

Job creation effects of R&D and ICT: Evidence from Europe

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Abstract

The purpose of this study is to investigate the job creation effects of R&D and ICT for European countries. There are several studies that examine those effects of R&D and ICT, separately. However, the impact of R&D on employment may depend on ICT level, and/or vice versa. To the best of our knowledge, this is the first study that explores joint effects of R&D and ICT on employment. The analysis is based on sector-level data obtained from EU KLEMS Project, and it covers the period from 1995 to 2015. The study uses GMM estimation for the empirical strategy. The findings of this study will provide some policy recommendations for the nexus of technology and job creation.

Keywords: R&D, ICT, Employment

JEL Codes : J23, O14, O33

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