Animal Spirits, Fundamental Factors and Business Cycle Fluctuations*

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January 4, 2018

Abstract

We explore empirically the role of noisy information in cyclical developments to separate fluctuations due to genuine changes in fundamentals from those driven by temporary animal spirits (or noise shocks). Exploiting the fact that the econometrician has a richer dataset in some dimensions than the consumers, we use a novel identification scheme in a structural VAR framework and show that noise shocks are important drivers of business cycle fluctuations. In particular, noise shocks play a large role in consumption expenditures showing how false perceptions about future fundamentals influence consumer behaviours. By contrast, interest rates are much less impacted by noise shocks.

Keywords: Technology shocks, Noise shocks, Animal spirits, Business Cycles, Identification, Structural Vector Autoregression, Kalman Filter, Signal-extraction problem

JEL Classification: C32, E32

^{*}Any views expressed represent those of the authors and not necessarily those of the Banque de France, the European Central Bank or the Eurosystem. We are especially grateful to Fabio Canova and Evi Pappa. We would also like to thank Luca Benati, Luca Gambetti, Gianni Amisano, Marek Jarocinski, Jochen Guentner and participants at the IAAE 2014 Annual Conference as well as seminar participants at the ECB for helpful comments. Any remaining errors are the sole responsibility of the authors.

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