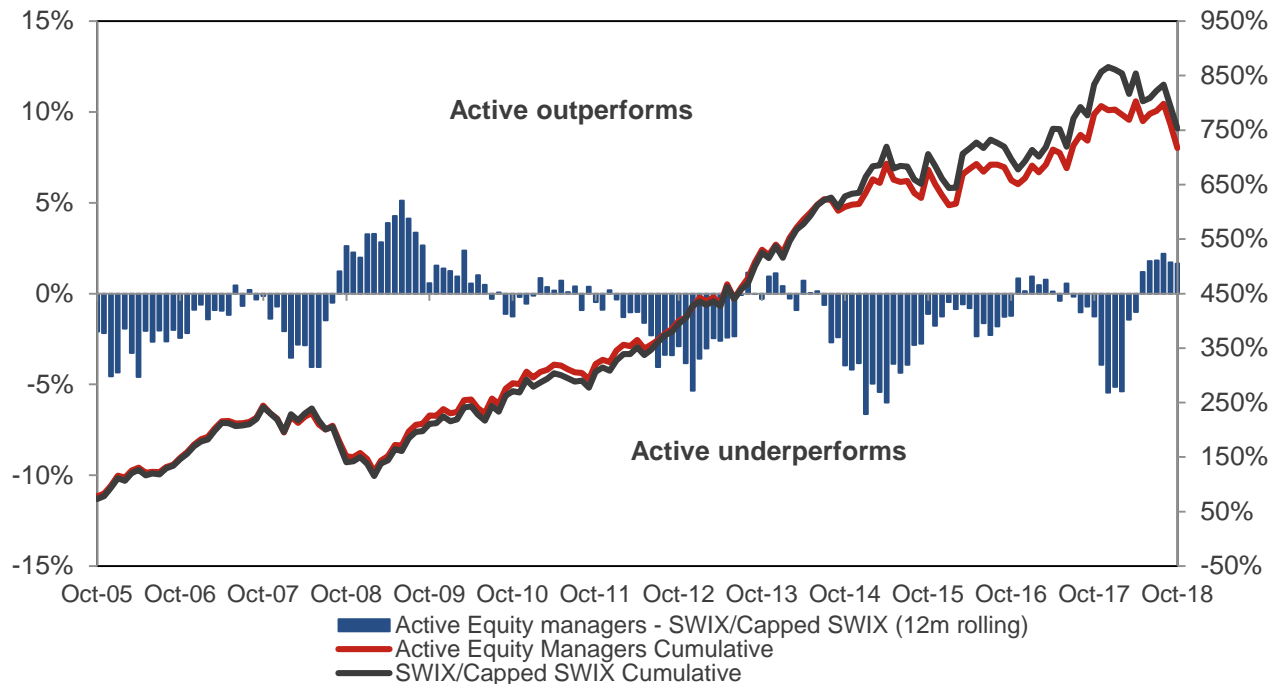
● Increase ● Decrease ● Total



Source: StatPro, Power BI and Momentum Investments

Active index analysis

One-year rolling active to October* 2018



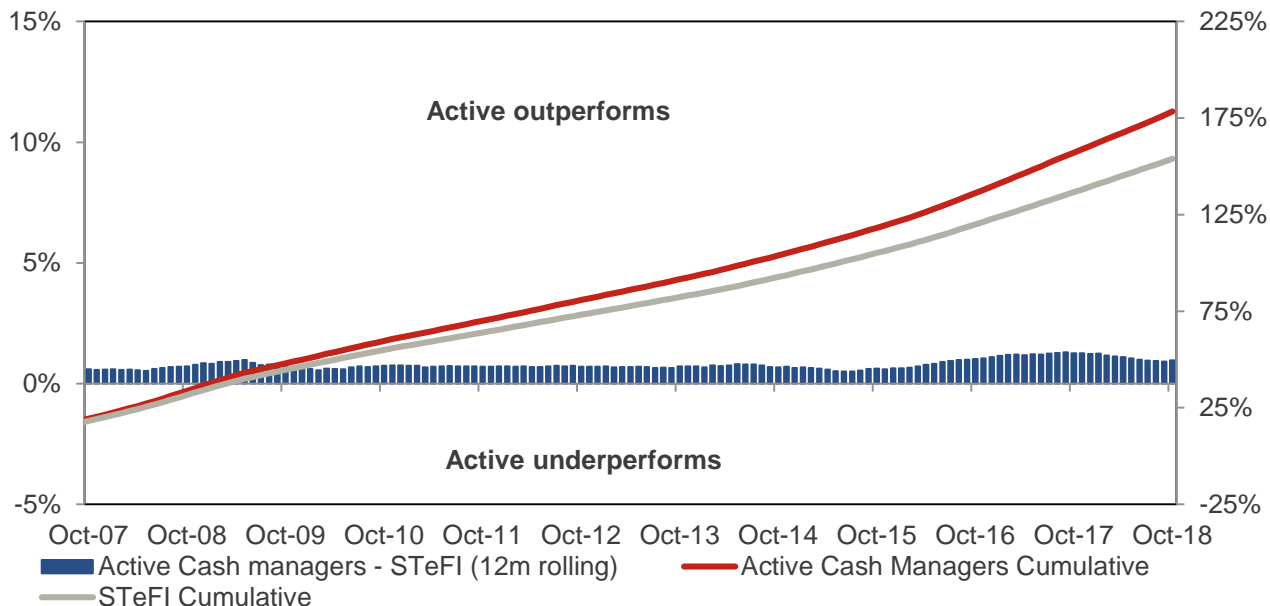
* Lagged by one month due to availability of data

The median of the active equity investment managers underperformed the SWIX/Capped SWIX composite benchmark (SWIX until 31 October 2017 and Capped SWIX thereafter)

Source: Alexander Forbes SA Equity Manager Watch™, INET BFA and Momentum Investments

Active versus tracker: Cash

One-year rolling average to October* 2018



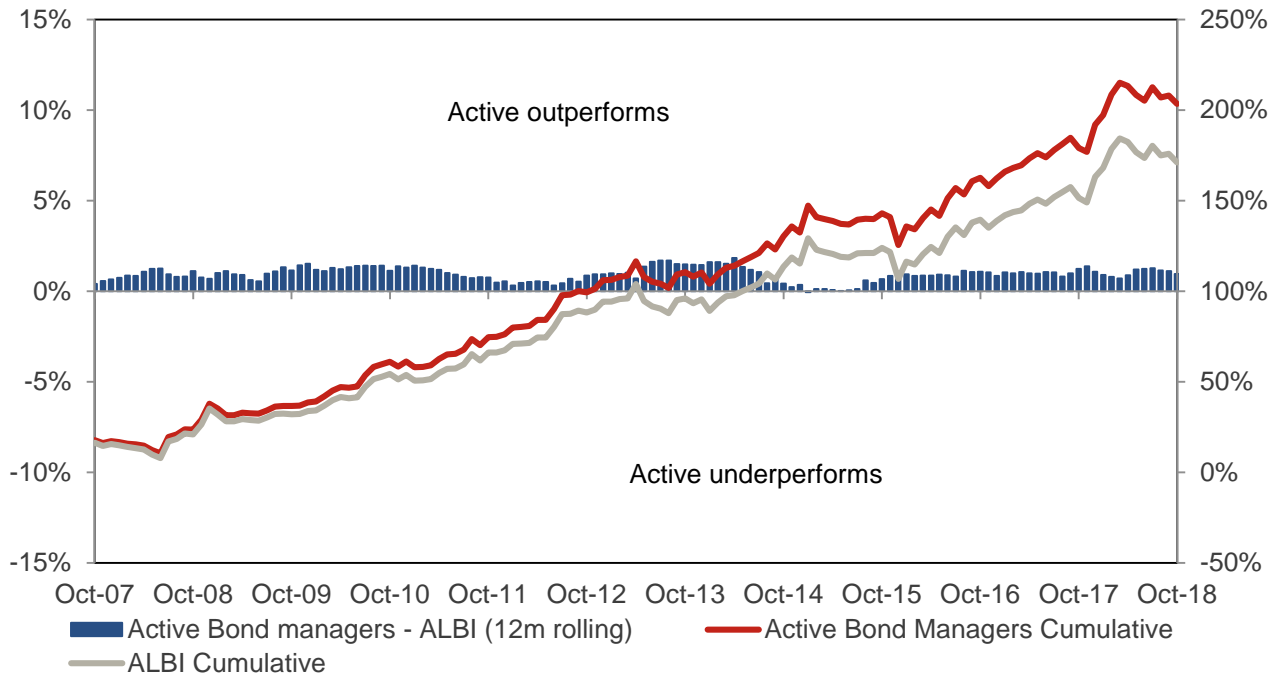
* Lagged by one month due to availability of data

The median of the active money market investment managers outperformed the STeFI

Source: Alexander Forbes SA Money Market Manager Watch™, INET BFA and Momentum Investments

Active versus tracker: Bonds

One-year rolling average to October* 2018

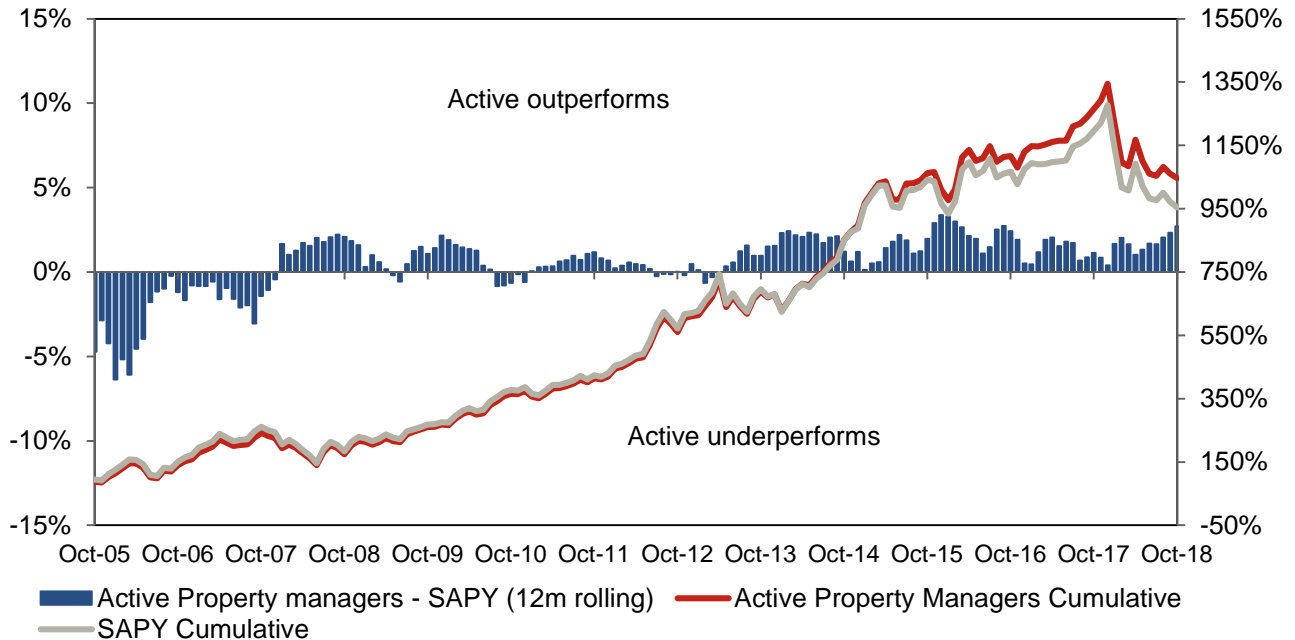


* Lagged by one month due to availability of data

The median of the active bond investment managers outperformed the ALBI

Active versus tracker: Property

One-year rolling average to October* 2018



* Lagged by one month due to availability of data

The median of the active property investment managers outperformed the SAPY

Source: Alexander Forbes SA Property Manager Watch™, INET BFA and Momentum Investments

Style returns for South Africa

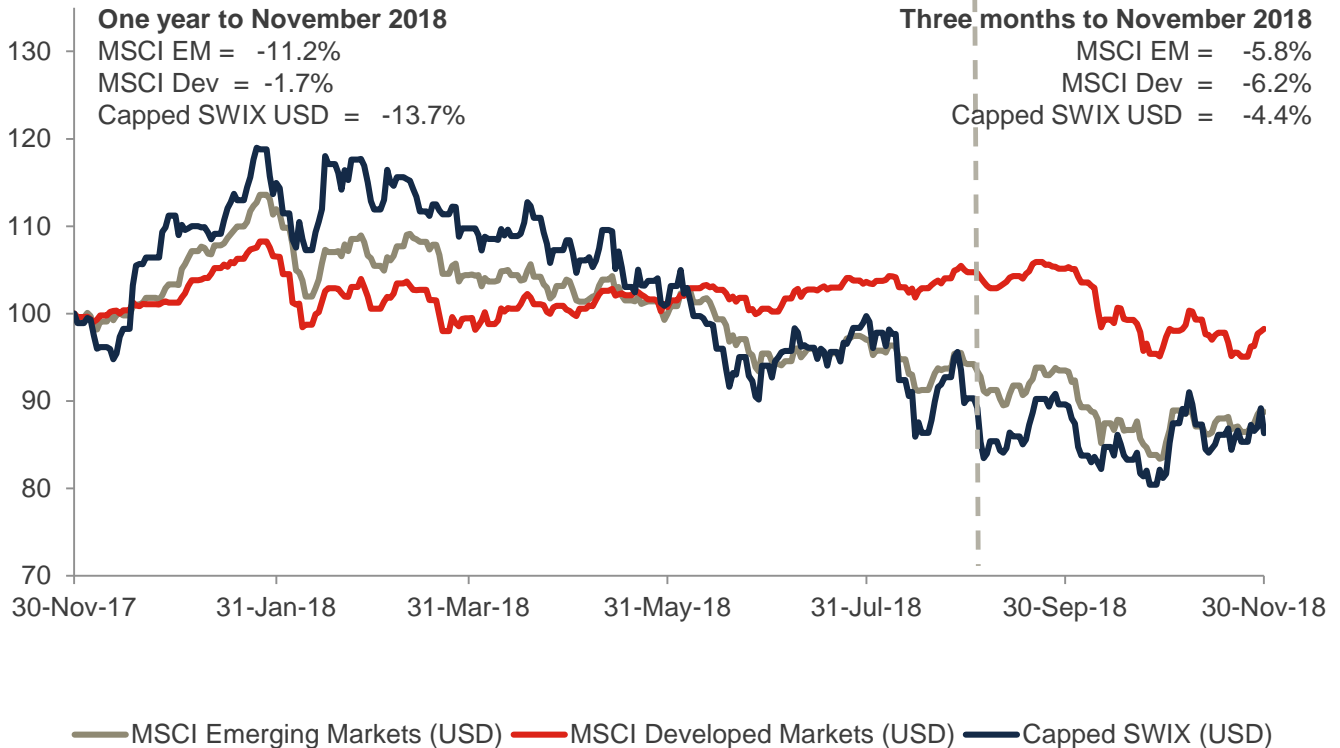
Data to November 2018

ZAR	Styles	One month to November 2018	Three months to November 2018	One year to November 2018	Three years to November 2018	Five years to November 2018	Ten years to November 2018	Twenty years to November 2018
Value	Book to Price	-4.74	-3.10	-3.64	5.55	-1.19	-2.86	2.33
	Dividend Yield	-3.63	-1.29	6.99	1.75	-0.17	0.65	5.14
	Earnings Yield	-2.23	-1.07	-0.61	2.18	1.79	0.38	3.09
	Cash Flow Yield	-2.83	0.80	3.48	15.15	4.46	1.86	4.18
	Sales to Price	-0.02	3.14	0.31	4.96	-1.74	-3.02	3.39
Quality	ROE	2.18	0.43	7.34	-0.15	0.41	0.98	-1.29
	ROIC LT	-4.59	-6.70	1.31	-2.36	-2.70	0.06	-1.95
	Income to Sales	-3.17	-1.51	0.62	-0.95	1.84	2.11	-1.73
	Low market beta	-1.72	-0.07	2.70	-1.38	0.54	-1.50	1.46
	Low Debt/Equity	-1.86	-0.98	-1.67	-1.77	-2.55	-2.41	-1.74
	EBIT Margin Stability	-0.16	0.96	4.21	-2.82	-0.16	3.97	2.84
Growth	Earnings Growth	-3.71	-2.02	-1.14	2.49	5.15	0.85	-2.41
	Sales Growth	-0.65	-0.16	-0.29	-5.64	-1.75	-1.24	-3.92
	12M Earning Growth	-6.02	-4.01	-9.86	-6.77	-4.69	-3.58	2.84
Momentum	FY1 Earnings Revisions	-5.70	-0.80	0.42	2.48	7.18	7.96	9.64
	Short Term Momentum	-2.78	-5.56	-4.85	3.81	4.45	0.00	1.69
	Medium Term Momentum	-0.08	-1.92	-6.04	-6.73	1.54	3.55	7.19
Size	2.24	-2.23	-1.94	-2.10	0.13	-0.42	0.26	

Quality outperformed all other style factors for the one year period. Growth and momentum have underperformed for the quarter and the year.

MSCI developed and emerging markets

One year to November 2018



SA 10-year bond yields

Ten years to November 2018



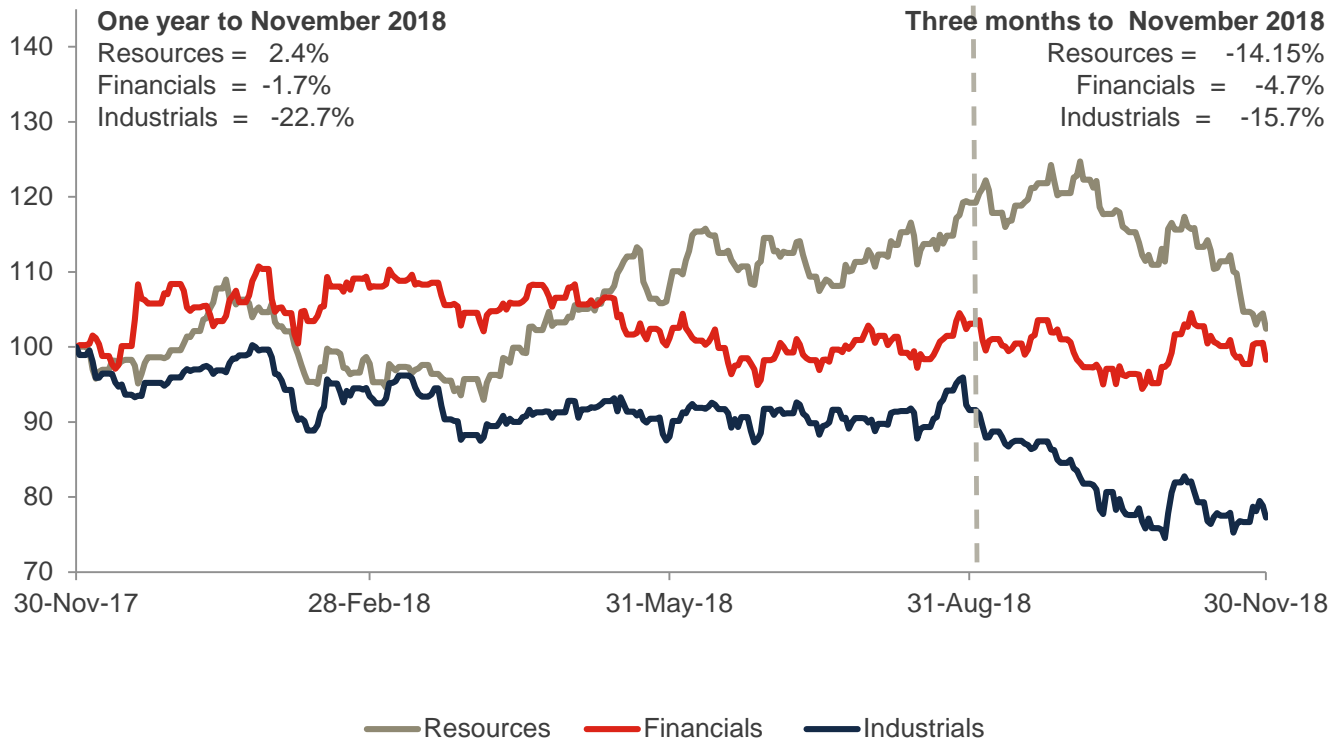
Yield of R197 (inflation-linked bond)

Ten years to November 2018



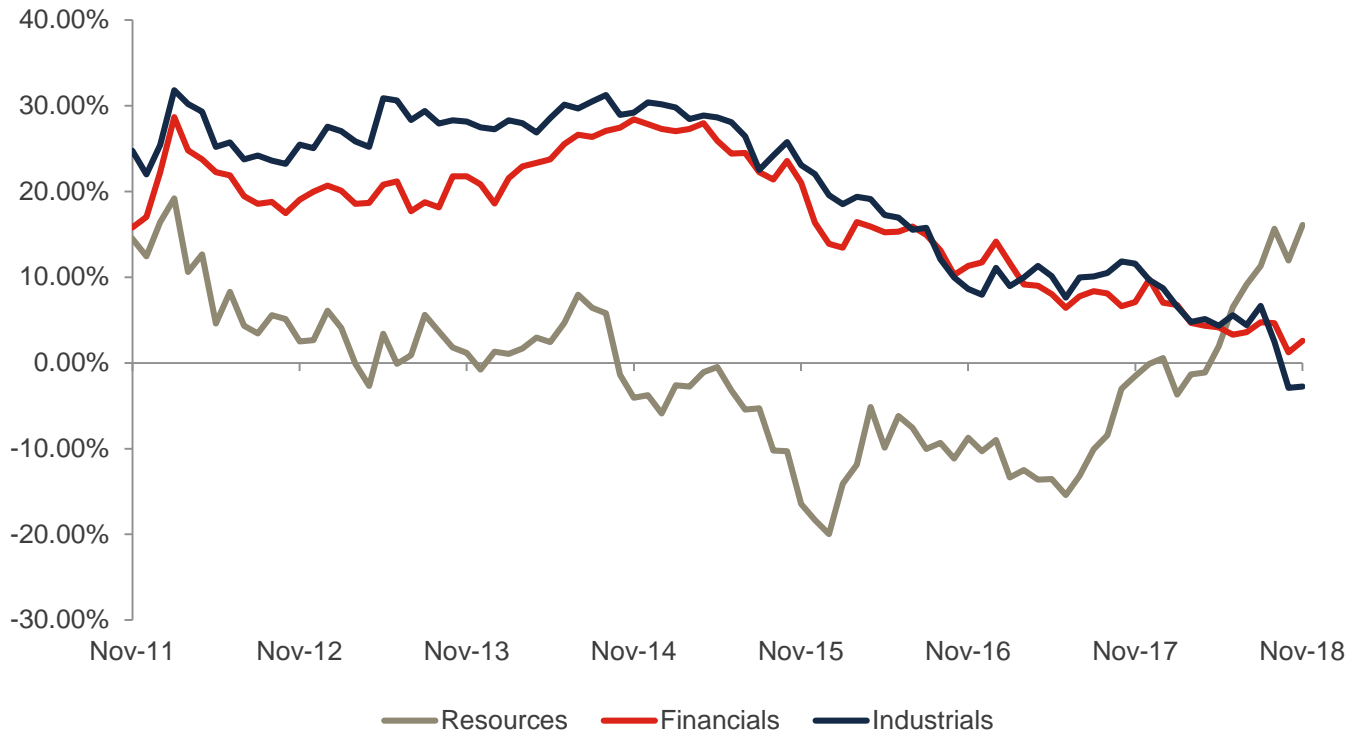
FTSE/JSE sectors

One year to November 2018



FTSE/JSE sectors

Rolling three years to November 2018



FTSE/JSE sectors

Decomposed

Three months to November 2018

1	Fixed-line Telecommunications	Telecommunications	15.10%	18	Real Estate Investment Trusts	Financials	-5.84%
2	Automobiles & Parts	Consumer Goods	8.72%	19	Food & Drug Retailers	Consumer Services	-8.04%
3	Non-life Insurance	Financials	5.79%	20	Financial Services	Financials	-9.83%
4	General Retailers	Consumer Services	3.75%	21	Real Estate Investment & Services	Financials	-10.36%
5	Industrial Engineering	Industrials	2.44%	22	Food Producers	Consumer Goods	-11.27%
6	Travel & Leisure	Travel & Leisure	2.10%	23	Media	Consumer Services	-15.24%
7	Software & Computer Services	Technology	1.57%	24	Healthcare Equipment & Service	Healthcare	-15.46%
8	Support Services	Industrials	-0.05%	25	Oil & Gas Producers	Financial Services	-20.03%
9	Mobile Telecommunications	Telecommunications	-0.87%	26	Industrial Transportation	Industrials	-22.28%
10	Life Insurance	Financials	-1.08%	27	Forestry & Paper	Basic Materials	-25.37%
11	Banks	Financials	-2.37%	28	Chemicals	Basic Materials	-27.82%
12	Mining	Basic Materials	-2.50%	29	Equity Investment Instruments	Financials	-27.94%
13	Electronic & Electrical Equipment	Industrials	-3.51%	30	Personal Goods	Consumer Goods	-30.65%
14	General Industrials	Industrials	-3.78%	31	Tobacco	Consumer Goods	-31.07%
15	Beverages	Consumer Goods	-3.98%	32	Household Goods & Home Construction	Consumer Goods	-36.44%
16	Construction & Materials	Industrials	-5.41%	33	Pharmaceuticals & Biotechnology	Healthcare	-47.74%
17	Industrial Metals & Mining	Industrials	-5.72%				

Key

Resources

Financials

Industrials

FTSE/JSE sectors

Decomposed

One year to November 2018

1	Oil & Gas Producers	Financial Services	40.23%	18	Real Estate Investment Trusts	Financials	-8.55%
2	Technology Hardware & Equipment	Technology	27.99%	19	Financial Services	Financials	-12.36%
3	Non-life Insurance	Financials	26.33%	20	Beverages	Consumer Goods	-15.06%
4	Fixed-line Telecommunications	Telecommunications	22.38%	21	Industrial Metals & Mining	Industrials	-17.92%
5	Banks	Financials	13.38%	22	Real Estate Investment & Services	Financials	-20.08%
6	Electronic & Electrical Equipment	Industrials	10.42%	23	Food Producers	Consumer Goods	-20.62%
7	General Retailers	Consumer Services	7.68%	24	Industrial Engineering	Industrials	-21.63%
8	Travel & Leisure	Travel & Leisure	5.10%	25	Personal Goods	Consumer Goods	-22.65%
9	Life Insurance	Financials	4.93%	26	Mobile Telecommunications	Telecommunications	-24.01%
10	Automobiles & Parts	Consumer Goods	1.55%	27	Media	Consumer Services	-24.94%
11	Mining	Basic Materials	0.28%	28	Equity Investment Instruments	Financials	-25.19%
12	General Industrials	Industrials	-3.83%	29	Industrial Transportation	Industrials	-27.97%
13	Chemicals	Basic Materials	-3.95%	30	Tobacco	Consumer Goods	-42.03%
14	Food & Drug Retailers	Consumer Services	-4.22%	31	Software & Computer Services	Technology	-43.41%
15	Construction & Materials	Industrials	-5.43%	32	Support Services	Industrials	-43.65%
16	Healthcare Equipment & Service	Healthcare	-6.70%	33	Pharmaceuticals & Biotechnology	Healthcare	-49.88%
17	Forestry & Paper	Basic Materials	-7.15%	34	Household Goods & Home Construction	Consumer Goods	-96.84%

Key

Resources

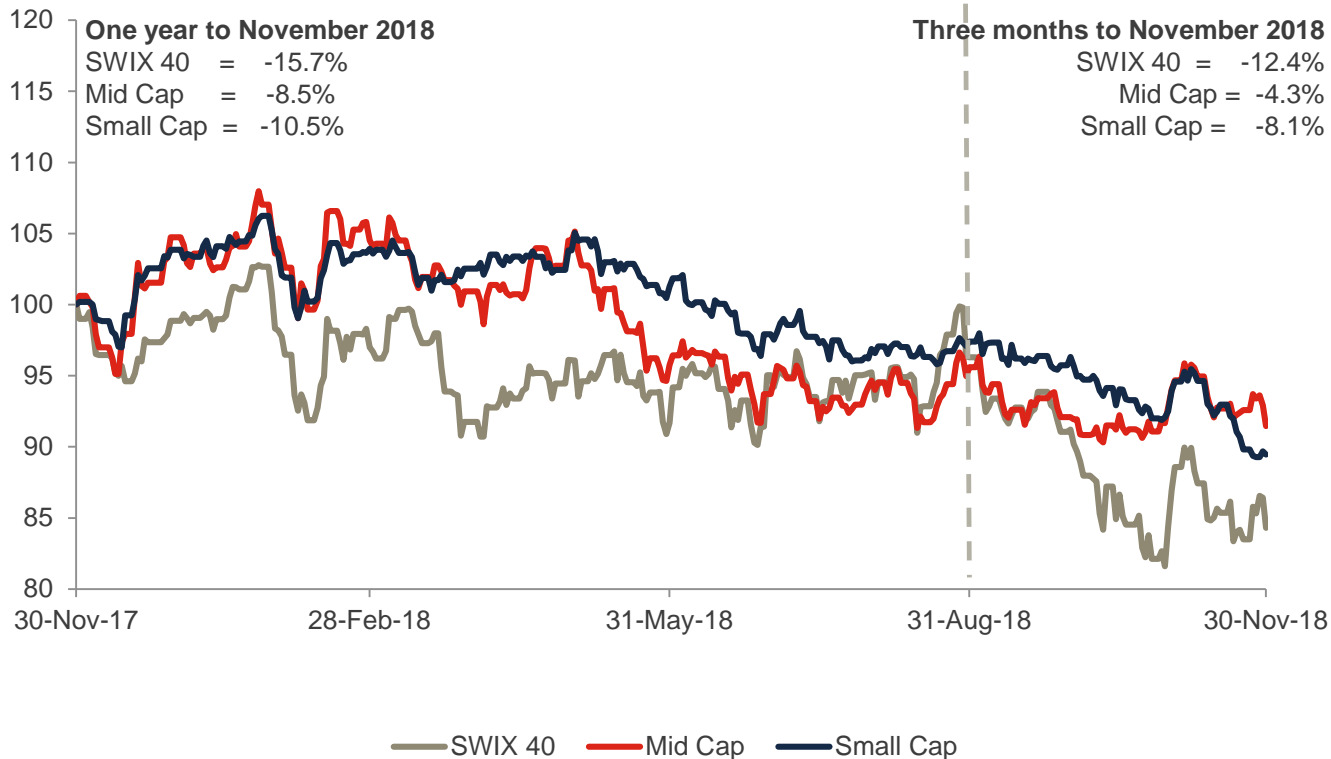
Financials

Industrials

Source: Barra, Deutsche Securities and Momentum Investments

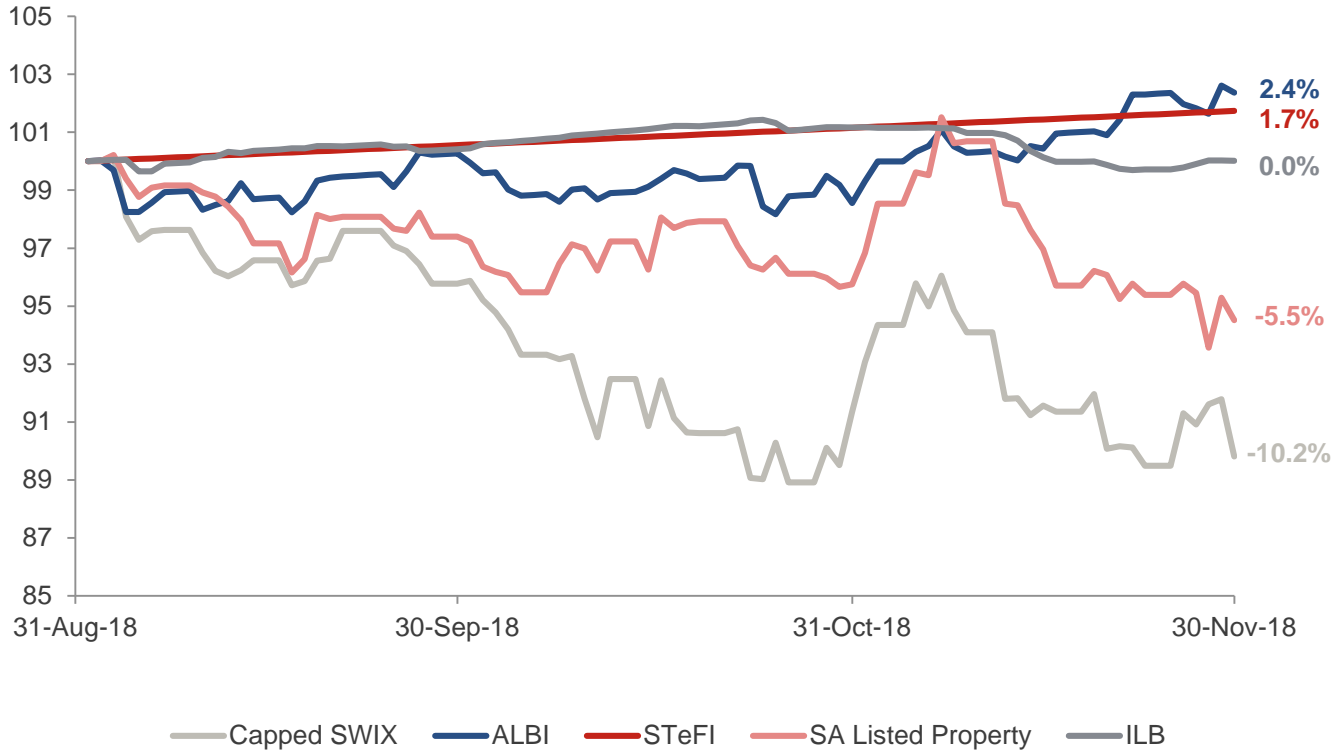
FTSE/JSE market caps

One year to November 2018



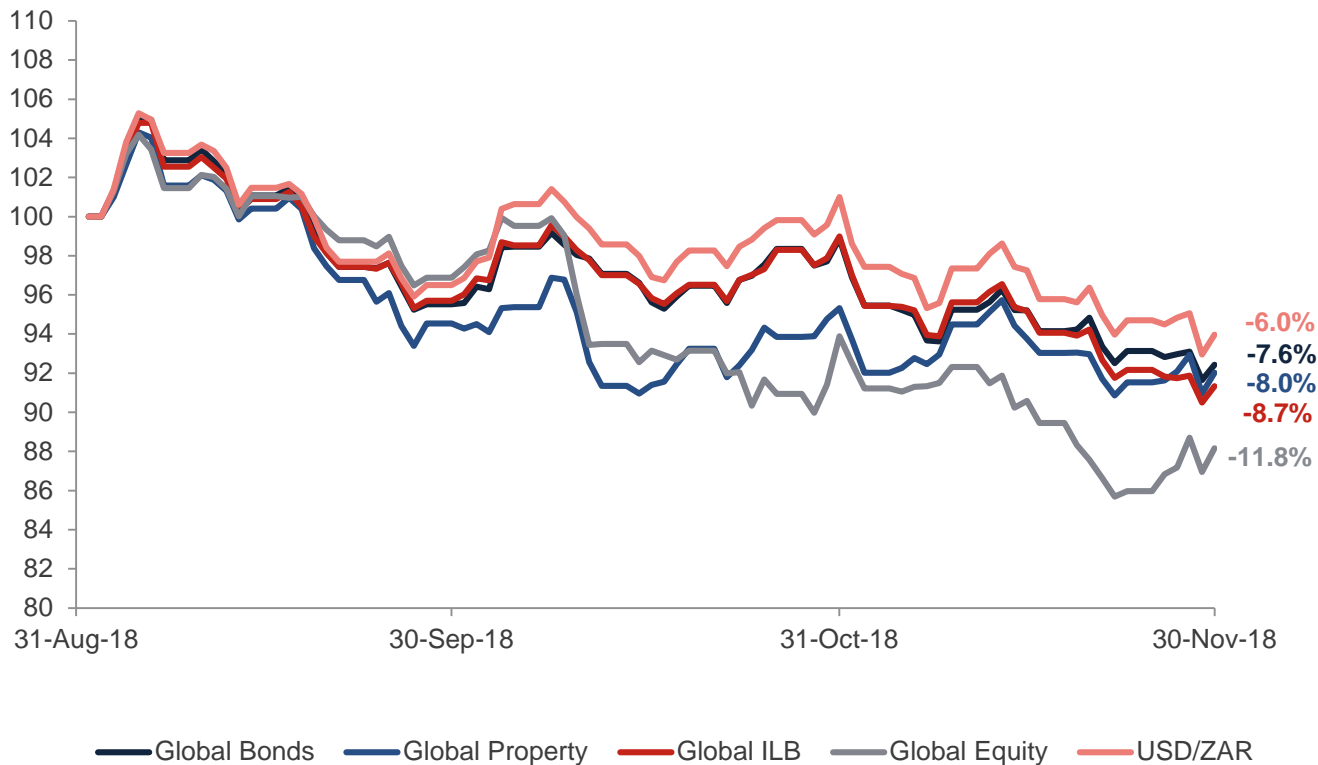
Local asset classes

Three months to November 2018



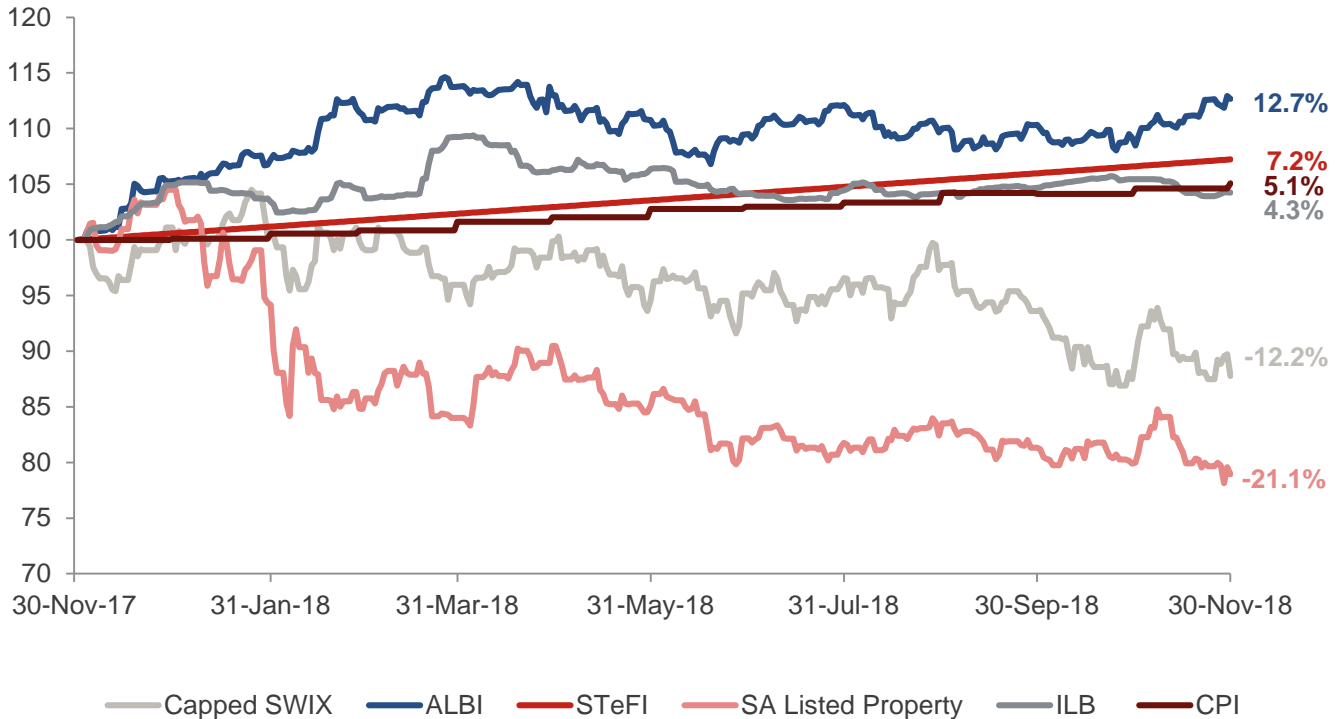
Global asset classes

Three months to November 2018



Local asset classes

One year to November 2018

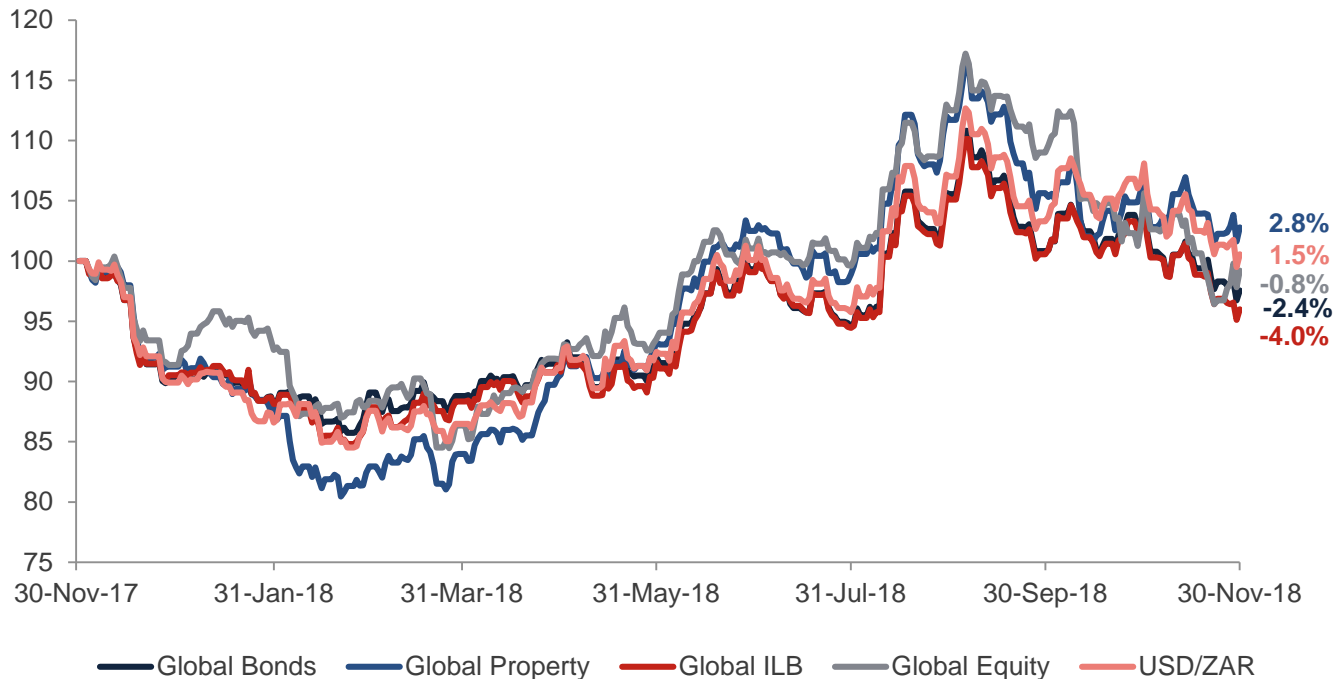


* CPI lagged by one month due to availability of data

Source: INET BFA and Momentum Investments

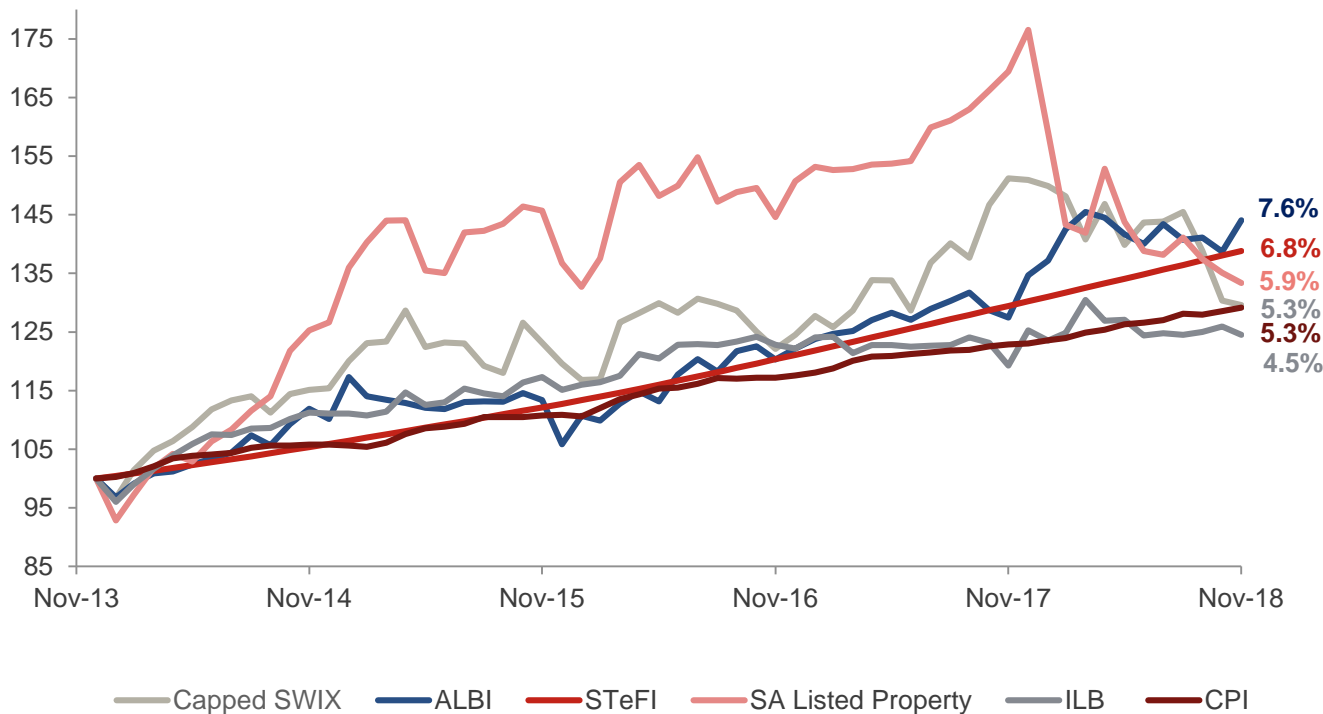
Global asset classes

One year to November 2018



Local asset classes

Five years to November 2018

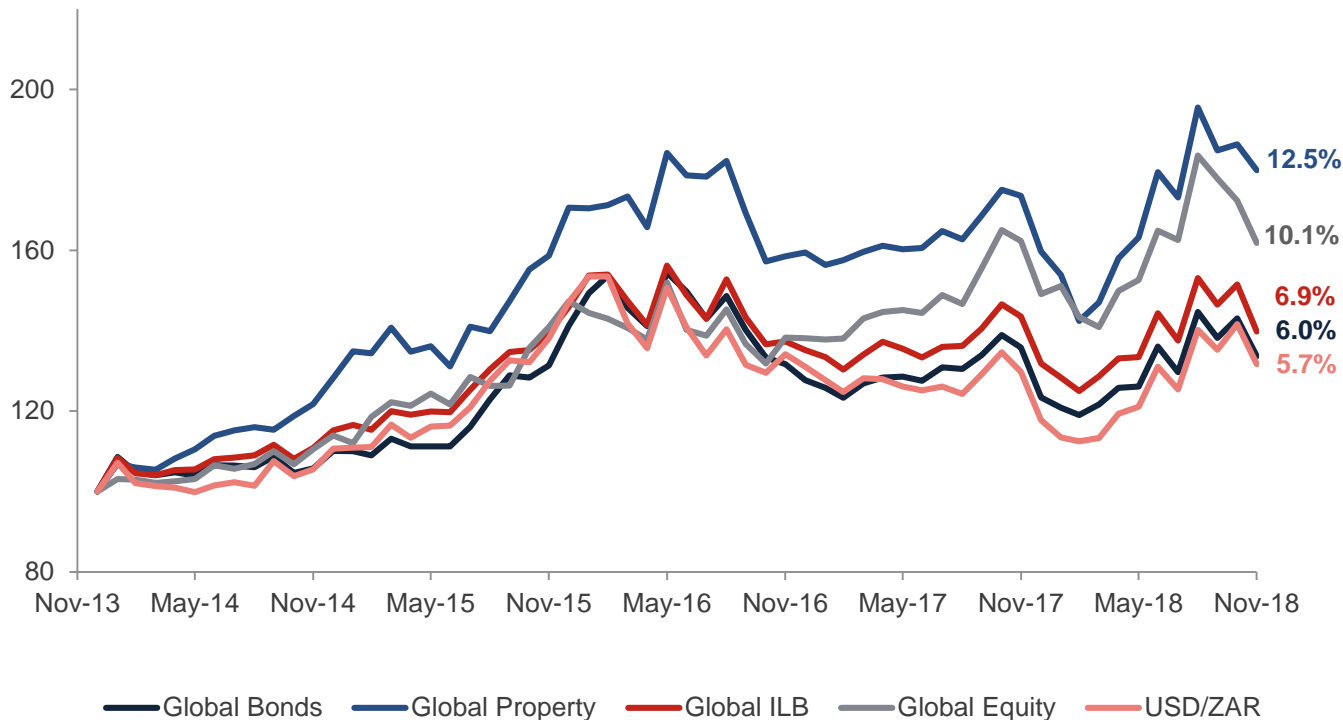


* CPI lagged by one month due to availability of data

Source: INET BFA and Momentum Investments

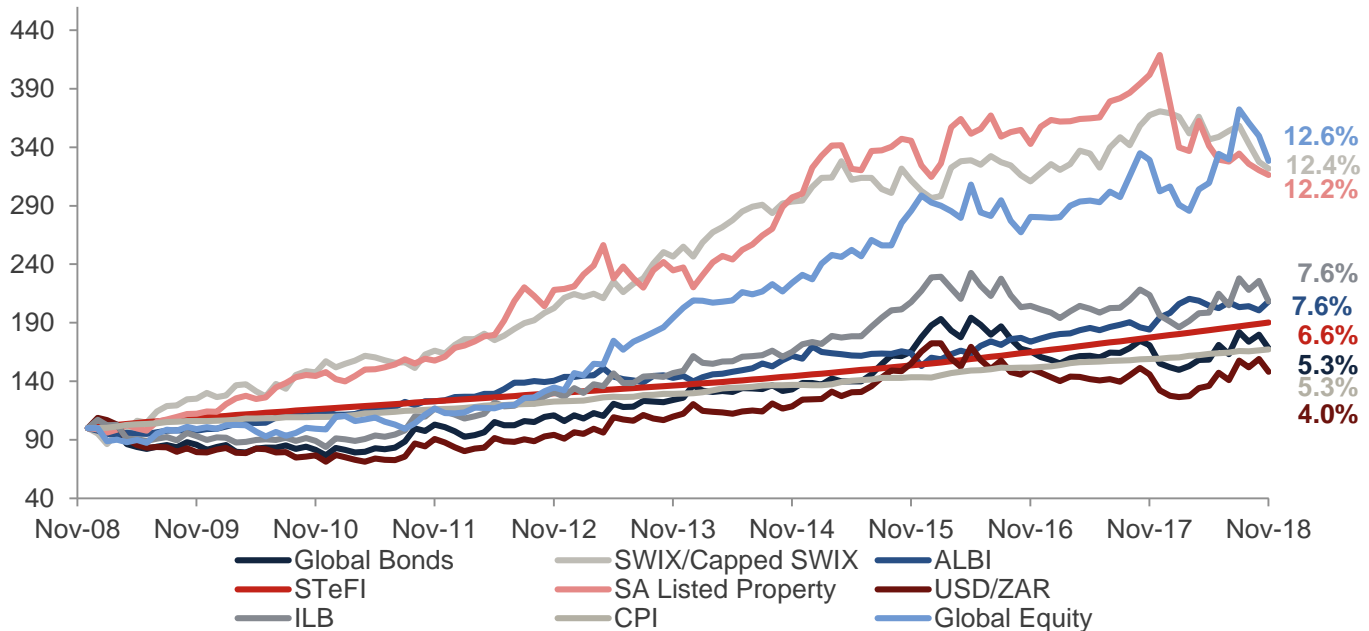
Global asset classes

Five years to November 2018



Asset classes

Ten years to November 2018



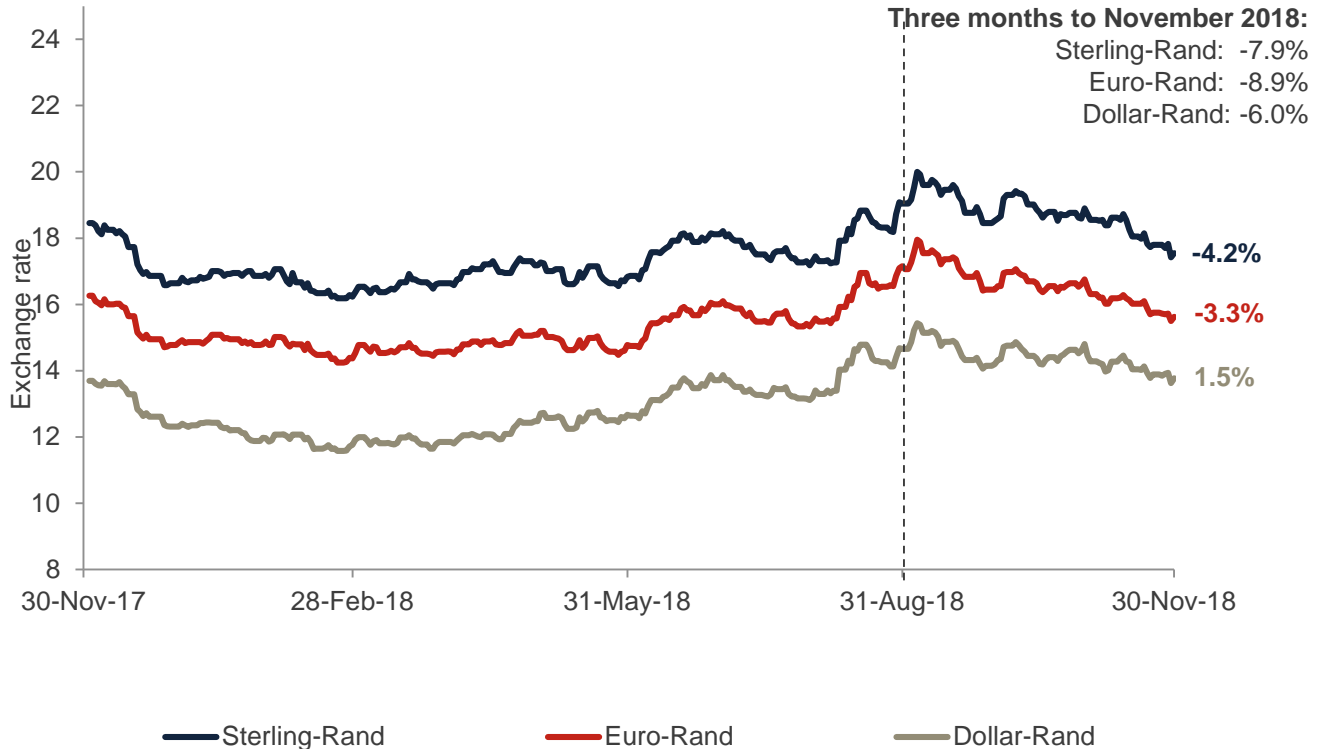
* CPI lagged by one month due to availability of data

For the 10-year period to September 2018, the FTSE/JSE SA Listed Property continued to outperform, followed by the SWIX/Capped SWIX composite and global equity

Source: INET BFA and Momentum Investments

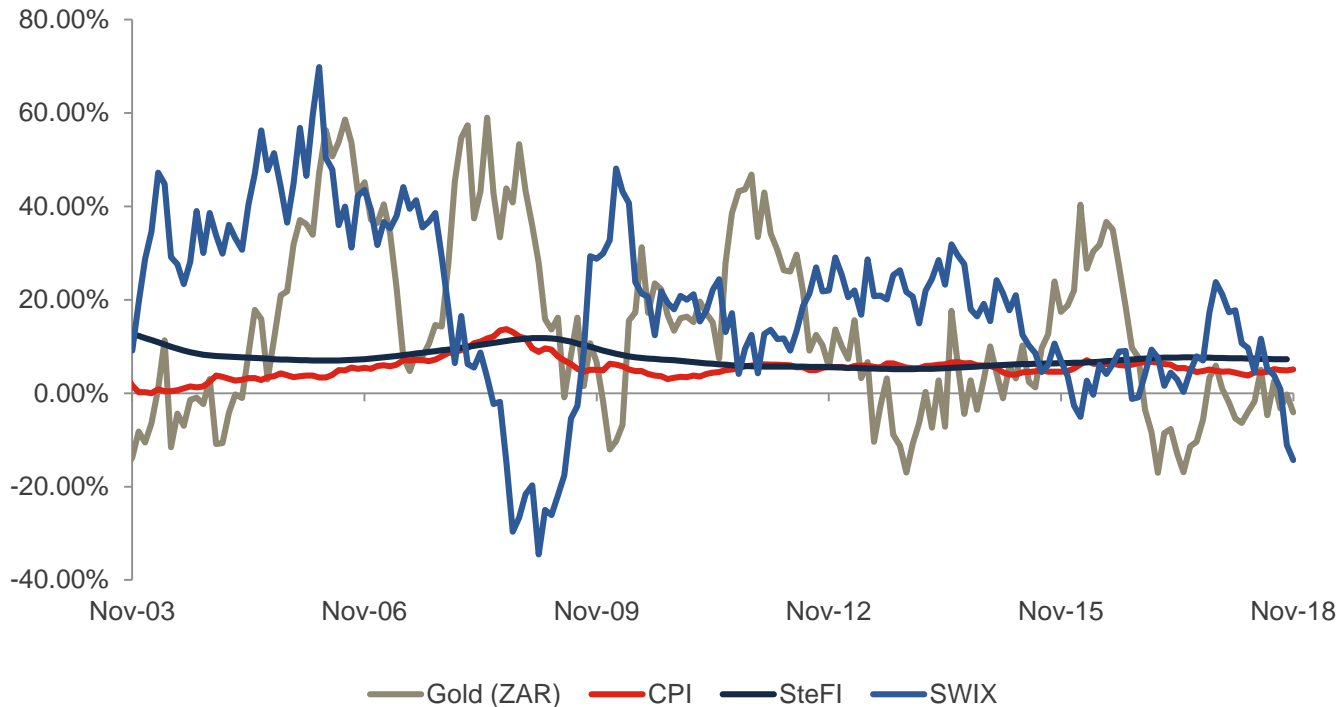
Exchange rates

One year to November 2018



Gold (rands), FTSE/JSE SWIX, CPI, SteFI

One-year rolling returns to November 2018

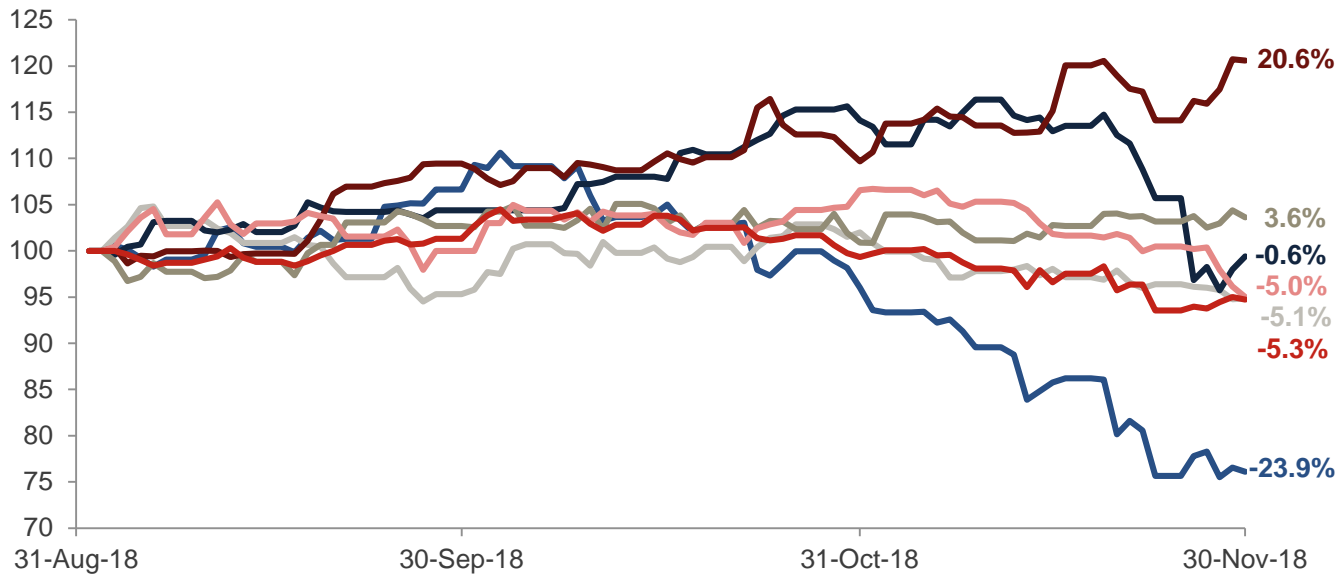


* CPI lagged by one month due to availability of data

Source: INET BFA and Momentum Investments

Commodities

Three months to November 2018



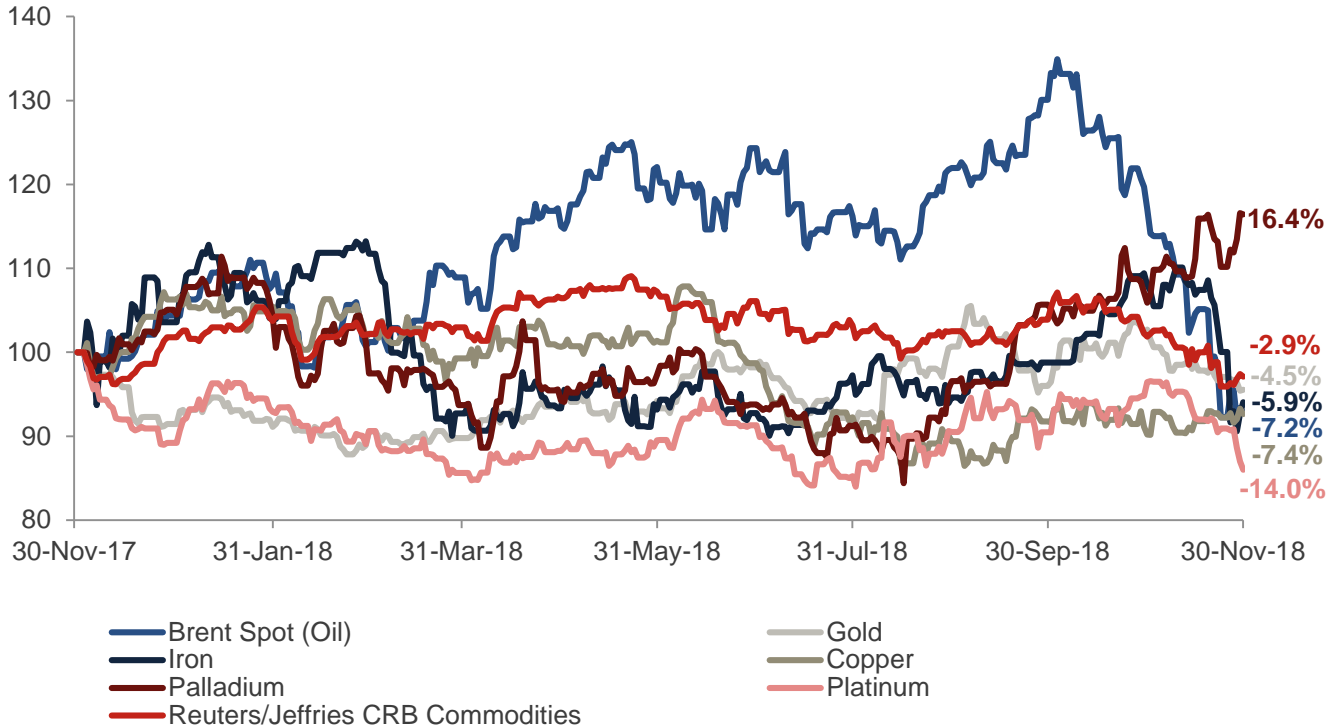
- Brent Spot (Oil)
- Iron
- Palladium
- Reuters/Jeffries CRB Commodities
- Gold
- Copper
- Platinum

All returns are in dollar terms

Source: INET BFA, FT.com and Momentum Investments

Commodities

One year to November 2018

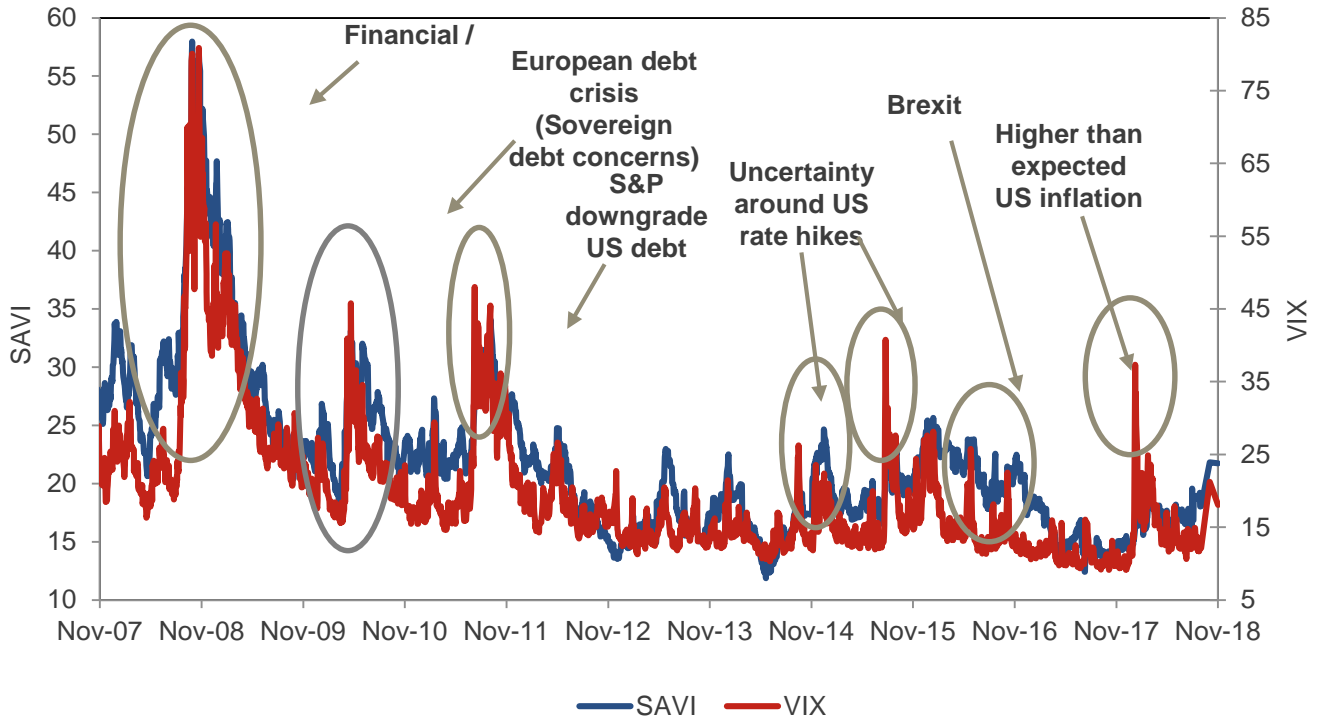


All returns are in dollar terms

Source: INET BFA, FT.com and Momentum Investments

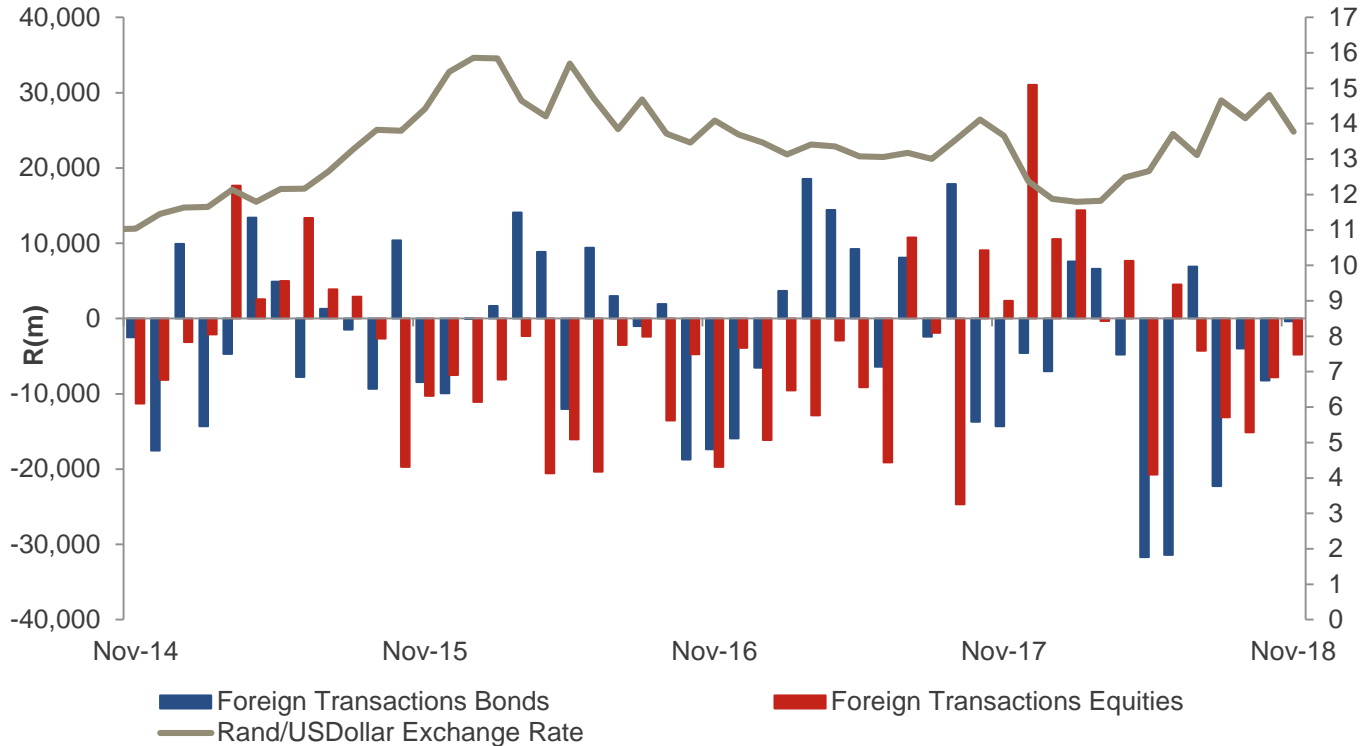
SAVI-VIX

Since November 2007 to November 2018



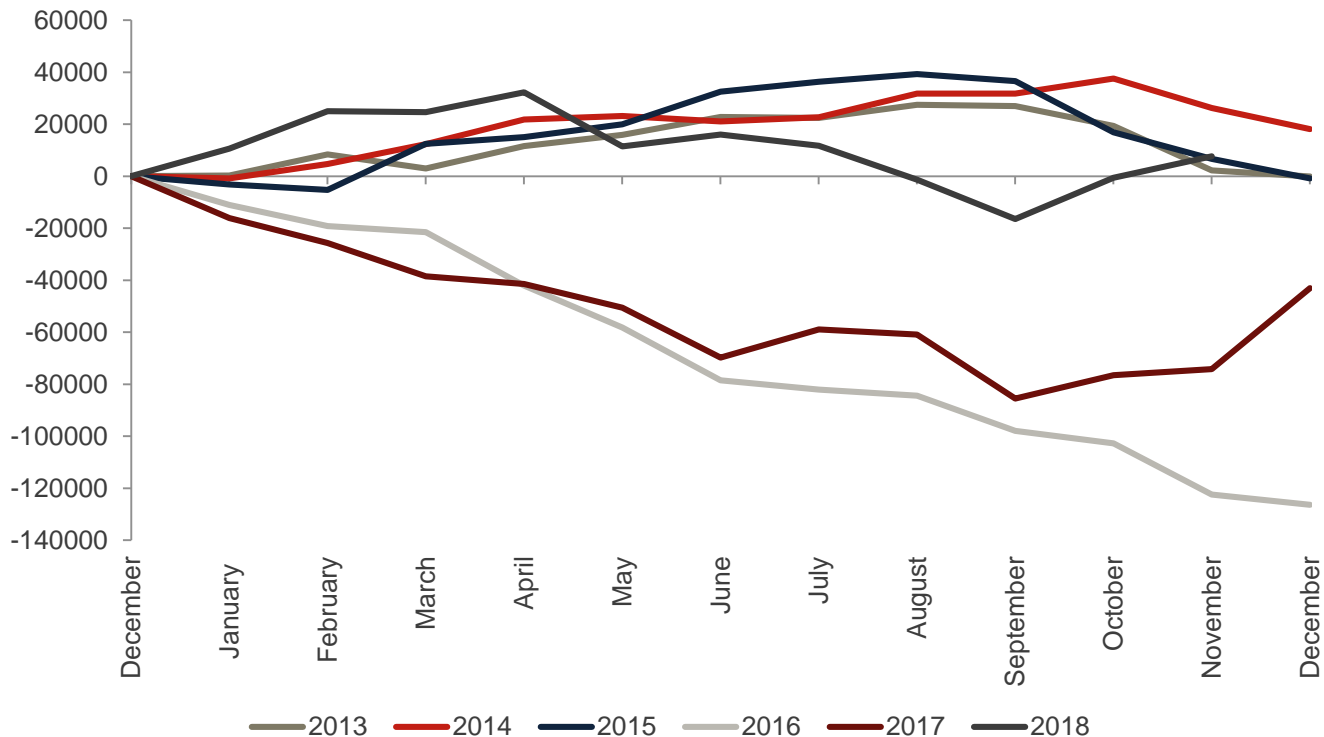
Foreign transactions

2014 to 2018

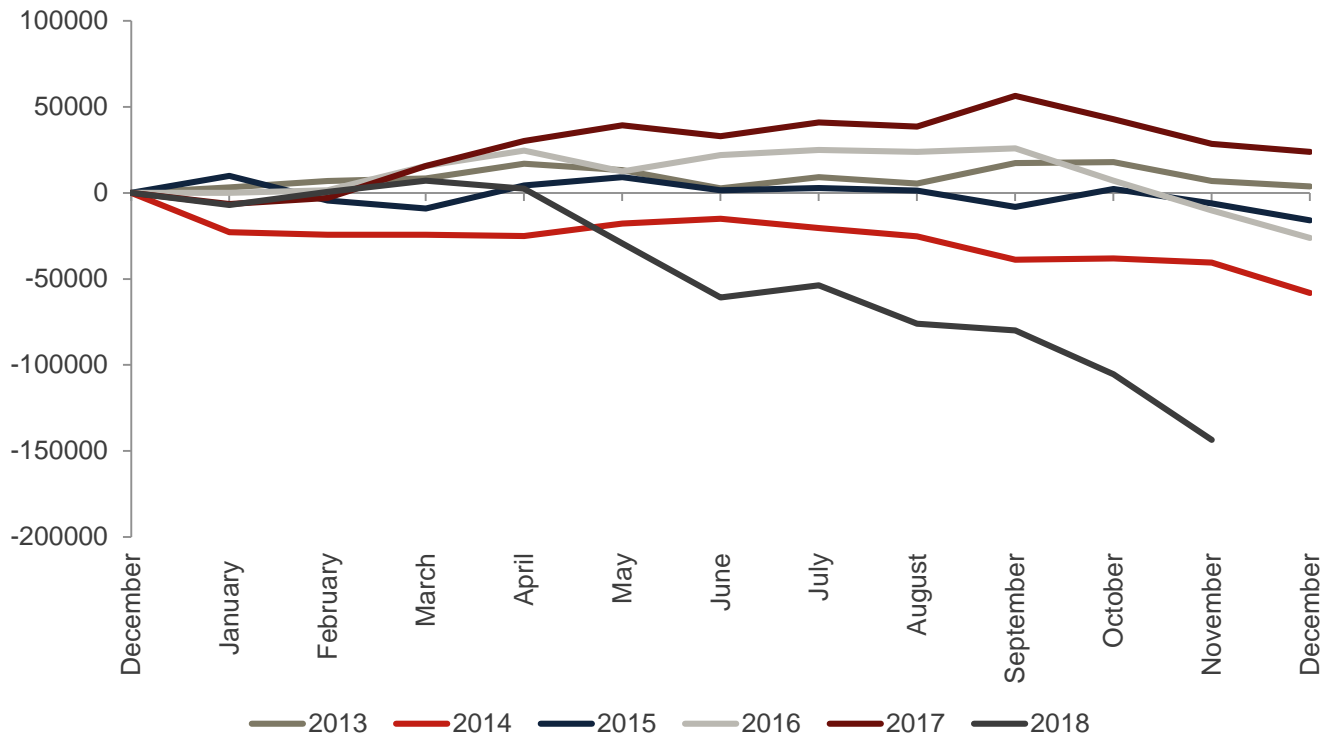


Cumulative foreign transaction equities

2013 to 2018



Cumulative foreign transaction bonds 2013 to 2018





momentum
investments

Disclaimer

1. Sources: Momentum Investments, I-Net Bridge, www.msci.com, www.yieldbook.com, www.ft.com.
2. Returns for periods exceeding one year are annualised.
3. The return for Consumer Price Index (CPI) is to the end of the previous month. Due to the reweighting of the CPI from January 2009, this number reflects a compound of month-on-month CPI returns. The historical numbers used are the official month-on-month numbers based on a composite of the previous inflation series (calculations before January 2009) and the revised inflation series (calculations after January 2009).
4. The MSCI World index (All Countries) returns are adjusted to correspond with global investment prices received.
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