

# **The effects of knowledge on the performances of Korean Small and medium sized Firms : A Panel Data Study**

**Taegi Kim, Keunyeob Oh and Jinman Yoo**

*Chung Nam National University*

Contact: kyoh@cnu.ac.kr

This paper investigates the contribution of knowledge, patents, and R&D to the performances of Korea manufacturing firms for the years from 1985 to 2007, particularly focusing on the small and mid sized firms. We calculated total factor productivity growths of the firms and used the panel regression model with fixed effects. This paper found the positive effects on the firms' performances. Especially the knowledge spillover effects seemed very large for the small and mid sized firms.

Key words: patent, knowledge, small and mid sized firms, Korean manufacturing

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