

Determinants of High-Tech Exports: The Case of EU Countries and Turkey

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Abstract:

This study examines the factors affecting the export of high technology products with high value-added and considers the degree of importance of these factors. Annual data for EU member states and Turkey are employed for the period between 2007-2019. Resistant Driscoll-Kraay standard errors are used in the panel data analysis due to heteroskedasticity and autocorrelation issues that impair the efficiency of the estimation. The study presents the relationship between high-tech exports and the variables that affect them, such as R&D expenditures, GDP, trade openness, and human capital.

Keywords: High-Tech Export, R&D, Growth, Human Capital, Panel Data

JEL Codes: C33, B17, J24