BORDERS AND NOMINAL EXCHANGE RATES IN RISK-SHARING

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Abstract
Models of risk-sharing predict that relative consumption growth rates are positively related to changes in real exchange rates. We investigate this hypothesis using a new multi-country and multi-regional data set. Within countries, we find evidence for risk-sharing: episodes of high relative regional consumption growth are associated with regional real exchange rate depreciation. Across countries however, the association is reversed: relative consumption and real exchange rates are negatively correlated. We define this reversal as a ‘border’ effect. We find the border effect and show that it accounts for over half of the deviations from full risk-sharing. Since cross-border real exchange rates involve different currencies, it is natural to ask how much of the border effect is accounted for by movements in exchange rates. Our measures indicate that a large part the border effect comes from nominal exchange rate fluctuations. We develop a simple open economy model that is consistent with the importance of nominal exchange rate variability in accounting for deviations from cross-country risk-sharing. (JEL: F3, F4)

The editor in charge of this paper was Claudio Michelacci.

Acknowledgments: We are grateful to Margarida Duarte, Charles Engel, and participants at various conferences and seminars for comments and suggestions. We also thank Marco del Negro for kindly sharing state-level consumption and price data for the US with us. Matias Cortes provided excellent research assistance. Devereux thanks Social Sciences and Humanities Research Council of Canada (SSHRC), the Bank of Canada, and the Royal Bank of Canada for financial support. Hnatkovska thanks SSHRC for research support. The opinions expressed in this paper are those of the authors alone and cannot be ascribed to the Bank of Canada. This is a completely revised version of our earlier paper titled “Consumption Risk Sharing and the Real Exchange Rate: Why Does the Nominal Exchange Rate Make Such a Difference?” and is an extension of our earlier working paper “International and Intra-national Real Exchange Rates: Theory and Evidence”. An online appendix to the paper is available from the authors’ webpages. Devereux is a CEPR Research Fellow and a NBER Research Associate.

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