Working Paper No. 625
Keep in mind
The series Working Papers on Economics is published by the Office for Economic Studies at the <i>Banco de la República</i> (Central Bank of <i>Colombia</i> ). It contributes to the dissemination and promotion of the work by researchers from the institution. This series is indexed at Research Papers in Economics (RePEc).
On multiple occasions, these works have been the result of collaborative work with individuals from other national or international institutions. The works published are provisional, and their authors are fully responsible for the opinions expressed in them, as well as for possible mistakes. The opinions expressed herein are those of the authors and do not necessarily reflect the views of Banco de la República or its Board of Directors.
AUTHORS AND/OR EDITORS

Capital controls and intervention in the foreign exchange market are two controversial policy options that many countries have adopted in the past in order to influence the exchange rate and moderate capital flows. Colombia has a long record in the use of these policies with mixed results and often non negligible

costs. The objective of this paper is to evaluate for the case of Colombia the effectiveness of capital controls and central bank intervention for depreciating the exchange rate, reducing its volatility, and moderating the exchange rate vulnerability to external shocks. The paper uses high frequency data from

1993 to 2010, and a GARCH model of the peso/US dollar exchange rate return. The main findings

Rincón-Castro, Hernán

indicate that neither capital controls nor central bank intervention used separately were successful for depreciating the exchange rate. On the contrary, they augmented its volatility. Nonetheless, during the period 2008-2010 when both policies were used simultaneously, a statistical significant effect was obtained by which the interaction of capital control and intervention in the foreign exchange market were effective to produce a daily average depreciation of the exchange rate, without increasing its volatility. In addition, it is found that the fundamental determinants of the daily average behavior of the exchange rate return are its own past behavior, the risk in Emerging and Global Markets, theprice of commodities and the misalignment of the real exchange rate.

Updated 06/04/2015 04:00 p.m.