

Volume 28, Issue 6

Research Announcement

Endogenous OCA Theory: Using the Gravity Model to Test Mundell's Intuition

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Abstract

This paper presents an empirical assessment of the endogenous optimum currency area theory. This study relies on the original intuition developed by Mundell in 1973. The gravity model is used to empirically assess the effectiveness of the convergence criteria by examining location specific advantages that guide multinational investment within the European Union. A fixed effects model based on a panel data of foreign direct investment (FDI) flows within the EU-15 shows that horizontal investment promotes the diffusion of the production process across the national border. Specifically, the examined Maastricht criteria suggest convergence in interest rate, government fiscal policy, and debt play a significant role in attracting multinational investment.

Published as a working paper in Minda de Gunzburg Center for European Studies Working Paper Series Paper is available at URL:

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Citation: Thierry Warin and Phanindra Wunnava and Hubert P. Janicki, (2005) "Endogenous OCA Theory: Using the Gravity Model to Test Mundell's Intuition", *Economics Bulletin*, Vol. 28 no.6 p.A1.

Submitted: July 18, 2005 Published: July 28, 2005.

URL: http://www.accessecon.com/pubs/EB/2005/Volume28/EB-05AA0006A.pdf