1. Record Nr. UNINA9910826964403321

Autore Mwase Nkunde

Titolo How much should I hold? Reserve Adequacy in Emerging Markets and

Small Islands / / Nkunde Mwase

Washington, D.C.:,: International Monetary Fund,, 2012 Pubbl/distr/stampa

1-4755-5367-6 **ISBN** 

1-4755-8188-2

Edizione [1st ed.]

Descrizione fisica 1 online resource (45 p.)

Collana **IMF** Working Papers

IMF working paper; ; WP/12/205

Disciplina 332.1/52

Soggetti Reserves (Accounting)

Investments - Developing countries

Balance of payments

Currency

**Current Account Adjustment** 

Current account

Economic & financial crises & disasters

Exchange rate arrangements Exchange rate flexibility **Exports and Imports** 

**Exports** 

**Financial Crises** Financial crises

Financial Risk Management

Foreign Exchange Foreign exchange International economics

International Finance Forecasting and Simulation

International trade Monetary base

Monetary economics

Monetary Policy, Central Banking, and the Supply of Money and Credit:

General

Money and Monetary Policy

Money supply

Money

Open Economy Macroeconomics **Short-term Capital Movements** 

Trade: General

Dominican Republic

Lingua di pubblicazione

igua di pubblicazione ingi

Livello bibliografico

**Formato** 

Nota di bibliografia

Note generali

Nota di contenuto

Inglese

Materiale a stampa

Monografia

Description based upon print version of record.

Includes bibliographical references.

Cover; Abstract; Contents; I. Introduction; II. What Determines Reserve Holdings?; A. Data and Modeling Strategy; B. Empirical Results from Standard Panel OLS and Fixed Effects; C. Empirical Results from Quantile Regressions; III. A New Metric For Small Islands; A. Developing A Metric; B. Empirical Analysis to Determine Thresholds For the Metric; C. Estimation Results; IV. Conclusion; References; APPENDIX TABLES; 1. Country List; 2. Description of Variables; 3. SIs and EMs: Reserve Demand Regressions; 4. Full Sample: OLS and Quantile Regression Results

- 5. SIs: OLS and Quantile Regression Results6. EM: OLS and Quantile Regression Results; 7. Full Sample: Inter-quantile Regression Results; 8. SIs: Inter-quantile Regression Results; 9. EM: Inter-quantile Regression Results; 10. SIs: Episodes of Exchange Market Pressure; 11. Comparison on Various Reserve Adequacy Metrics: Logit Regression; FIGURES; 1. EMs and SIs: Traditional Metrics, 2000-2010; 2. Sample Mean Average Actual and Predicted Reserves, 2007-2010; 3. Full Sample: Comparison of OLS and Quantile Regression Coefficient Estimate
- 4. SIs: Comparison of OLS and Quantile Regression Coefficient Estimates5. EM: Comparison of OLS and Quantile Regression Coefficient Estimates; 6. EM and SIs: Concessional and Multilateral Debt, 1999-2009; 7. SIs: Exchange Market Pressure Crisis Episodes; 8. SIs: Exchange Market Pressure Crisis Episodes Triggers; 9. The Dominican Republic and Grenada: Balance of Payments Flows In Crisis Events; 10. Distribution of Export, Broad Money, and Short-Term Debt; 11. New Metric vs. Maximum of Traditional Metrics; 12. EMP Event Probability; 13. Reserves Against Risk-Weighted Metric

Sommario/riassunto

This paper investigates the drivers of reserves in emerging markets (EMs) and small island (SIs) and develops an operational metric for estimating reserves in SIs taking into account their unique characteristics. It uses quantile regression techniques to allow the estimated factors driving reserves holdings to vary along the reserves' holding distribution and tests for equality among the slope coefficients of the various quantile regressions and the overall models. F-tests comparing the inter-quantile differences could not reject the that the models for the different quantiles of SIs reserve distribution were similar but this was rejected for EMs distribution suggesting that models explaining drivers of reserve holdings should take into account the country's reserve holdings. Empirical analysis suggests that the metric performs better than existing metrics in reducing crisis probabilities in SIs.