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A money demand system for euro area M3

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Pages 817-838 | Published online: 02 Feb 2007

🗨️ Cite this article 🔗 <https://doi.org/10.1080/0003684042000229541>

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Abstract

In order to assess the importance of monetary and financial developments for key macroeconomic variables in the euro area a money demand system for M3 is estimated

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Acknowledgements

We gratefully acknowledge the support of the German Research Foundation (DFG) under the Special Collaborative Program SFB 374/B1. We also thank the anonymous referees for their helpful comments.

Katharina Juselius, Geoff Kenny, Joaquim Levi, Helmut Lütkepohl, Klaus Masuch, Sergio

Nicoletti-Altimari, Huw Pill, Mette Felding Schrøder, Juan-Luis Vega, Javier Valles and Jürgen Wolters. The views expressed in this paper represent exclusively the opinion of the authors and do not necessarily reflect those of the European Central Bank. The usual disclaimer applies.

Notes

¹ The main components of M3 are currency in circulation and overnight deposits (M1), other short-term deposits (M2-M1: deposits with an agreed maturity of up to two years; deposits redeemable at notice up to three months) and marketable instruments (M3-M2: repurchase agreements; debt securities issued with a maturity of up to two years; money market fund shares/units and money market paper).

² The own rate series used in [figs. 1-3](#) was constructed from German, French, Italian, Spanish and Dutch interest rates aggregated using ECU conversion rates. In terms of GDP ratios, these data capture more than 80% of the euro area.

³ In order to save space the results are not presented here. They are available from the authors upon request.

⁴ In the estimation π_t is used instead of π_{t+1} .

⁵ The estimation and testing of the model was carried out in PCFiml 9.0 (Doornik and Hendry ([1997](#))).

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⁹ According to tests of overidentifying restrictions the parsimonious representation is not rejected by the data.

¹⁰ The operator $\text{diag}^{-1}(\beta'\Sigma\beta)$ is writing the diagonal elements of $(\beta'\Sigma\beta)$ into a diagonal matrix of the same dimension and $(\cdot)^{-1/2}$ refers to an element-wise operations.


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