

2 - 5 April 2 0 1 9 Cape Town South Africa

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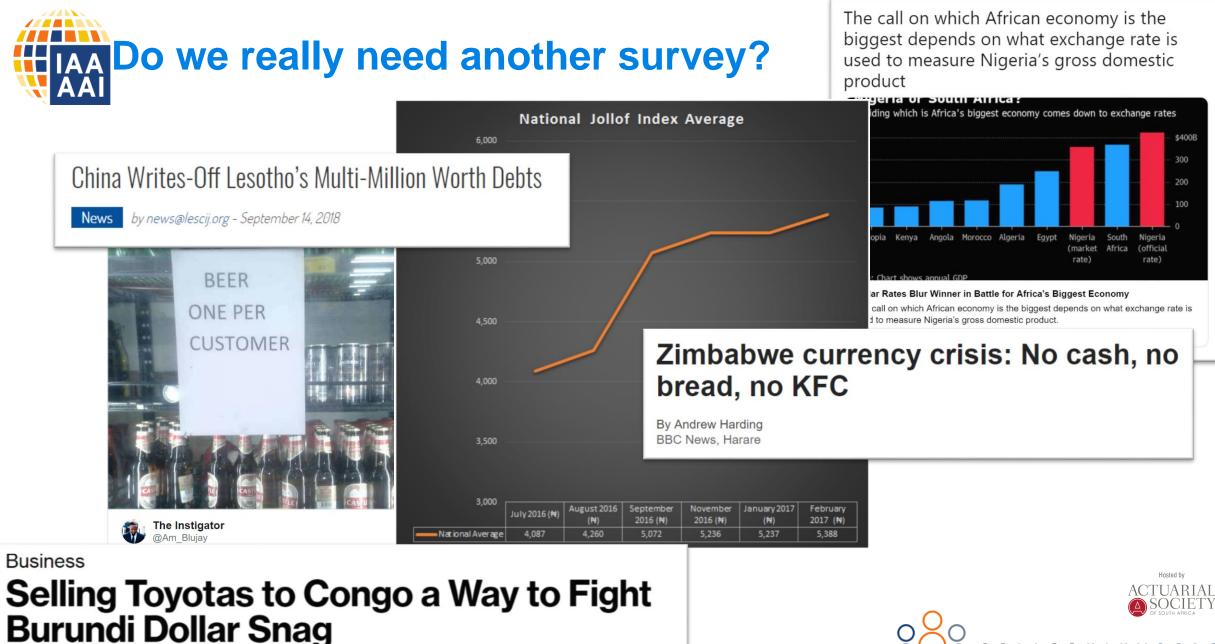


# **Economic basis survey**

2017 survey feedback

Morne de Vos 2 APRIL 2019





By Desire Nimubona

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## Background

- ASSA Africa Committee
- Principles and approaches adopted by insurers

### Methodology

- Survey focus
- Need for sufficient participation
- Respondent anonymity

#### Responses

- 4 South African Insurers, two leading Nigerian and Ghanaian insurers
- Excludes South African market

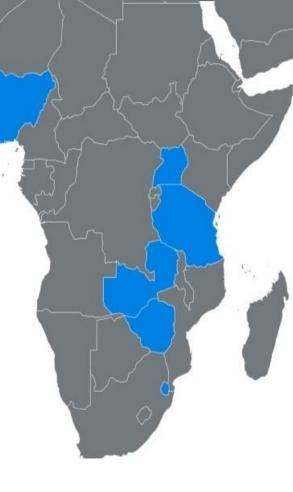




	Code	Currency	Population	Density	% urban	GDP per capita	Ease of doing business	
	BWA	Pula	2.29	3.9	68.7%	7 584	68	
*	GHA	Cedi	28.83	120.9	55.4%	1 663	65	
	KEN	Shilling	49.70	85.6	26.6%	1 702	57	
	LSO	Loti*	2.23	73.6	27.7%	1 425	57	
	MWI	Kwacha	18.62	157.2	16.7%	324	46	
	MOZ	Metical	29.67	37.7	35.5%	429	55	
	NAM	Dollar*	2.53	3.1	49.0%	5 589	63	https://www.amcharts.com/visited_countries/
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	Code	Currency	Population	Density	% urban	GDP per capita	Ease of doing business
	NGA	Naira	190.89	206.6	49.5%	1 994	48
	SWZ	Lilangeni*	1.37	78.8	23.6%	3 915	59
	TZA	Shilling	57.31	60.5	33.1%	1 034	55
6	UGA	Shilling	42.86	177.4	23.2%	699	51
	ZMB	Kwacha	17.09	22.7	43.0%	1 480	63
	ZWE	Multiple	16.53	42.3	32.2%	1 176	45





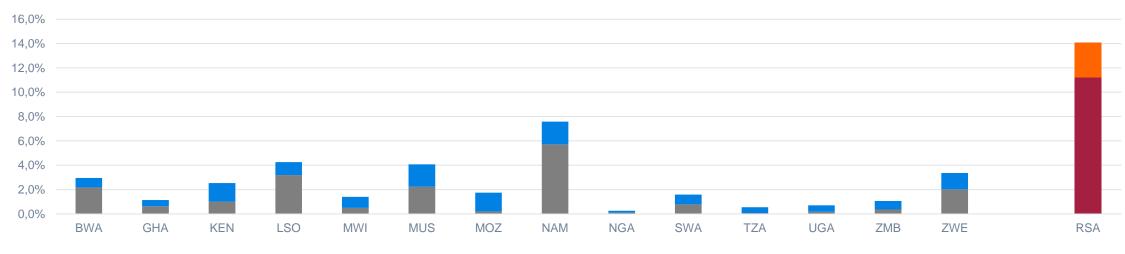






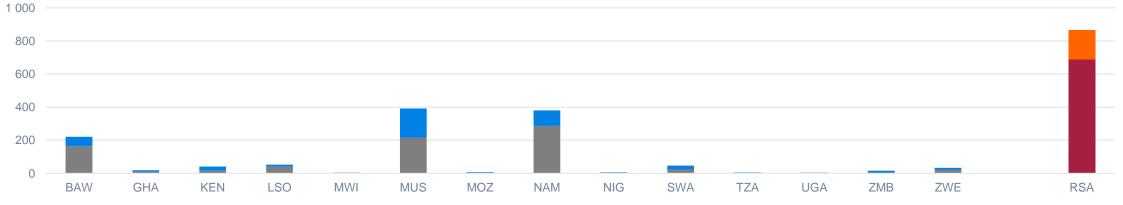
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Penetration

Density



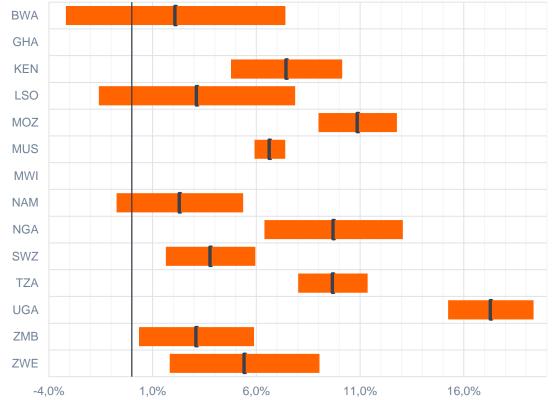
■Life ■Non-life



CPI inflation (mean & standard deviation)

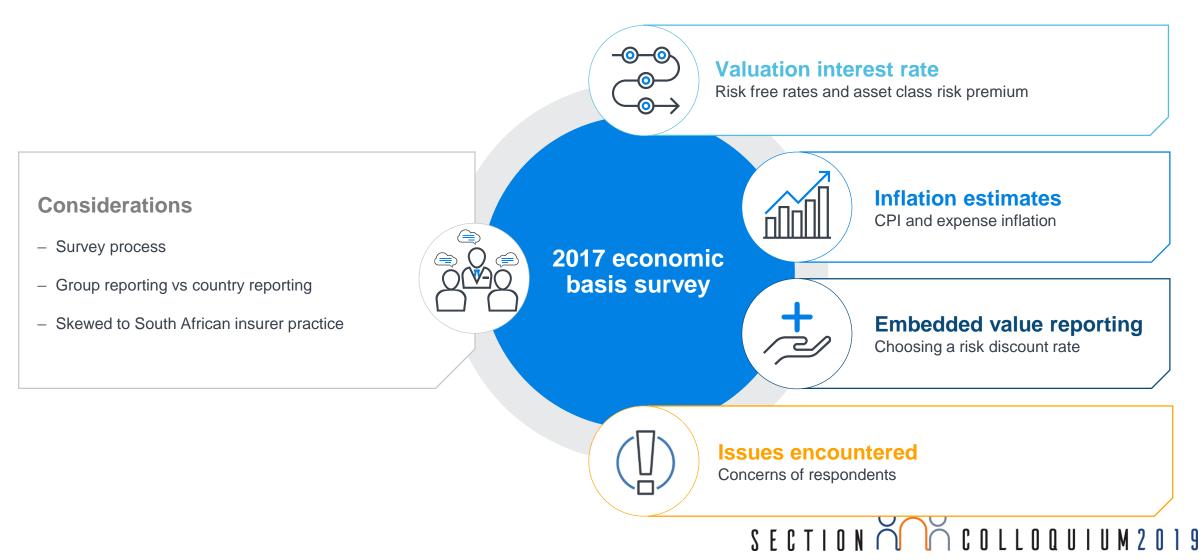


#### Real interest rates (mean and standard deviation)



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sensitivity

## Annuity products 0-0 Products with low to moderate interest rate

## **Risk free yield curve**

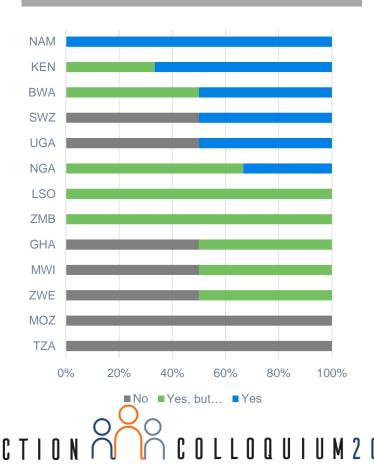
Usage

- Yield curve used: BWA; KEN; NAM; ZMB
- CMA: SWZ; LSO; NAM
- Point estimate used: MWI; NGA

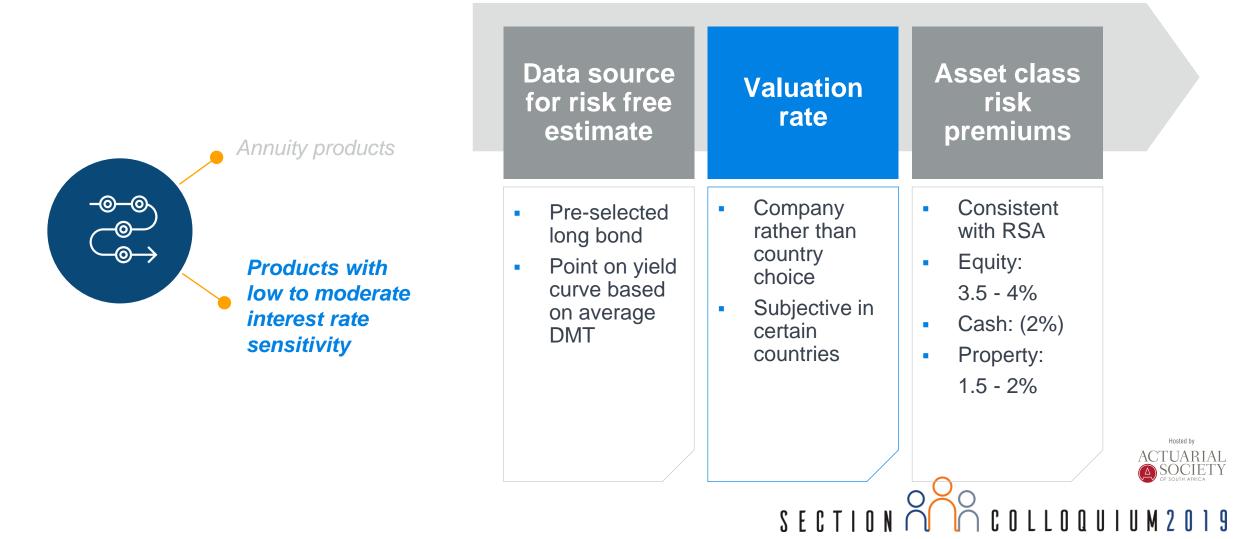
#### Construction

- Selection of bonds and other stock exchanges
- Last Liquid Point

## Availability of current market yields











#### **Expense and CPI inflation**

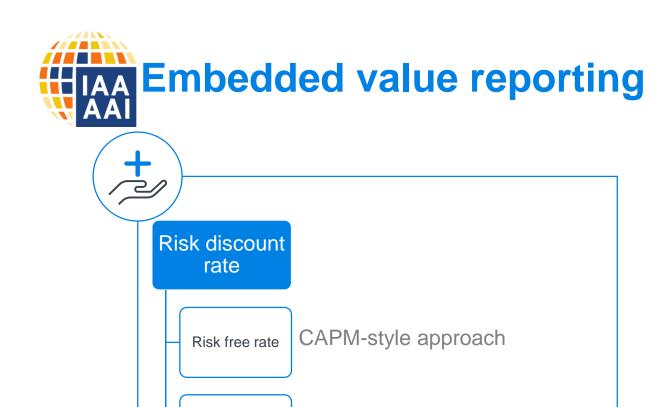
- Company vs country approach
- Expense inflation mostly set as a fixed gap relative to nominal yields
- CPI mostly set relative to risk free





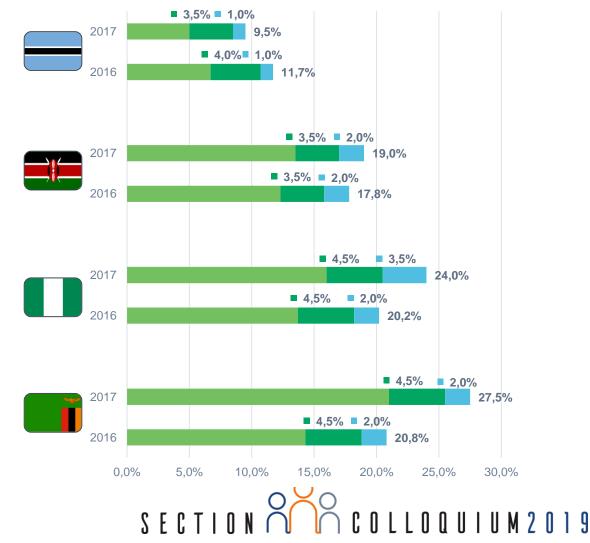
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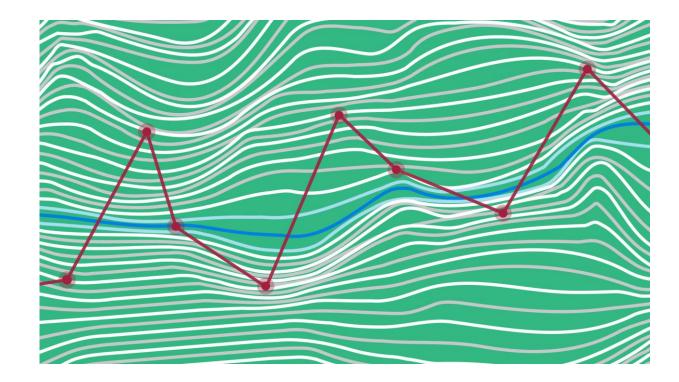
Systematic risk premium Company specific / other

risk premium Specific adjustment 1% - 3.5%



#### Selected risk discount rates





- Volatility in estimates
- Level of judgement applied
- Secondary markets
- Group methodology
- Internal controls & documentation







