

# Key market performance drivers

Monthly charts to 30 November 2021



**momentum**  
investments

# Table of contents

01 Market concentration

02 Active index analysis

03 Style analysis

04 Sector analysis

05 Index return charts

06 Volatility and international flows

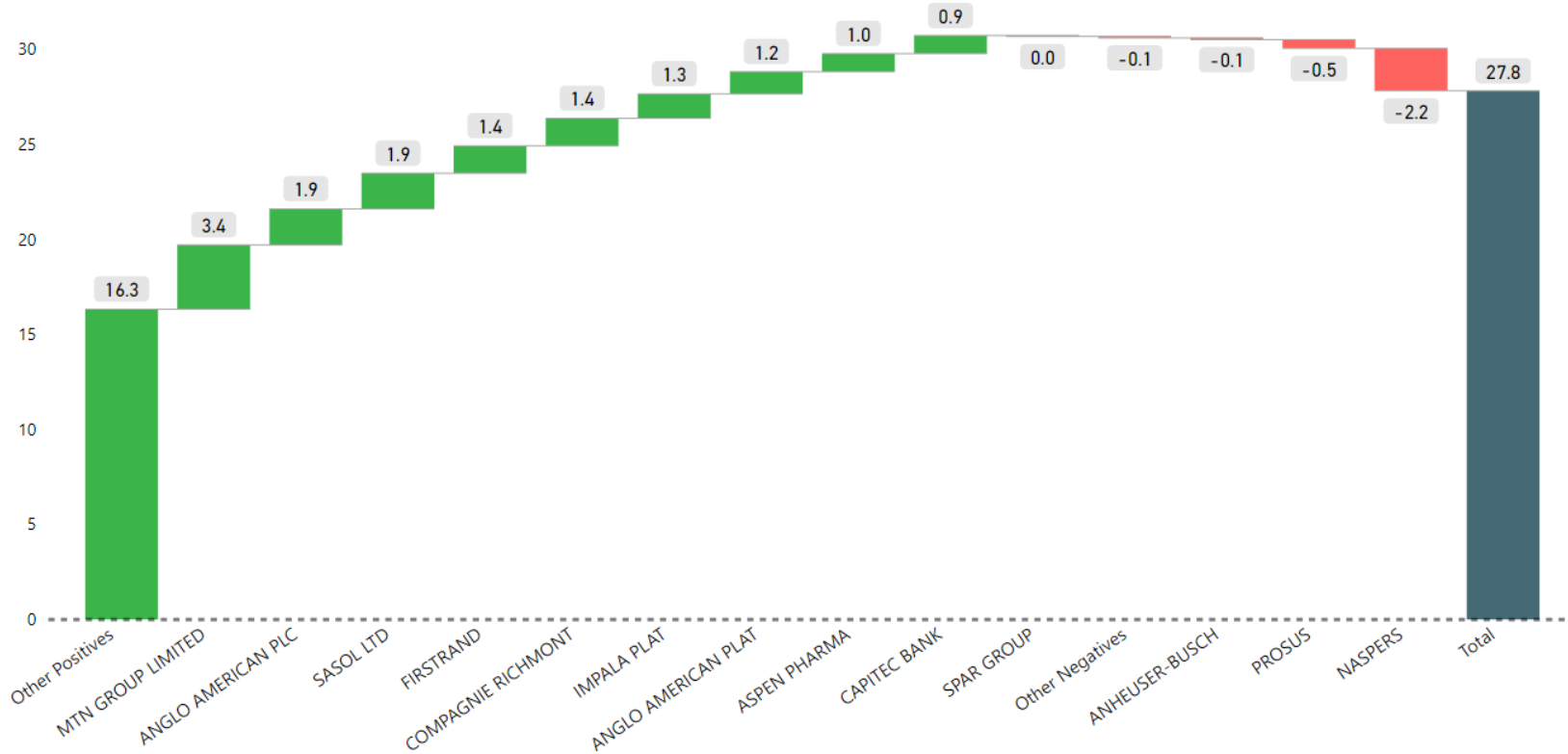
Market  
concentration

01

# One-year Capped SWIX contributions to November 2021

● Increase ● Decrease ● Total

35



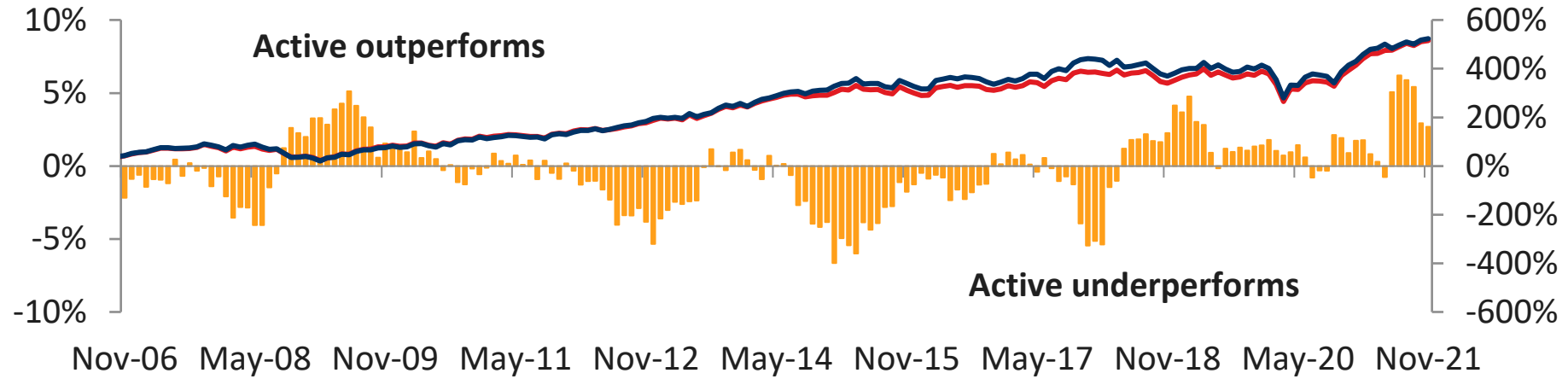
Active index  
analysis

02

# Active index analysis: Equities



One-year rolling active returns to November 2021



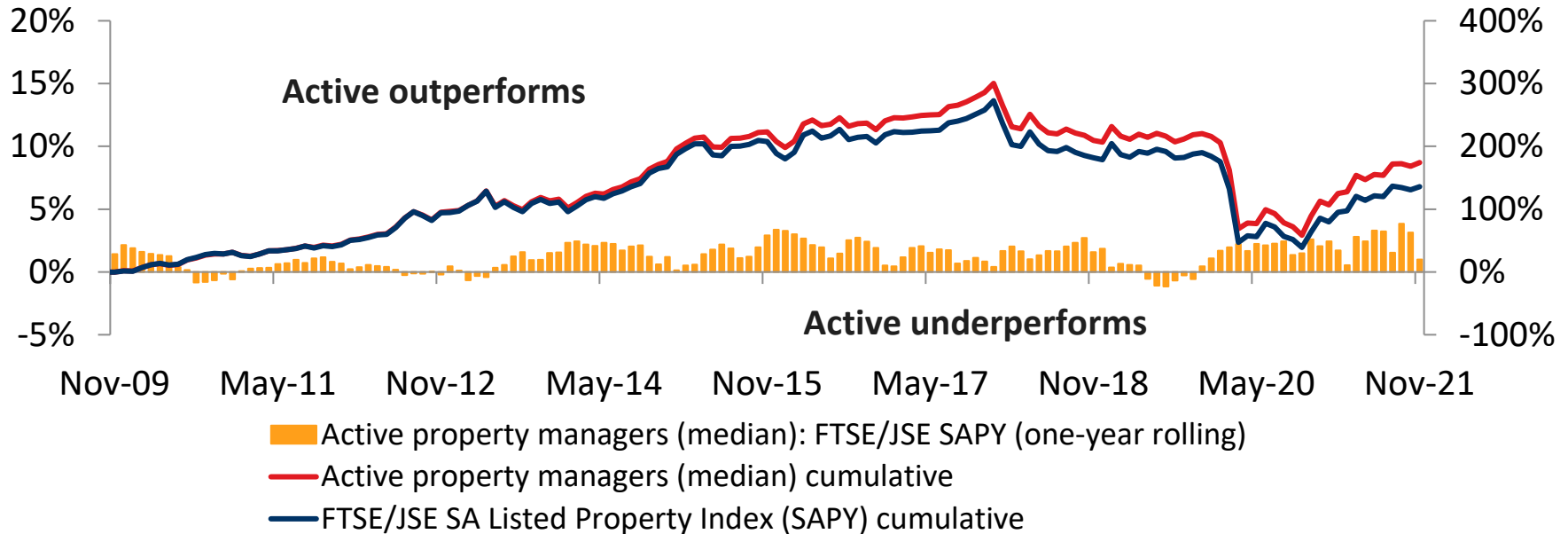
- Active equity managers: FTSE/JSE SWIX/Capped SWIX (one-year rolling)
- Active equity managers cumulative
- FTSE/JSE Shareholder-weighted Index (SWIX)/Capped SWIX cumulative

The median of the active equity investment managers outperformed the SWIX/Capped SWIX composite benchmark for the one-year period ending November 2021

# Active index analysis: Property



One-year rolling active returns to November 2021

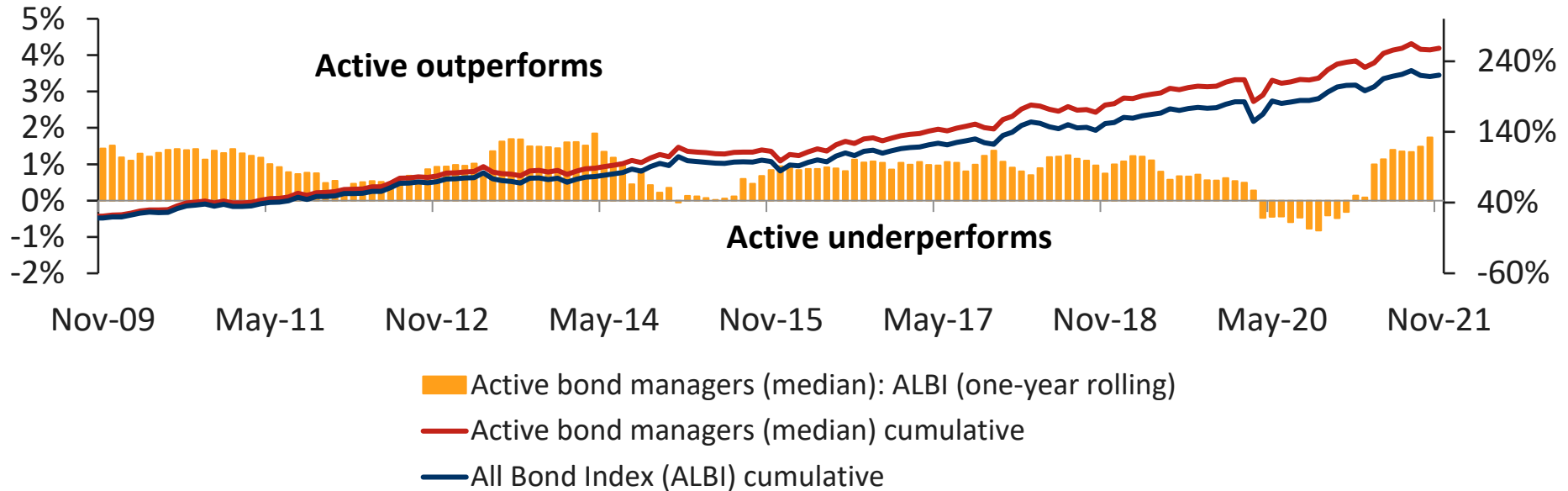


The median return of the active property investment managers outperformed the SAPY for the one-year period ending November 2021

# Active index analysis: Bonds



One-year rolling active returns to November 2021



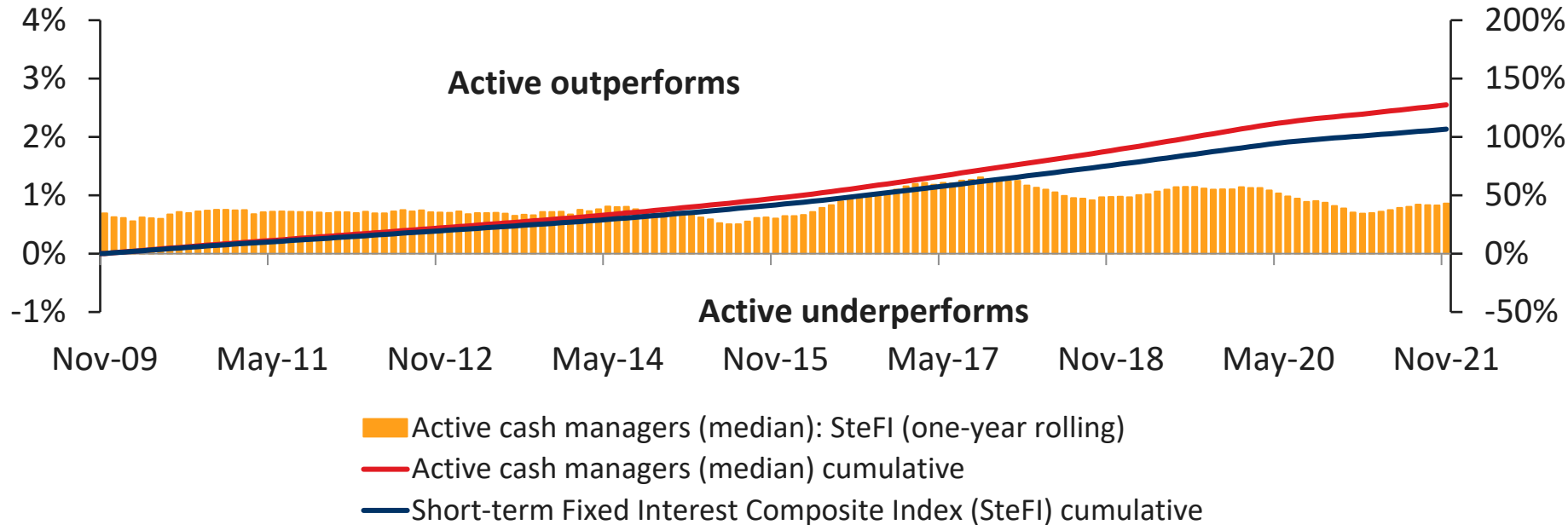
The median of the active bond investment managers outperformed the ALBI for the one-year period ending November 2021



# Active index analysis: Cash



One-year rolling active returns to November 2021



The median of the active money market investment managers outperformed the SteFI for the one-year period ending November 2021

Style  
analysis

03

# Style returns heat map for South Africa to November 2021

In the last year, value outperformed quality and momentum

ZAR	Styles	One month to November 2021	Three months to November 2021	One year to November 2021	Three years to November 2021	Five years to November 2021	Ten years to November 2021	Twenty years to November 2021
Value	Book to price	-0,83	9,44	26,08	4,74	-1,20	-1,74	-0,20
	Dividend yield	1,18	-5,13	-5,97	0,15	1,92	0,04	2,46
	Earnings yield	0,27	0,87	0,19	-0,25	-1,55	-0,88	-0,38
	Cash flow yield	-0,69	3,34	12,22	0,45	-0,15	0,89	1,13
	Sales to price	0,16	-0,20	12,92	3,14	1,41	-0,41	-0,28
Quality	ROE	-1,09	-7,11	-23,22	-3,79	1,92	0,67	0,66
	ROIC LT	0,63	-9,01	-9,39	-3,39	-3,89	-2,14	-0,70
	Income to sales	-0,91	-0,93	-11,15	-1,53	-1,15	-0,01	0,05
	Low market beta	-1,10	3,19	-11,93	-5,44	-3,39	1,02	-0,21
	Low debt/equity	-1,21	-3,00	-13,01	-1,83	-1,74	-1,17	-1,22
	EBIT margin stability	-1,22	-1,06	-8,07	-1,72	-3,85	0,77	0,48
Growth	Earnings growth	0,05	0,07	-5,83	4,35	3,77	1,84	0,47
	Sales growth	0,45	0,00	-4,48	3,56	0,58	1,15	-0,12
	12M Earning growth	-1,16	-4,39	-5,12	9,83	4,25	-0,54	4,41
Momentum	FY1 Earnings revisions	-2,87	-2,42	6,83	6,38	3,78	4,36	7,26
	Short-term momentum	-4,17	-5,16	-5,95	-1,38	-2,04	0,25	-0,54
	Medium-term momentum	-0,13	-0,14	-3,90	7,76	3,74	5,32	5,61
Size	Size	-0,82	-11,45	-19,15	-0,55	2,37	-0,17	-0,38

Sector  
analysis

04

# FTSE/JSE sectors decomposed

Three months to November 2021

Key

FTSE/JSE Resources



FTSE/JSE Financials

FTSE/JSE Industrials

1 Personal goods	Consumer discretionary	49,92%	17 Tobacco	Consumer staples	1,58%
2 Closed-end investments	Financials	31,61%	18 Software and computer services	Technology	0,94%
3 Alternative energy	Energy	31,48%	19 General industrials	Industrials	0,78%
4 Pharmaceuticals and biotechnology	Health care	21,69%	20 Real estate investment and services	Real estate	0,73%
5 Chemicals	Basic materials	18,15%	21 Real estate investment trusts	Real estate	-0,56%
6 Telecommunications service providers	Telecommunications	13,98%	22 Industrial metals and mining	Basic materials	-1,43%
7 Travel and leisure	Consumer discretionary	13,72%	23 Beverages	Consumer staples	-2,21%
8 Finance and credit services	Financials	12,09%	24 Personal care	Consumer staples	-2,83%
9 Industrial support services	Industrials	10,41%	25 Automobiles and parts	Consumer discretionary	-3,58%
10 Precious metals and mining	Basic materials	10,19%	26 Industrial materials	Basic materials	-4,68%
11 Construction and materials	Industrials	8,97%	27 Oil	Energy	-4,71%
12 Investment banking and brokerage	Financials	6,55%	28 Banks	Financials	-6,41%
13 Non-life insurance	Financials	5,20%	29 Health care providers	Health care	-6,42%
14 Industrial transportation	Industrials	3,87%	30 Electronic and electrical equipment	Industrials	-7,07%
15 Food producers	Consumer staples	2,42%	31 Life insurance	Financials	-7,61%
16 Consumer services	Consumer discretionary	2,31%	32 Retailers	Consumer discretionary	-11,79%

# FTSE/JSE sectors decomposed

One year to November 2021

Key

FTSE/JSE Resources

FTSE/JSE Financials

FTSE/JSE Industrials

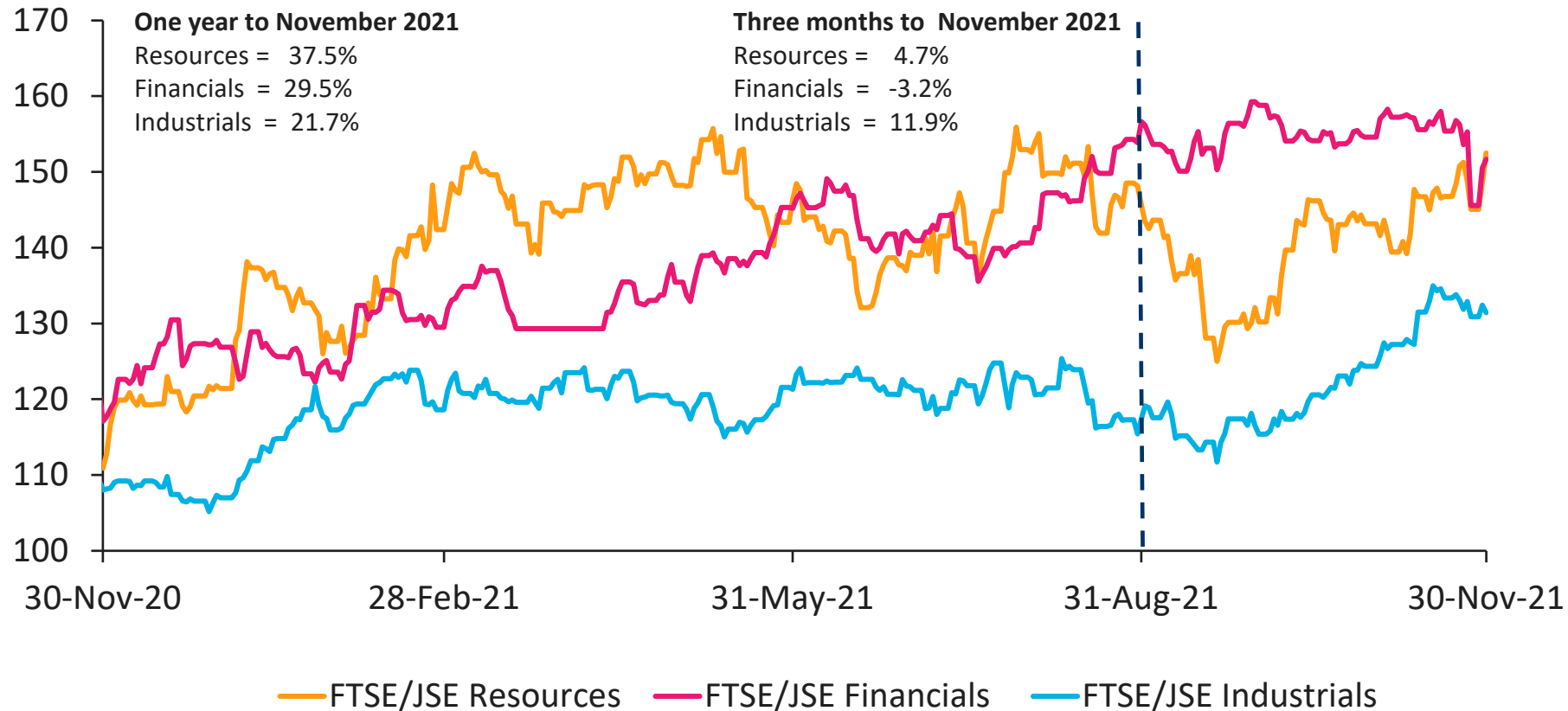


1 Alternative energy	Energy	127,02%	17 Electronic and electrical equipment	Industrials	39,09%
2 Chemicals	Basic materials	103,47%	18 Construction and materials	Industrials	38,87%
3 Pharmaceuticals and biotechnology	Health care	89,33%	19 General industrials	Industrials	37,85%
4 Personal goods	Consumer discretionary	85,23%	20 Industrial metals and mining	Basic materials	37,25%
5 Finance and credit services	Financials	77,45%	21 Precious metals and mining	Basic materials	31,50%
6 Telecommunications service providers	Telecommunications	73,43%	22 Banks	Financials	30,74%
7 Industrial support services	Industrials	73,12%	23 Health care providers	Health care	24,36%
8 Travel and leisure	Consumer discretionary	68,21%	24 Personal care	Consumer staples	23,45%
9 Closed-end investments	Financials	66,56%	25 Investment banking and brokerage	Financials	22,72%
10 Consumer services	Consumer discretionary	66,29%	26 Industrial materials	Basic materials	21,70%
11 Automobiles and parts	Consumer discretionary	61,31%	27 Life insurance	Financials	12,83%
12 Oil	Energy	59,22%	28 Food producers	Consumer staples	8,59%
13 Industrial transportation	Industrials	57,24%	29 Tobacco	Consumer staples	7,41%
14 Real estate investment and services	Real estate	46,19%	30 Non-life insurance	Financials	6,61%
15 Real estate investment trusts	Real estate	43,72%	31 Beverages	Consumer staples	2,39%
16 Retailers	Consumer discretionary	41,11%	32 Software and computer services	Technology	-21,05%

# FTSE/JSE sectors



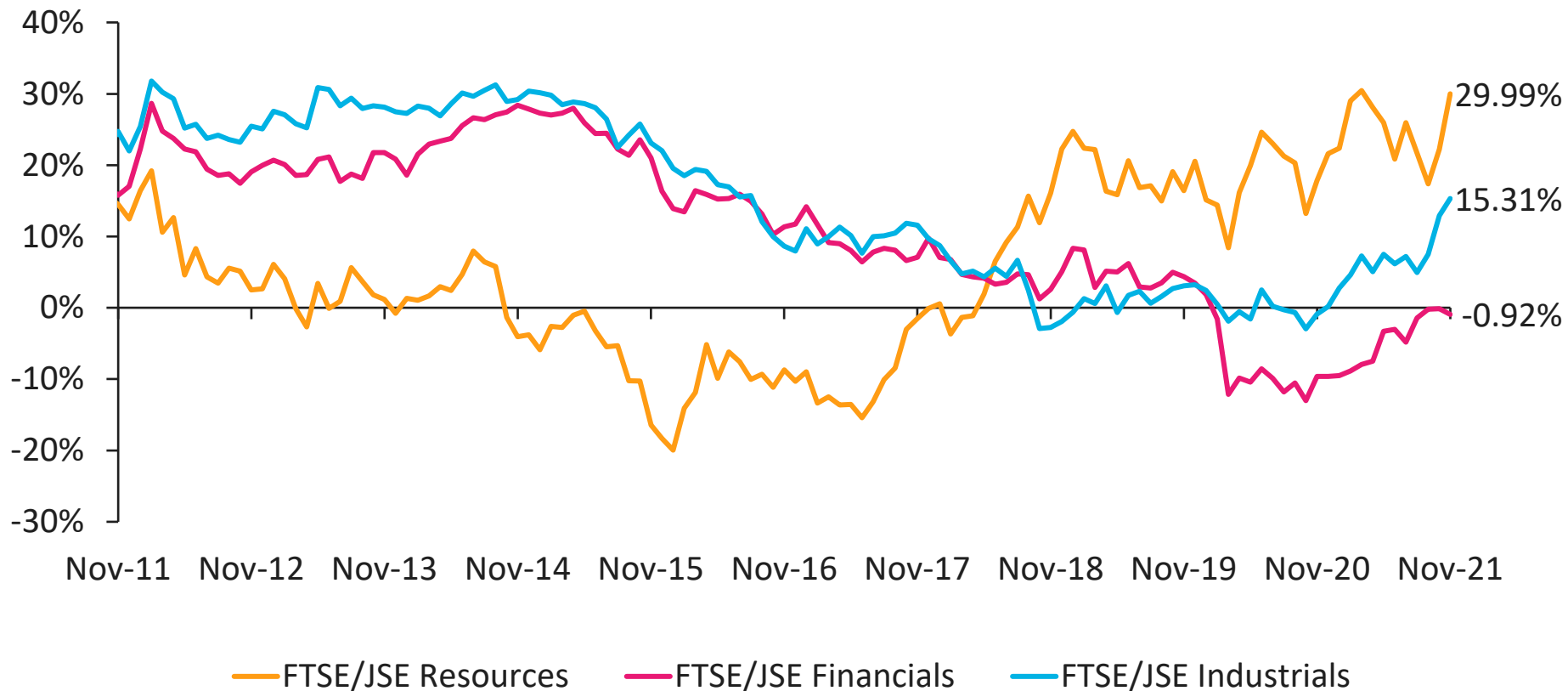
## One-year rolling returns to November 2021



# FTSE/JSE sectors



Ten years rolling to November 2021

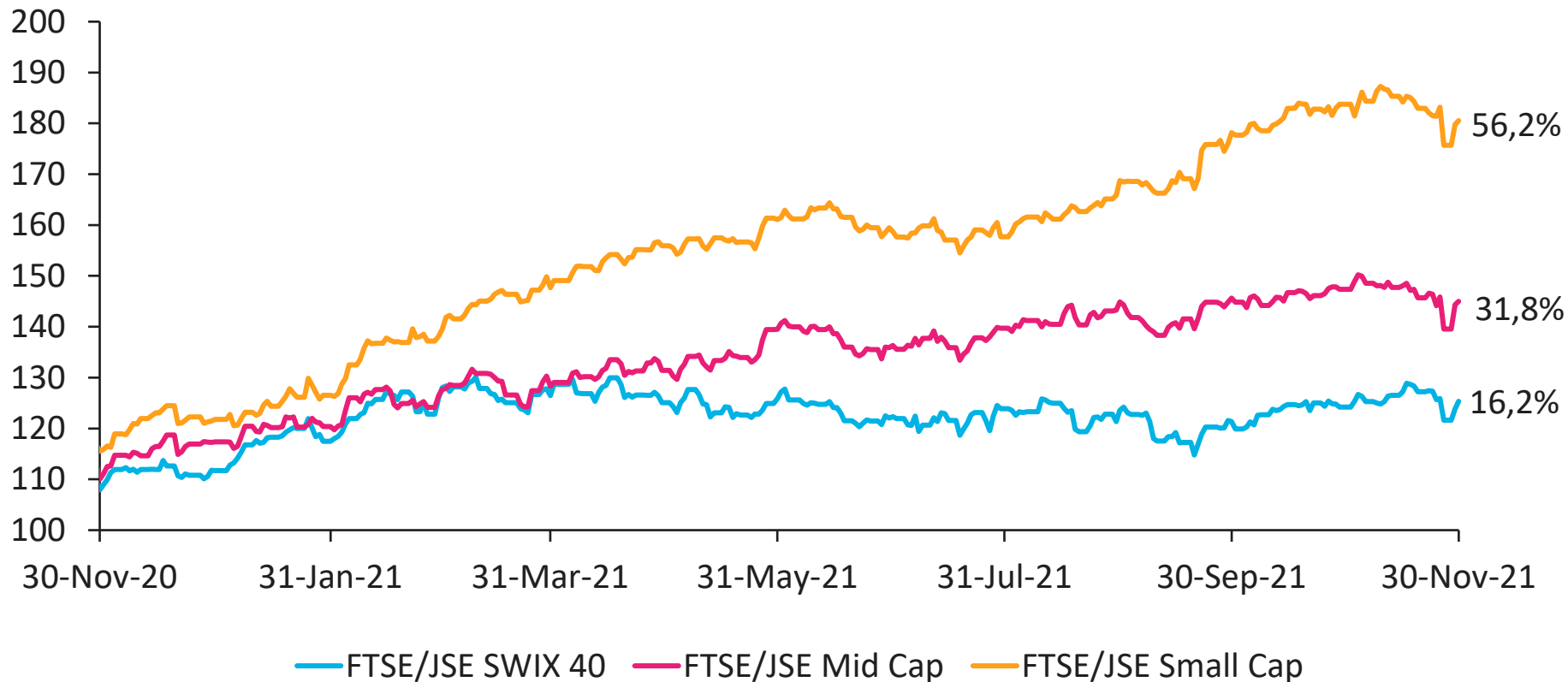




# FTSE/JSE market caps



One year to November 2021



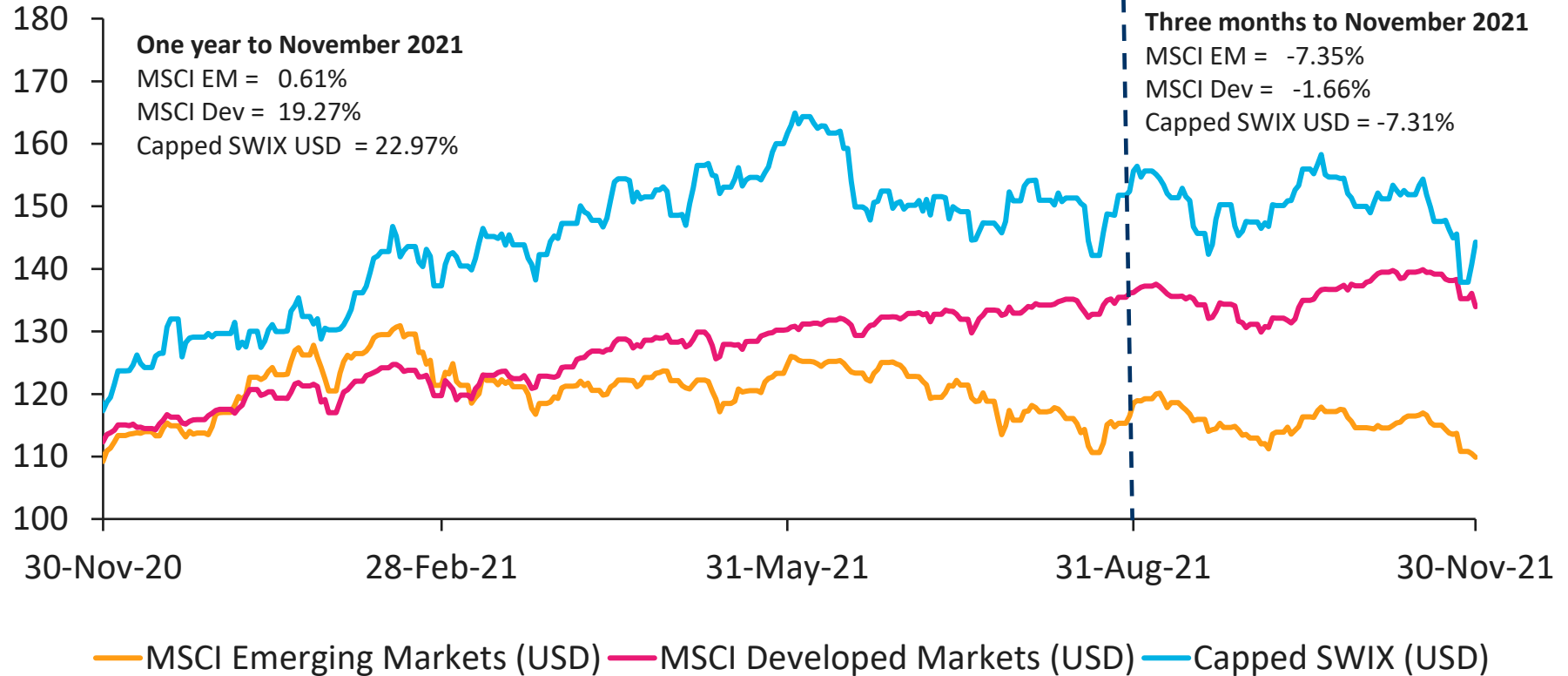
Index return  
charts

05

# MSCI developed and emerging markets



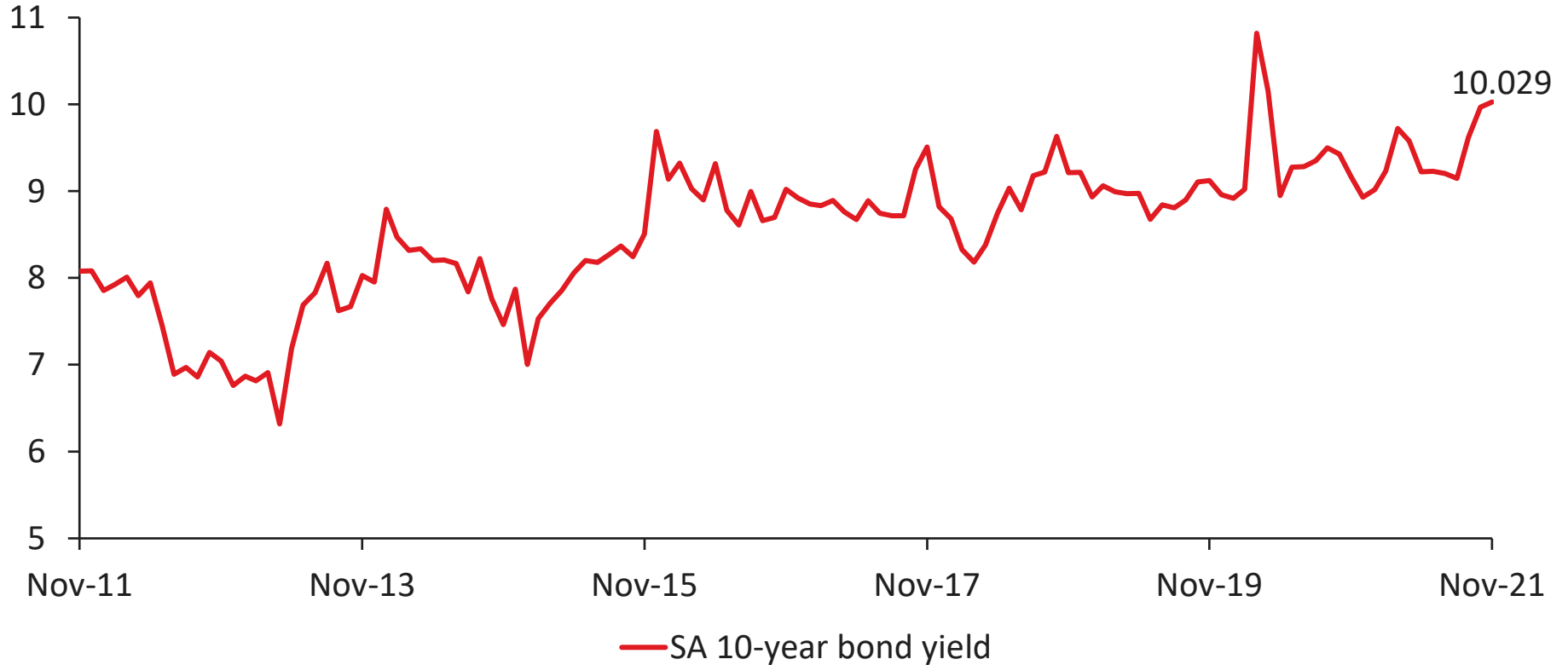
## One year to November 2021



# SA 10-year bond yields



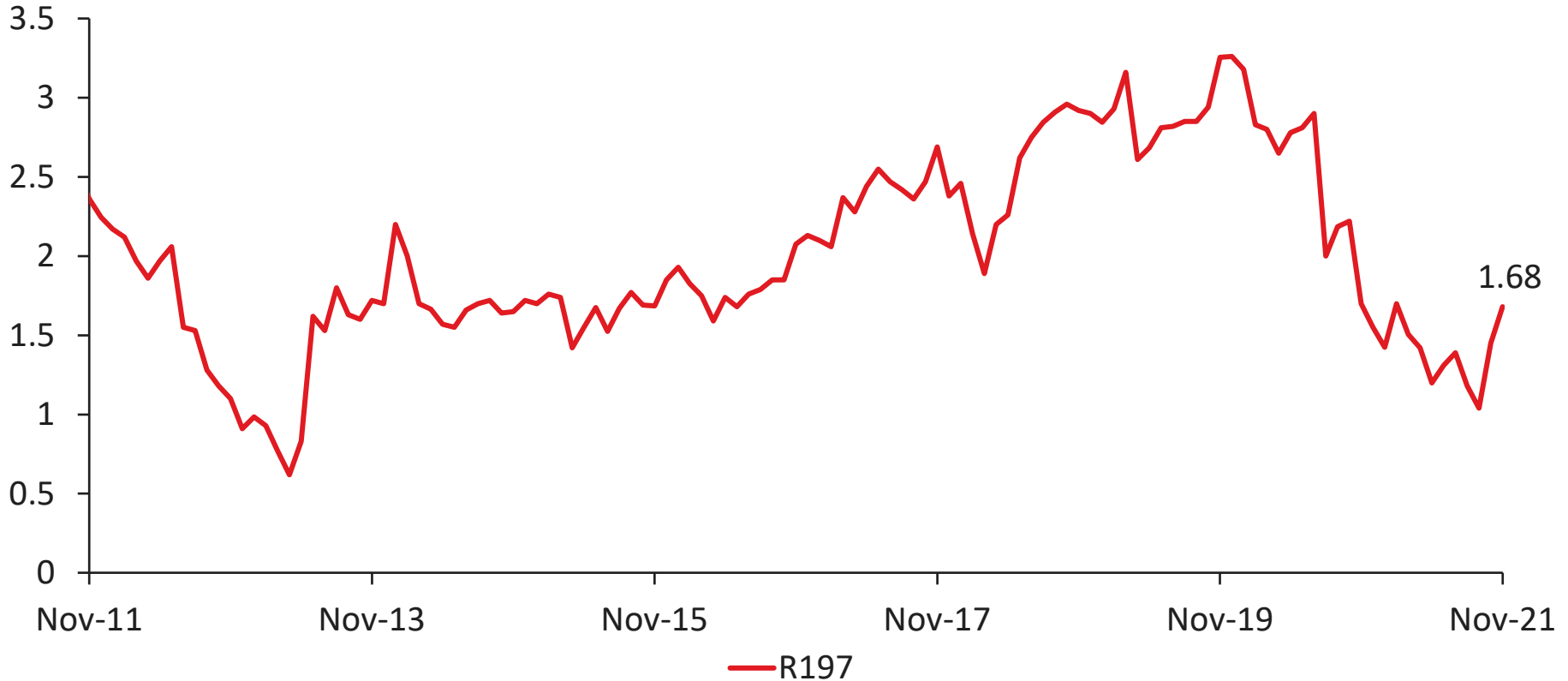
Ten years to November 2021



# Yield of R197 (inflation-linked bond)



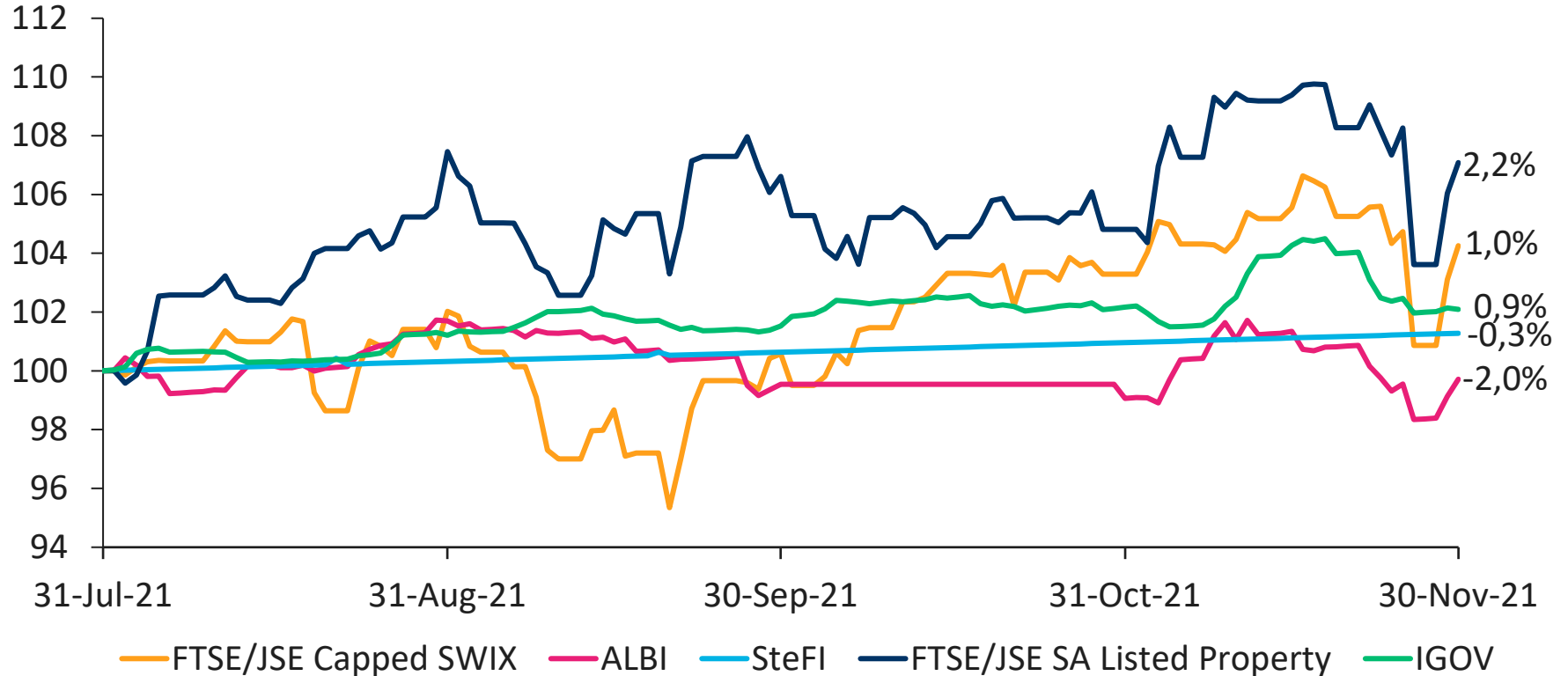
Ten years to November 2021



# Local asset classes



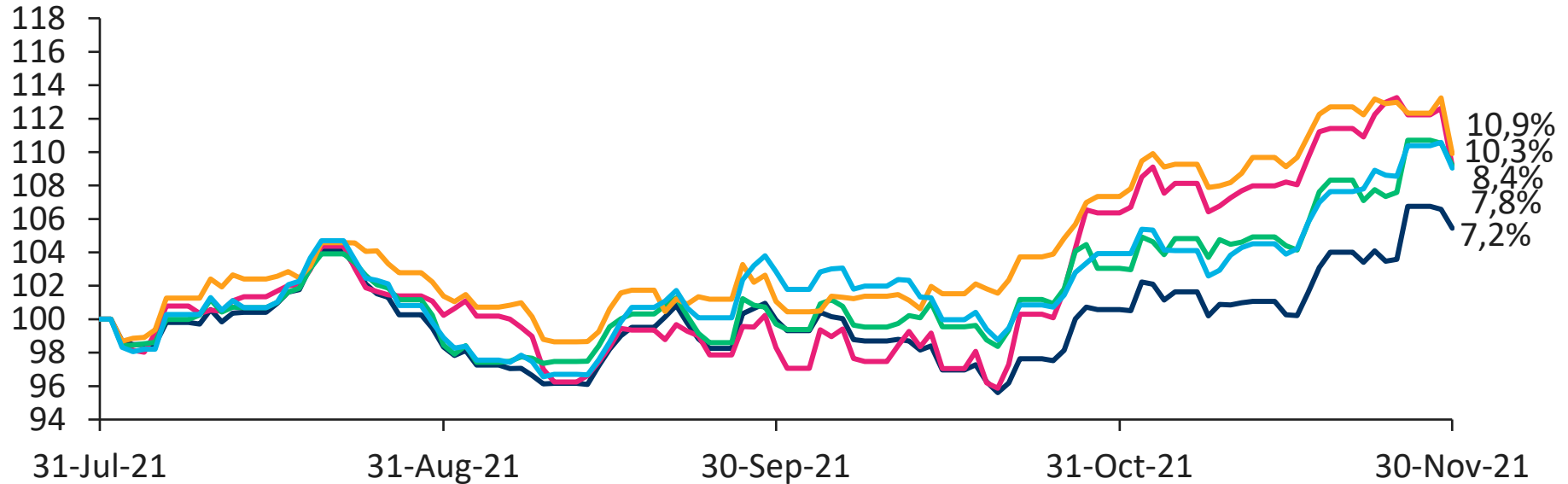
Three months to November 2021



# Global asset classes



Three months to November 2021



— Citigroup World Government Bond Index

— Barclays - World Government Inflation Linked Index

— US dollar/Rand

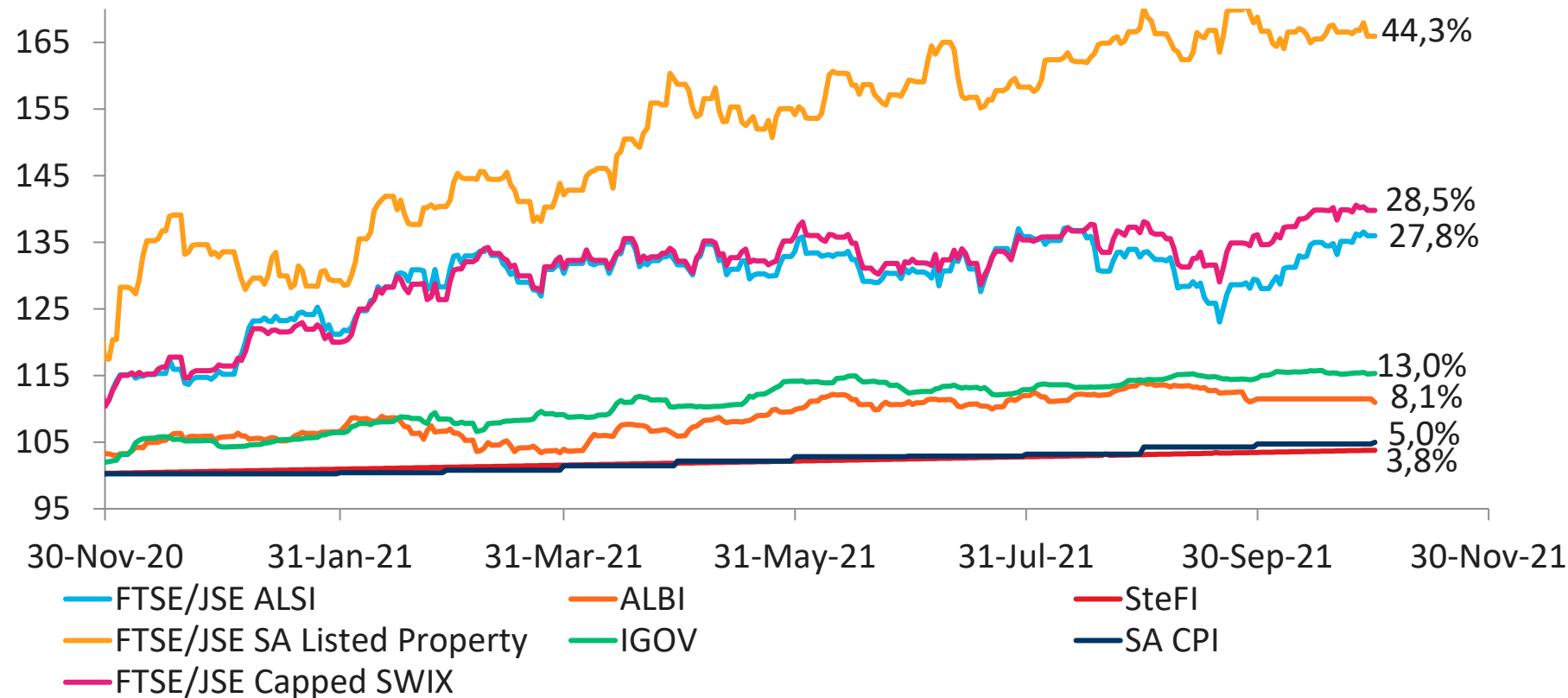
— FTSE EPRA Nareit Developed Global Real Estate

— MSCI All Countries Gross Equity index

# Local asset classes



One year to November 2021

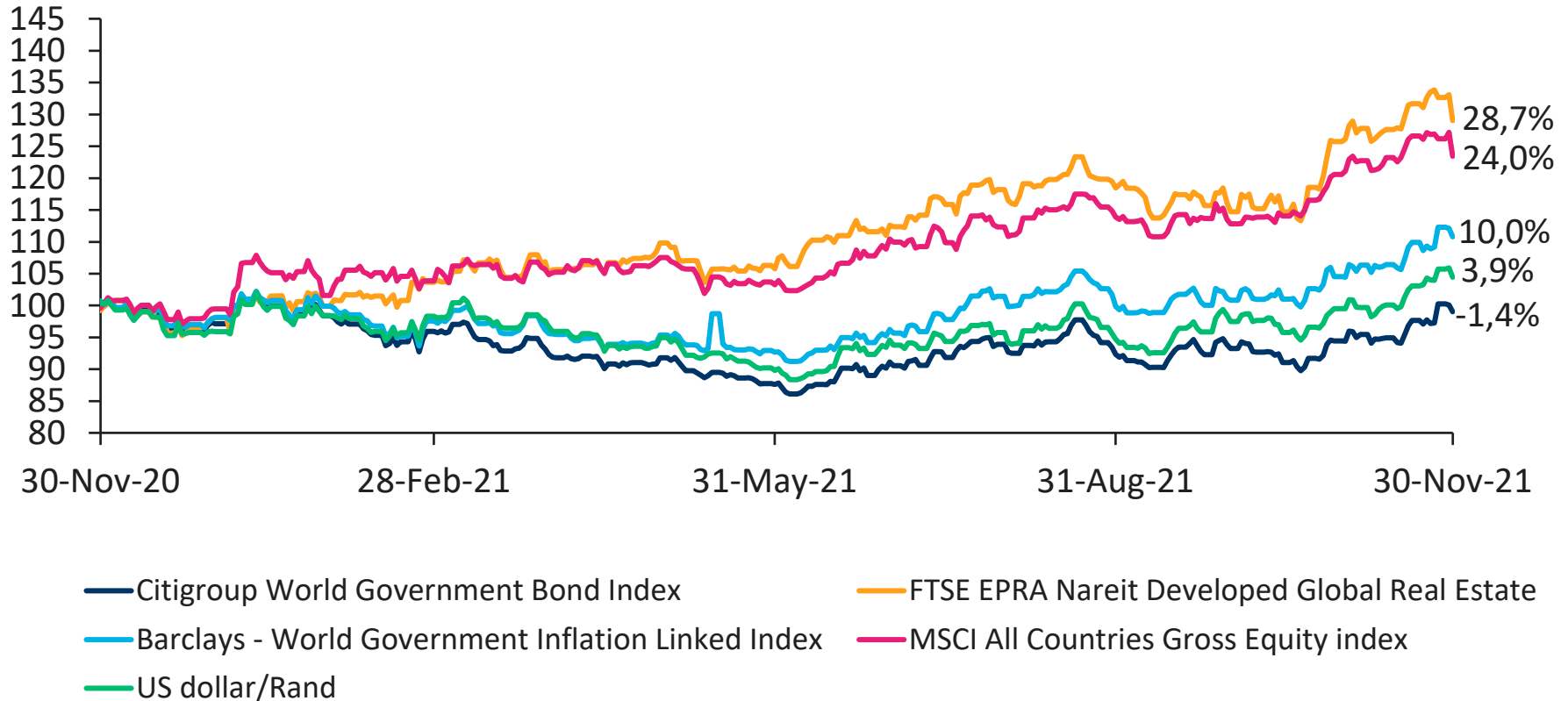




# Global asset classes



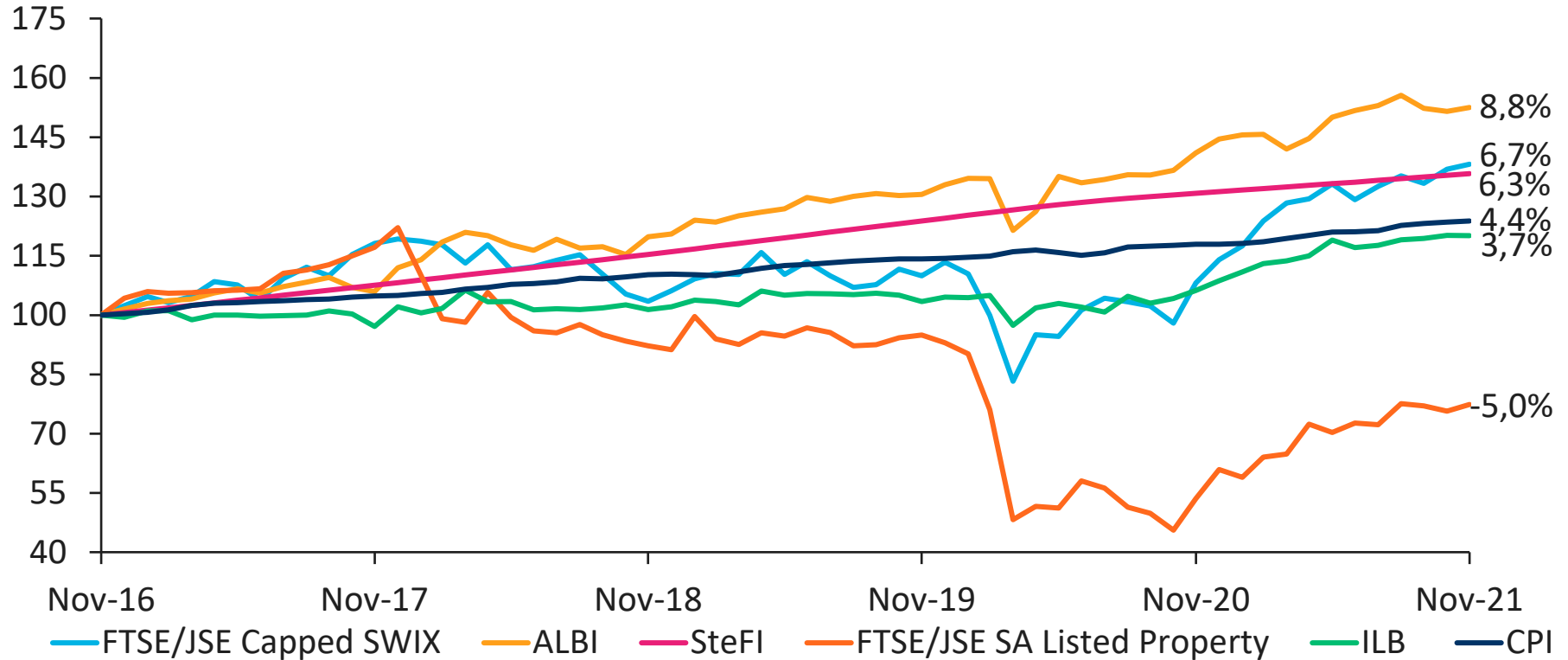
One year to November 2021



# Local asset classes



Five years to November 2021

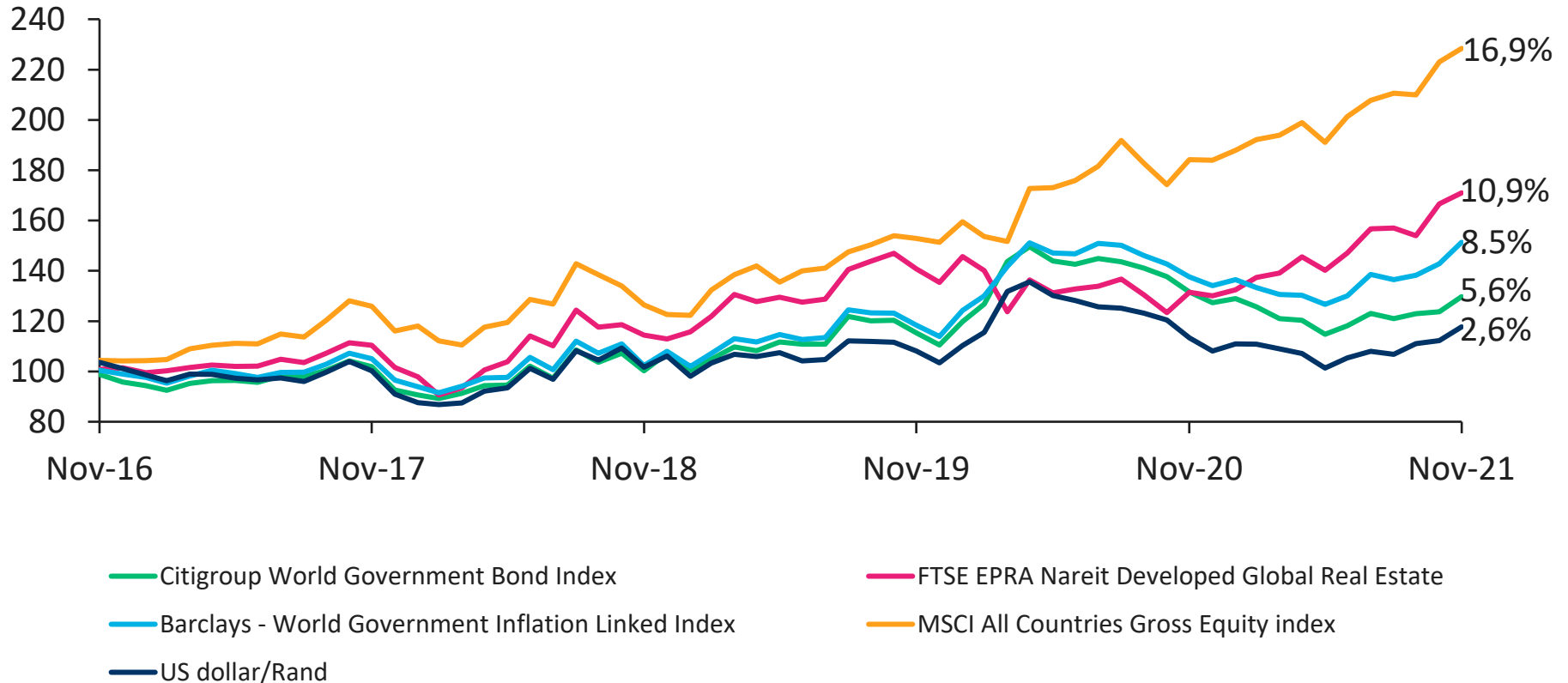


Sources: IRESS and Momentum Investments  
\*CPI lagged by one month due to availability of data.

# Global asset classes



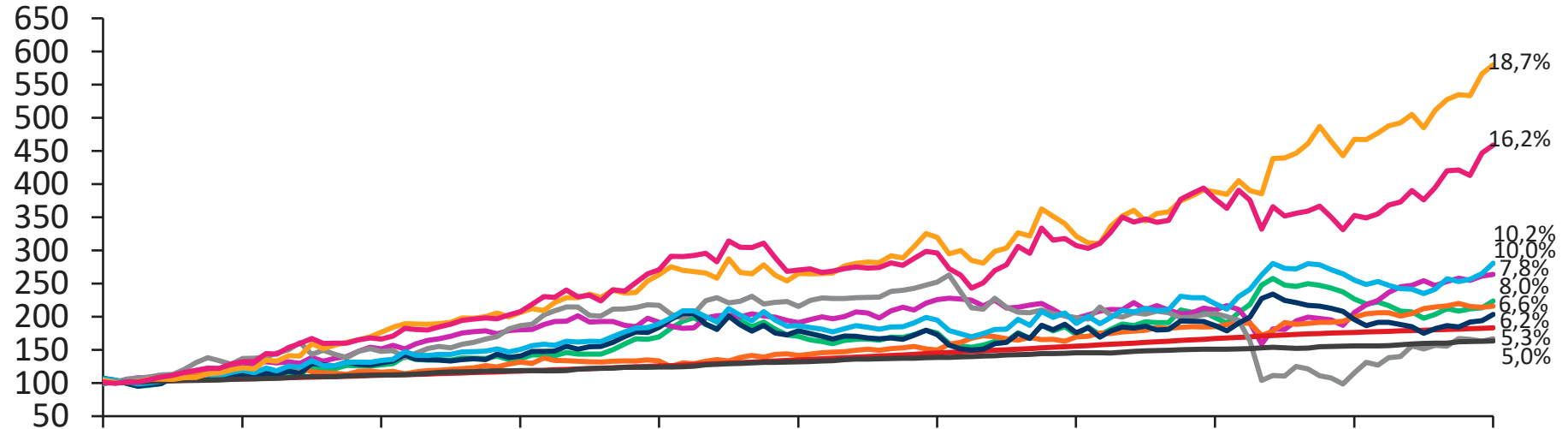
Five years to November 2021



# Asset classes



Ten years to November 2021



Nov-11 Nov-12 Nov-13 Nov-14 Nov-15 Nov-16 Nov-17 Nov-18 Nov-19 Nov-20 Nov-21

- Citigroup World Government Bond Index
- ALBI
- FTSE/JSE SA Listed Property
- Barclays World Government Inflation Linked Index
- MSCI All Countries Gross Equity index

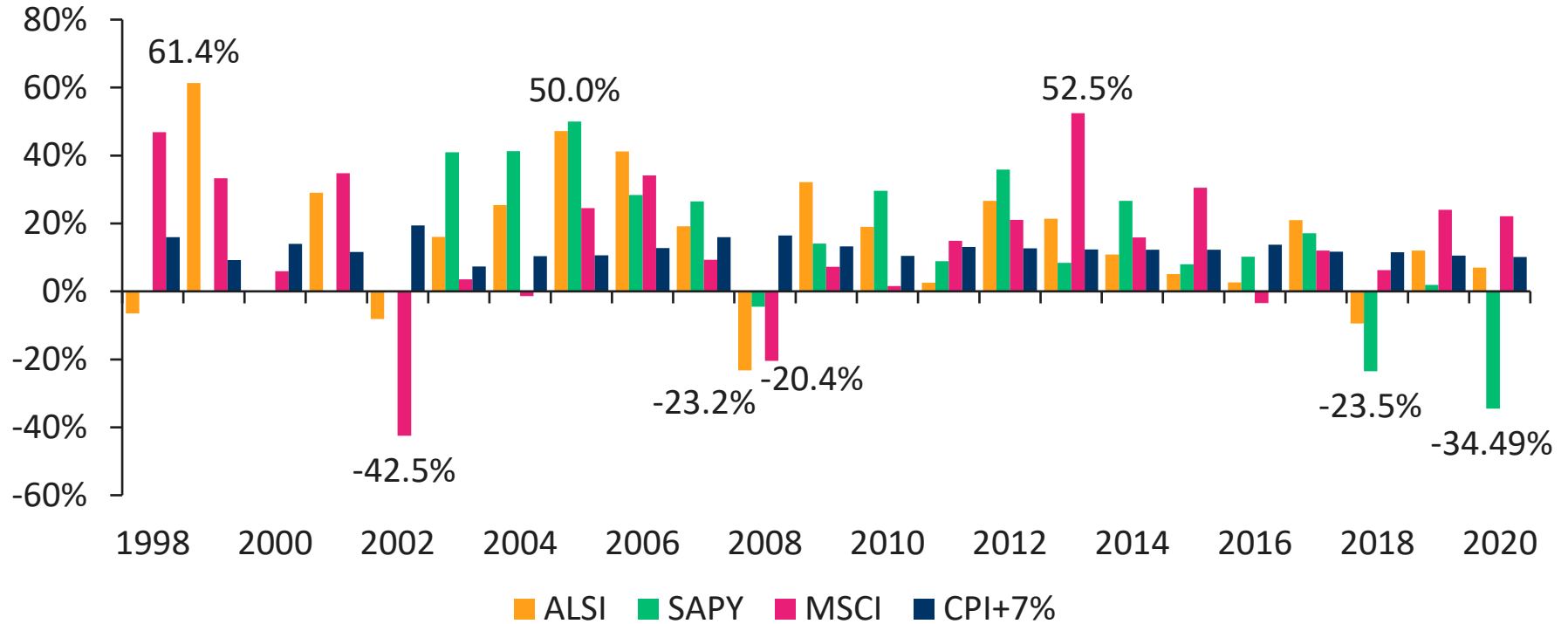
- FTSE/JSE SWIX/Capped SWIX
- SteFI
- US dollar/Rand
- SA CPI
- FTSE EPR Nareit Developed Global Real Estate

Sources: IRESS and Momentum Investments  
\*CPI lagged by one month due to availability of data.

# Annual asset class returns



Ten-year rolling returns to November 2021

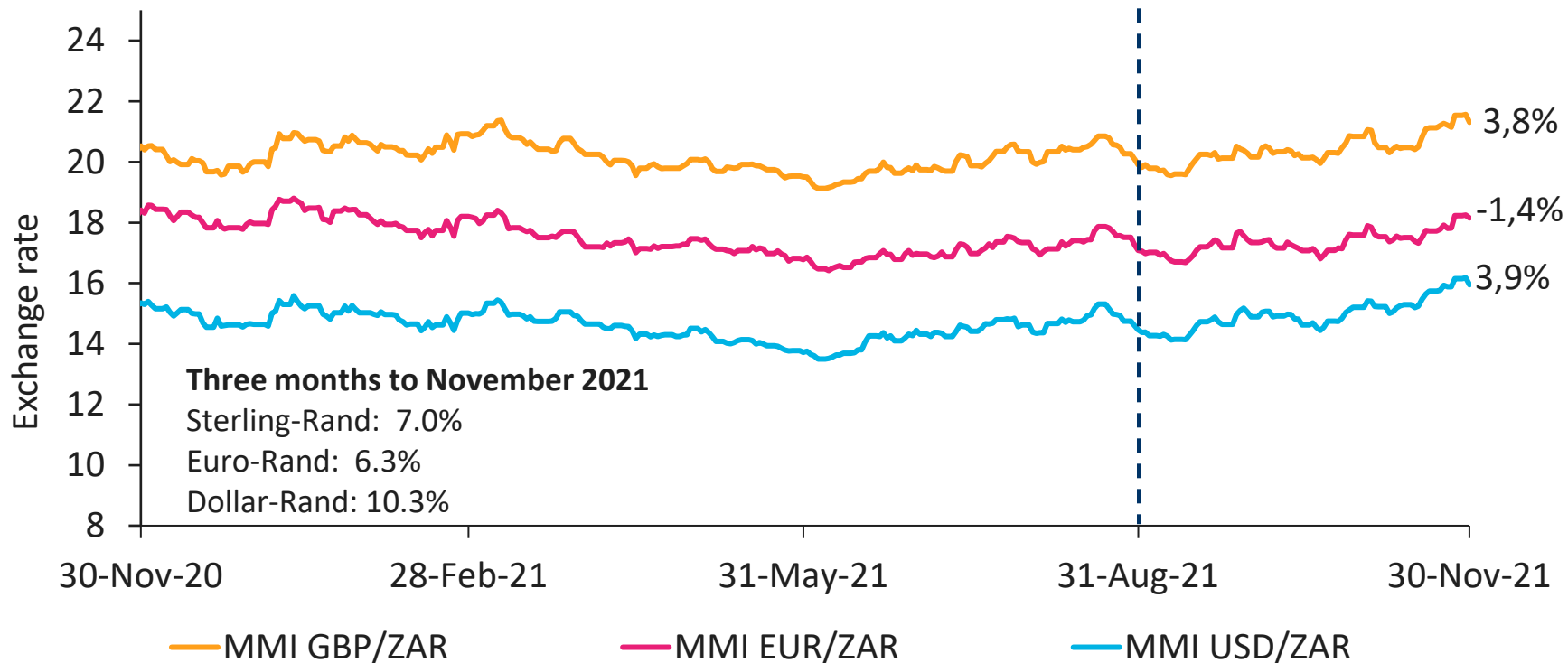


Sources: IRESS and Momentum Investments  
\*CPI lagged by one month due to availability of data.

# Exchange rates



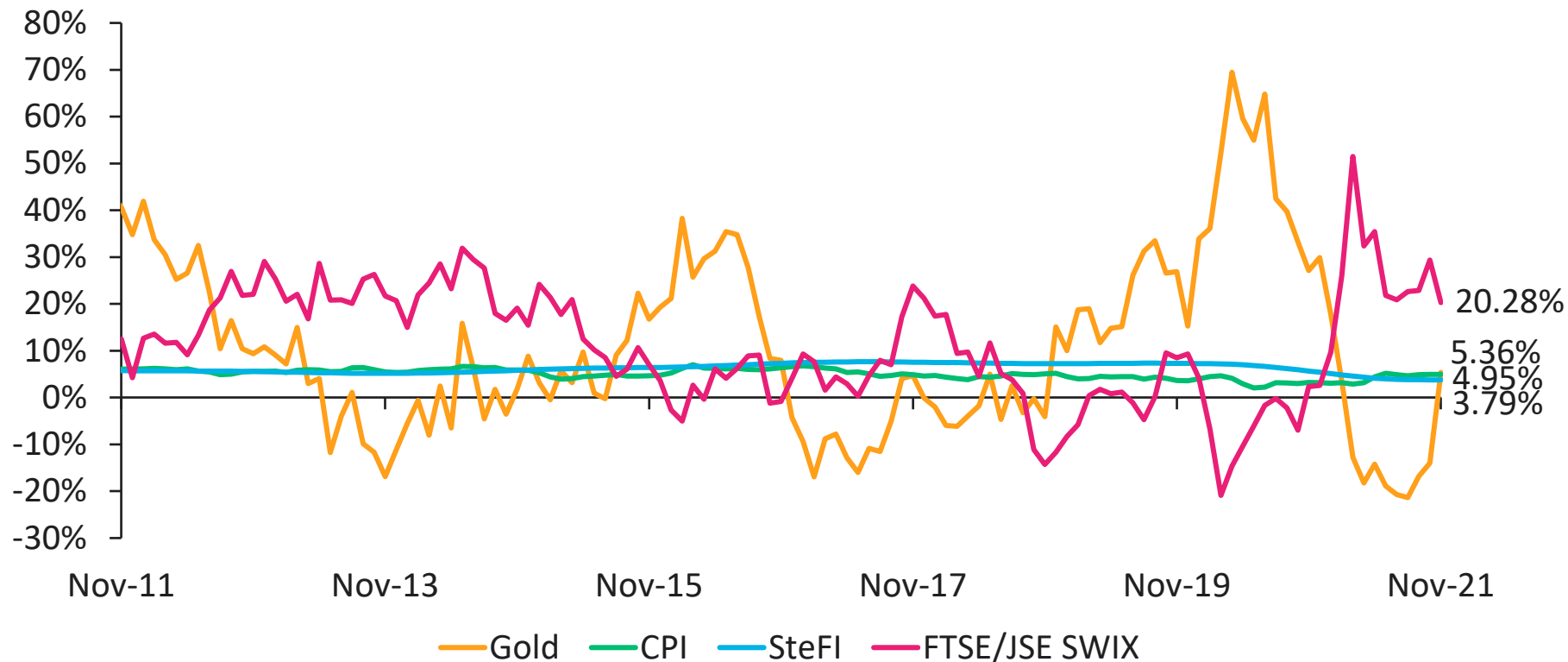
One year to November 2021



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



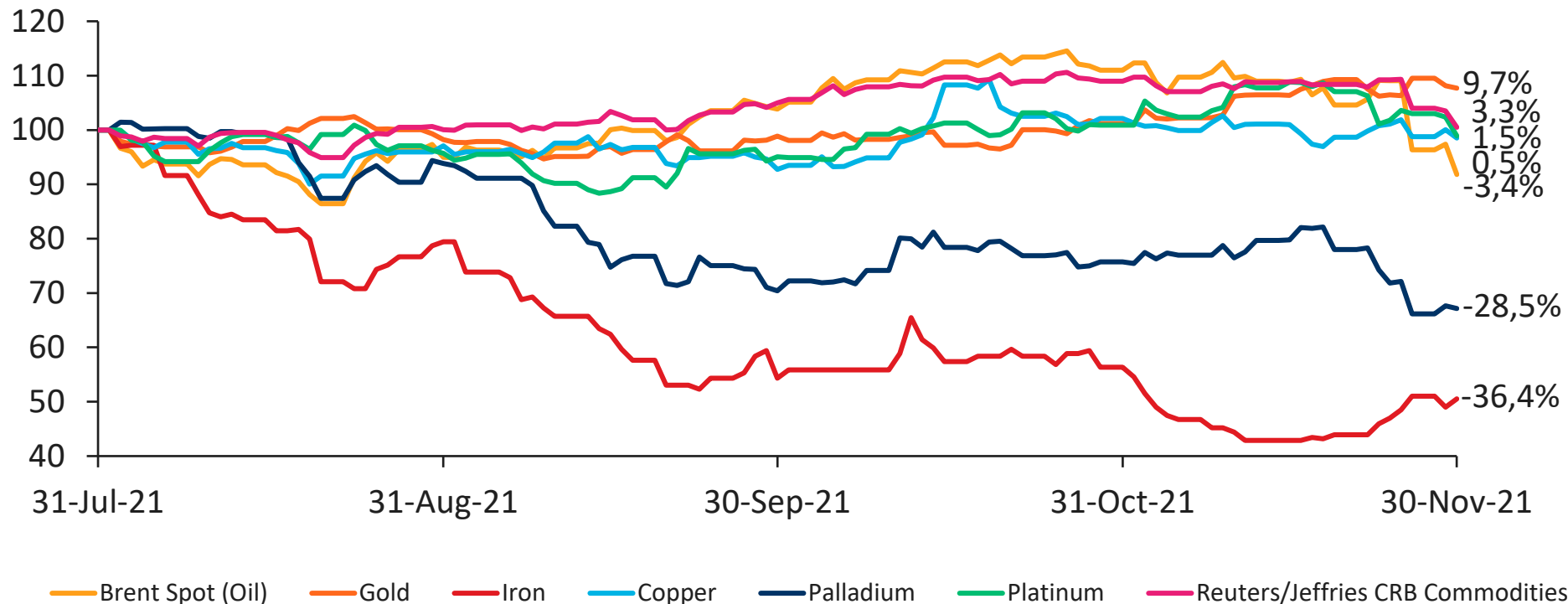
Ten-year rolling returns to November 2021



# Commodities



Three months to November 2021

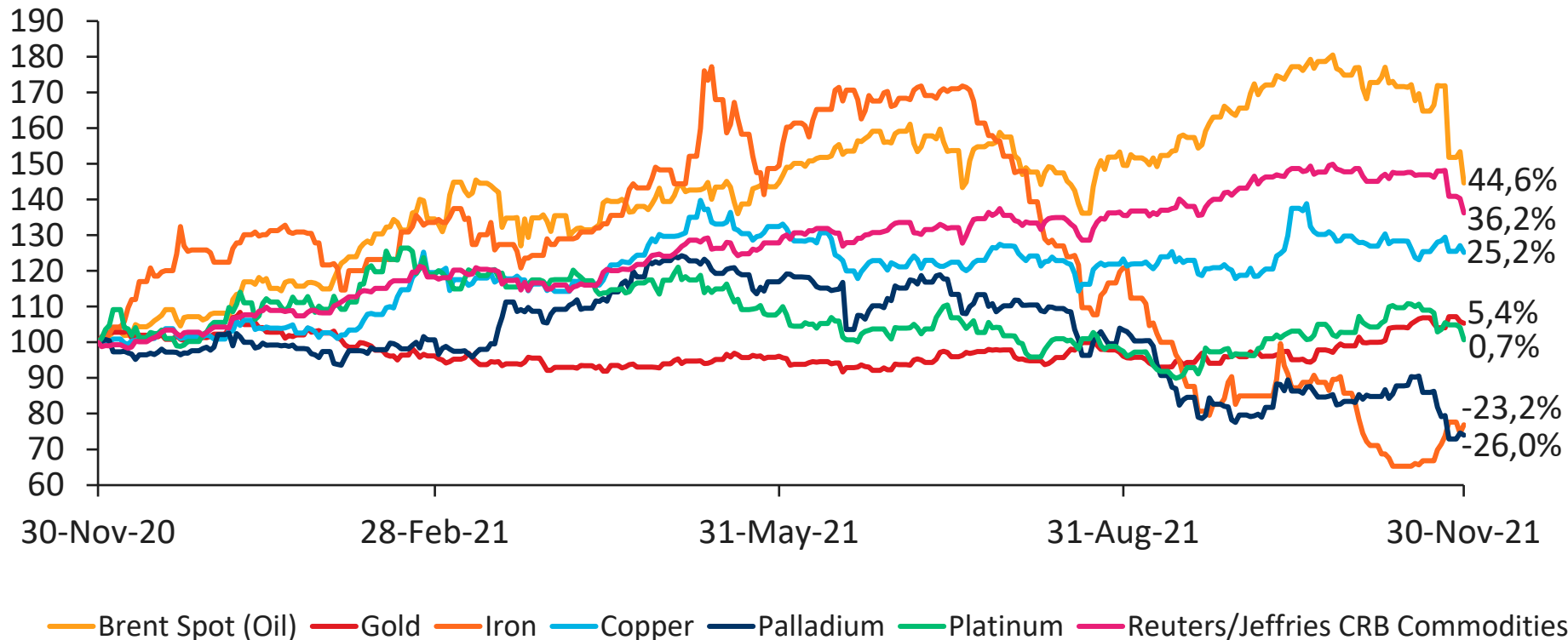




# Commodities



One year to November 2021



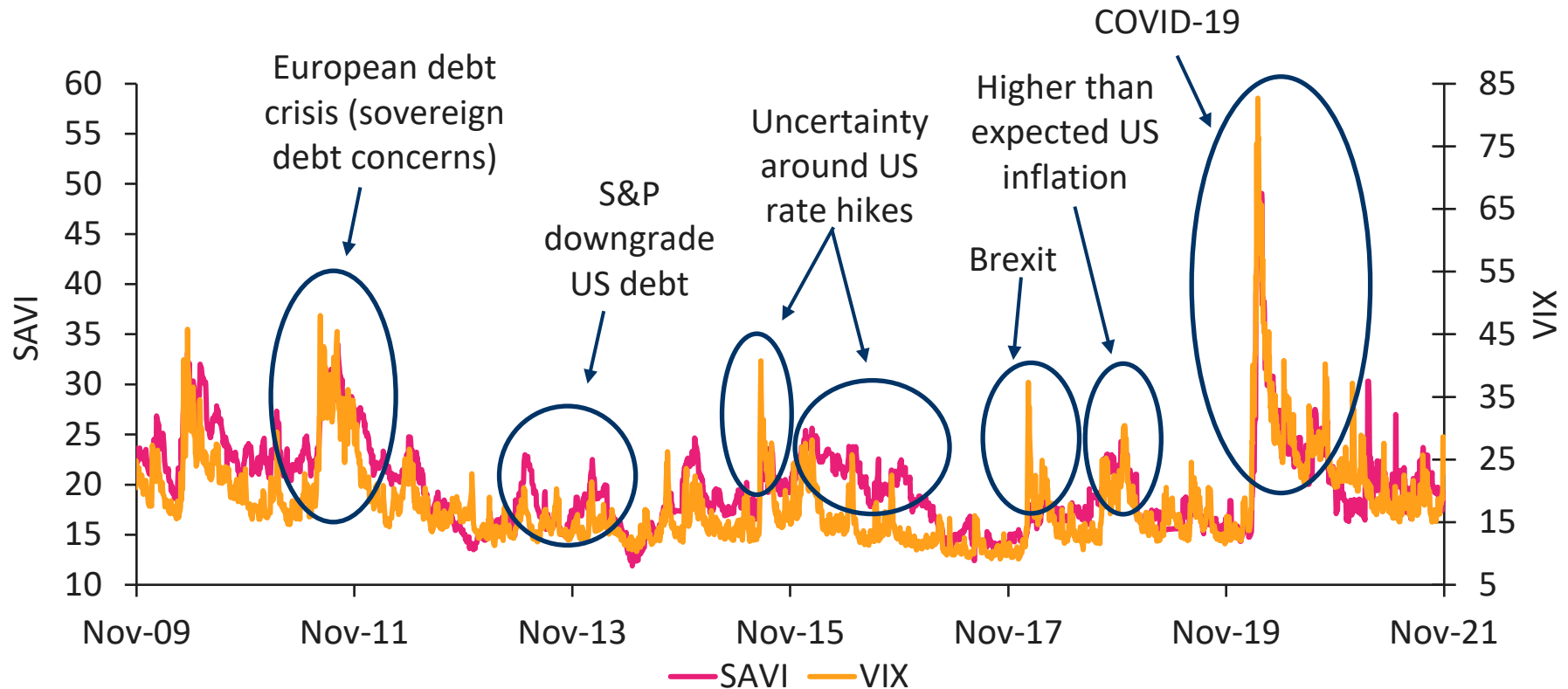
Volatility and  
international flows

06

# SAVI compared to the VIX



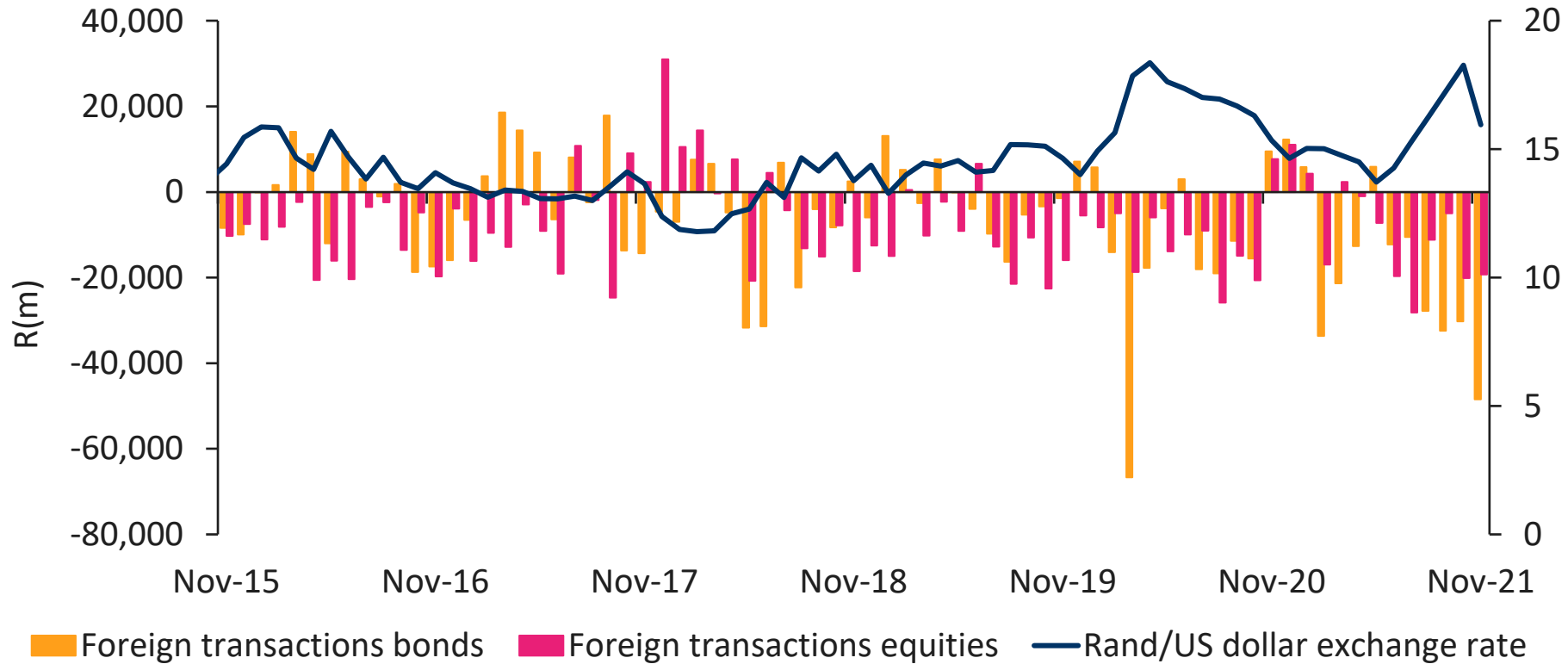
South African Volatility Index (SAVI) compared to the CBOE Volatility Index (VIX) to November 2021



# Foreign transactions



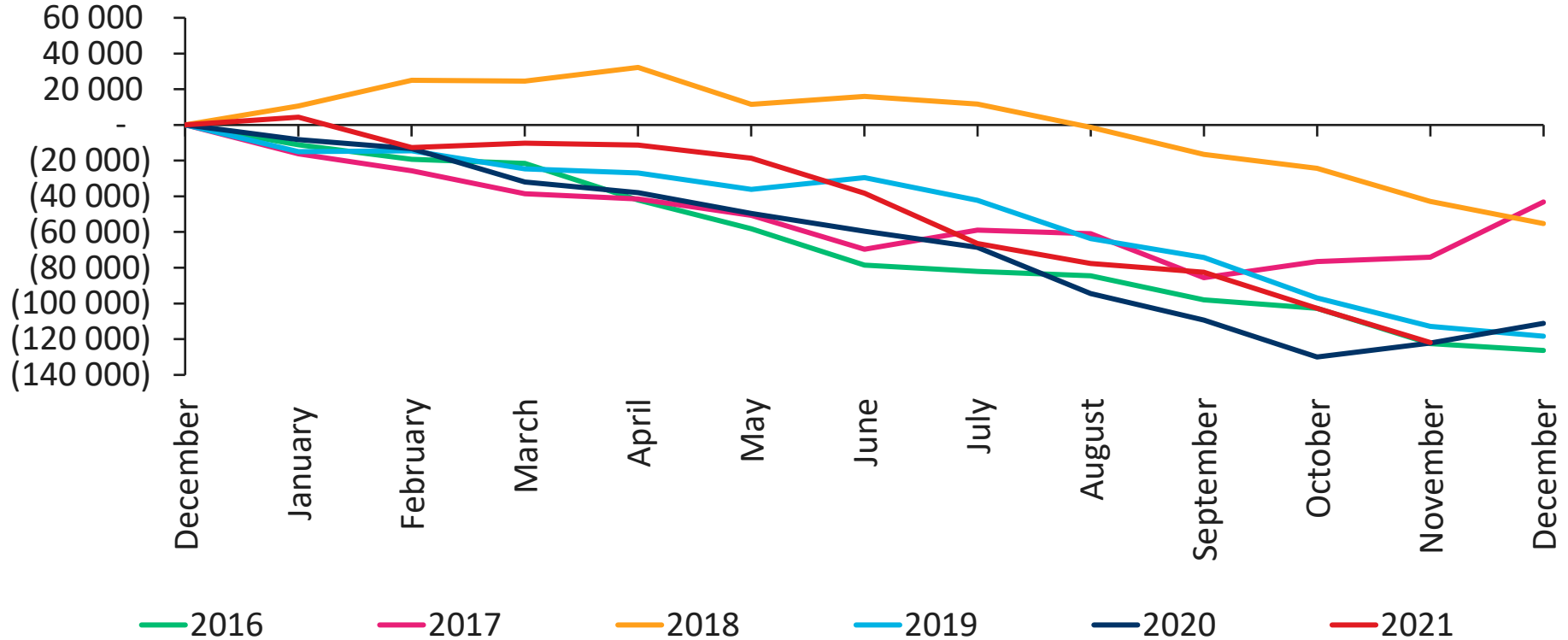
2016 to 2021



# Cumulative foreign transaction: Equities



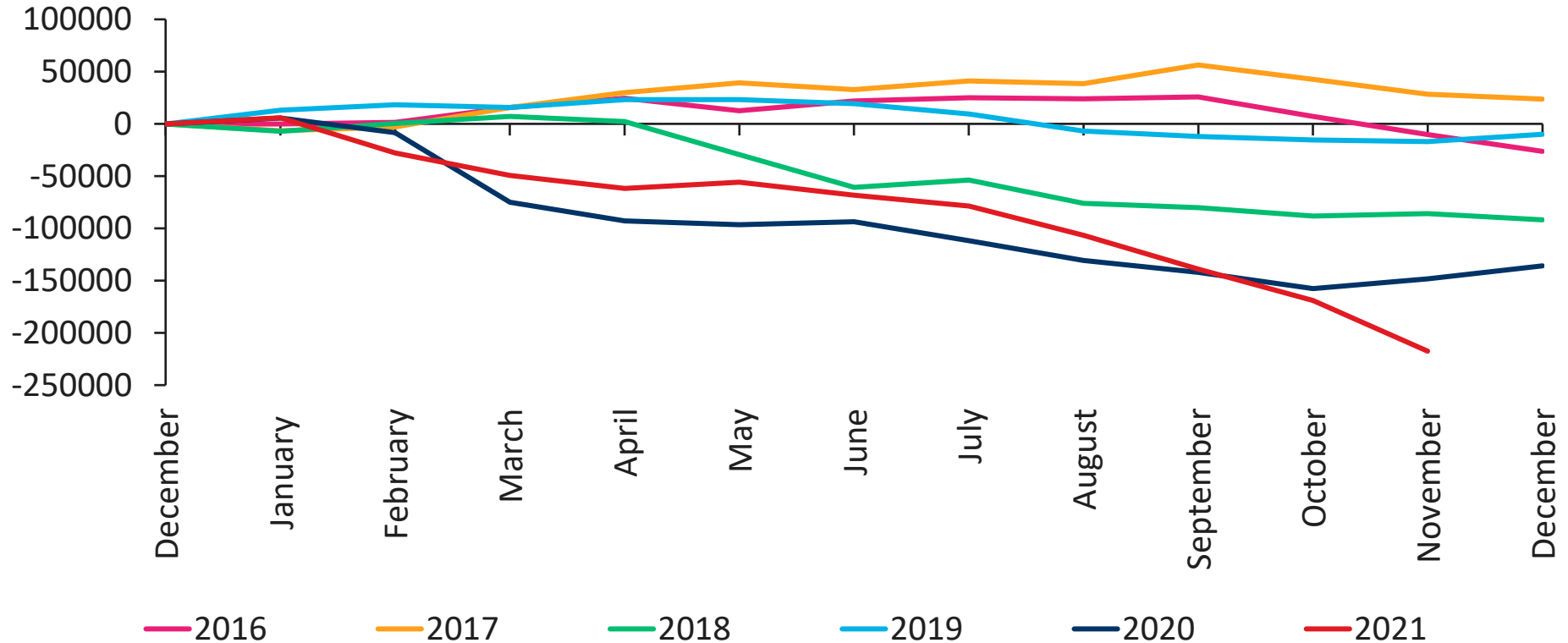
2016 to 2021



# Cumulative foreign transaction: Bonds



## Cumulative foreign transaction: Bonds





**m**omentum

investments

**Thank you**



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