

The Effects of Academic Background on Wage and Productivity: Firm-level analysis

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Abstract

This study uses a unique dataset that enables us to trace the route of finding a job from specific universities graduates to specific firms. Using the dataset, this study investigates a relationship between academic background and productivity at firm-level, and investigates a causal relationship between academic background and wage at firm-level, testing whether this academic background explains the difference in wage between different firm sizes. We revealed that there are strong relationships between academic background and both productivity and wage. As far as the wage is concerned, there is also a causal effect on wages, and the effect of being large firms on wages turned out to be insignificant.

Keywords : Academic background, Wage, Productivity, Big Firm Premium
JEL classification : J30, J31, L10

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