

Accepted Manuscript

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PII: S0014-2921(18)30017-5  
DOI: [10.1016/j.euroecorev.2018.01.008](https://doi.org/10.1016/j.euroecorev.2018.01.008)  
Reference: EER 3111

To appear in: *European Economic Review*

Received date: 11 July 2016  
Accepted date: 31 January 2018

Please cite this article as: Jean-Olivier Hairault, Anastasia Zhutova, The Cyclicity of Labor-Market Flows: A Multiple-Shock Approach, *European Economic Review* (2018), doi: [10.1016/j.euroecorev.2018.01.008](https://doi.org/10.1016/j.euroecorev.2018.01.008)

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# The Cyclicalities of Labor-Market Flows: A Multiple-Shock Approach

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*Last draft: November 2017*

## Abstract

In this paper, we aim to establish some stylized facts about the relative contributions of the job-finding and separation rates to unemployment dynamics depending on the nature of structural shocks. The shocks in our Bayesian Structural VAR model are identified using a sign-restriction approach, and capture shifts in the three conditions determining labor-market equilibrium in matching models: the Beveridge curve, and the job-creation and job-destruction conditions. Using both US and French data, we identify an aggregate shock to match profitability (*the aggregate-profitability shock*), a shock specific to existing jobs (*the reallocation shock*) and a shock to the efficiency of the matching process (*the matching-efficiency shock*). We find that the relative contributions of the job finding and separation rates are notably different across shocks in both countries, but are similar across countries for each type of shock. Labor market dynamics appear to be Transatlantic despite well-known institutional differences. However, it must be emphasized that the reaction of the labor market variables to the matching-efficiency shock seems more muted in the US than in France.

**Keywords:** unemployment variability, job separation, job finding, Bayesian VAR.

**JEL classification:** E24, J6.

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‡Banque de France. I would like to thank PSE, University of Paris I, and Aix-Marseille School of Economics for their kind hospitality and support, as part of the work on this paper has been done there.

§We thank P. Beaudry, L. Benati, F. Langot, L. Kilian and A. Penalver for helpful comments. We are particularly grateful to S. Fujita for providing us with data on the job-finding and separation rates for the US. The authors also thank the referees and the Editor for their valuable comments which helped to improve the manuscript. All remaining errors are ours.

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