

## Authors

Claudio Ferraz  
Pontifícia Universidade Católica do Rio de Janeiro

Frederico Finan  
University of California, Berkeley

### Procuring Firm Growth: The Effects of Government Purchases on Firm Dynamics\*

Claudio Ferraz<sup>1</sup>  
PUC-Rio

Frederico Finan<sup>2</sup>  
UC Berkeley

Dimitri Szerman<sup>3</sup>  
PUC-Rio

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#### Abstract

Firms in the developing world exhibit much flatter life-cycle dynamics compared to firms in developed countries. This paper examines the role of demand constraints in limiting the growth of small and medium firms in Brazil. We test whether firms that win government procurement contracts grow more compared to firms that compete for these contracts but do not win. We assemble a comprehensive data set combining matched employer-employee data for the universe of formal firms in Brazil with the universe of federal government procurement contracts. Exploiting a quasi-experimental design, we find that winning at least one contract in a given quarter increases firm growth by 2.2 percentage points over that quarter, with 93% of the new hires coming from either unemployment or the informal sector. These effects also persist well beyond the length of the contracts. Part of this persistence comes from firms participating and winning more future auctions, as well as penetrating other markets.

*Keywords:* Firm growth, Demand shocks, Government purchases

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<sup>1</sup>Department of Economics, Pontifícia Universidade Católica do Rio de Janeiro (PUC-Rio), Rua Marquês de São Vicente, 225 - Gávea Rio de Janeiro, RJ, 22453-900, Brazil. Email: cferraz@econ.puc-rio.br; and BREAD

<sup>2</sup>Department of Economics, 508-1 Evans Hall, Berkeley, California 94720-3880. Email: finan@econ.berkeley.edu; and BREAD, IZA, NBER

<sup>3</sup>Núcleo de Análise de Políticas Econômicas, Pontifícia Universidade Católica do Rio de Janeiro (PUC-Rio), Estrada Gávea, 50 - Gávea, Rio de Janeiro, RJ, 22451-063, Brazil. Email: dimitri.szerman@pucpr.org; and Climate Policy Initiative

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