Basel III and the supply of bank credit in South Africa

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Abstract

Keywords: Bank capital, Bank regulation, Credit

 ${\bf JEL~Codes:~G01,~G18,~G28,~G32,~G38}$

1 Introduction

The paper investigates the impact of Basel III regulation on bank lending in South Africa. This introduction is an overview of the paper

2 Context

A review of policy context, with focus on South Africa but also reference to other emerging markets. Further detail in Appendix 1 and 2a.

3 Literature

Osborne et al. (2017)

Jokipii and Milne (2008)

Gambacorta and Mistrulli (2004)

Schwert (2018)

Kim and Sohn (2017)

Carlson et al. (2013)

Tabak et al. (2011)

Altunbas et al. (2004)

Gambacorta and Shin (2018)

Berrospide and Edge (2010)

4 Developments in South African Banking

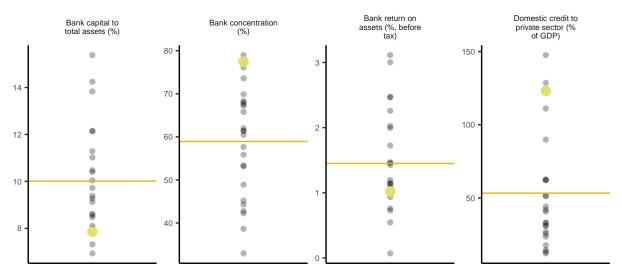


Figure 1: Internatinal Comparison. Source: World Bank (2022)

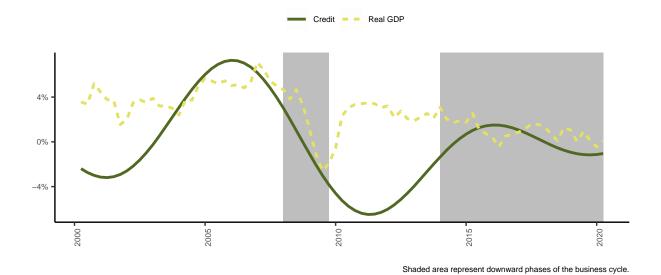


Figure 2: Credit Cycle. Source: South African Reserve Bank (2022)

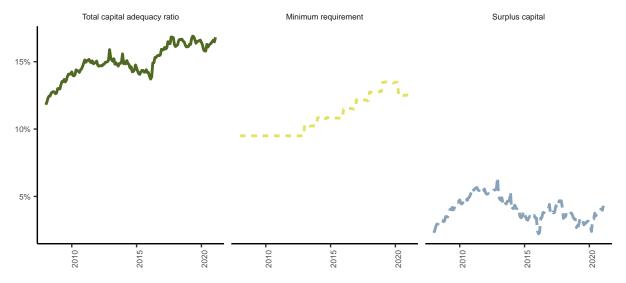


Figure 3: Capital Buffers. Source: South African Reserve Bank (2022)

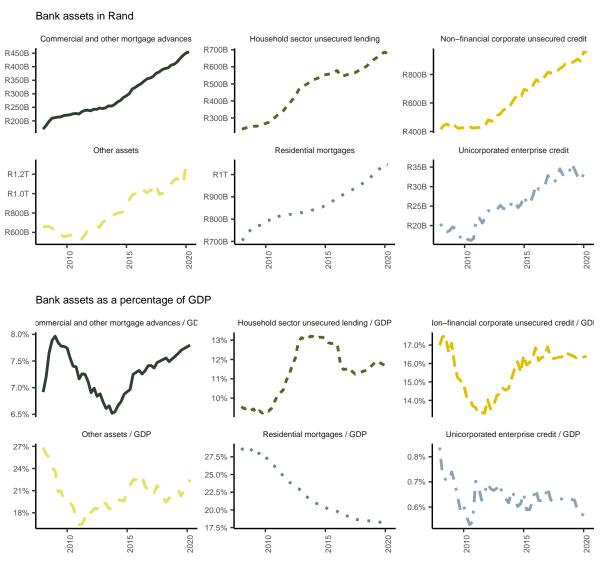


Figure 4: Bank assets. Source: South African Reserve Bank (2022)

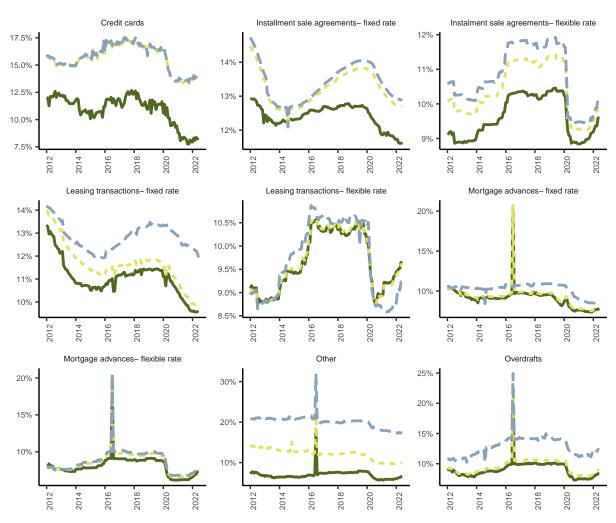


Figure 5: Lending Rates. Source: South African Reserve Bank (2022)

5 Specification

Variable	Median	SD	Min	Max	IQR	Obs
Capital buffer	4.1	0.9	2.3	5.8	1.3	44
Commercial and other mortgage advances / GDP	7.3	0.4	6.5	8.0	0.6	44
Household sector unsecured lending / GDP	11.5	1.4	9.2	13.2	3.1	44
Non-financial corporate unsecured credit / GDP	15.9	1.3	13.3	17.5	2.0	44
Other assets / GDP	19.9	2.4	16.4	26.8	3.0	44
Real GDP	1.9	1.6	-2.6	4.7	2.3	44
Residential mortgages / GDP	22.0	3.6	17.9	28.8	6.6	44
Unicorporated enterprise credit / GDP	0.6	0.1	0.5	8.0	0.1	44

Table 1: Descriptives

6 Estimation Results

7 Conclusion

8 Appendix: Descriptive Analysis

- 8.1 Data
- 8.1.1 Capital Buffers
- 8.1.2 BA 900 Quartelty Data
- 8.1.3 BA 900 to GDP

9 Appendix: Detailed Literature Review

More detailed literature review

References

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