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## **INTERNATIONAL TOTAL FACTOR PRODUCTIVITY SPILLOVERS VIA EXPORT:**

### **Abstract:**

This paper explores export as channel of international total factor productivity (TFP) spillovers. FDI and trade are potentially an important sources of productivity growth; however, empirical literature is inconclusive as to the nature and extent of trade spillovers. Empirical studies show, even though diversified in terms of methods and results, there are positive technological spillovers via import and FDI channels, examined separately. Less attention has been paid to export, and the results in this case are equivocal. Our main goal is to examine the transmission of TFP spillover effects via export channel in 41 countries (members of the EU and OECD) during the period 1995-2014. We use two different estimation strategies to study relationships between TFP spillover effects and total factor productivity growth: dynamic panel estimation strategies and dynamic SAR. The main findings is: the export channel is a significant source of TFP change.

### **Keywords:**

technical progress; export; TFP, economic growth, productivity

**JEL Classification:** O11, O33, C23