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Abstract

The article studies the differences in knowledge production between academic researchers. In this perspective, it attempts at first to answer the following question: what factors explain differences in knowledge production between Canadian researchers in natural sciences and engineering? After a presentation of some of the empirical evidence related to this first question, a distinction between two types of academic institutions, entrepreneurial versus non-entrepreneurial universities, is introduced. Drawing from this distinction, four empirical models are suggested to test differences in knowledge production between entrepreneurial and non-entrepreneurial researchers. The results show, first, that funding, time devoted to teaching activities, research team and individual attributes have a similar but differentiated impact on knowledge production of entrepreneurial and non-entrepreneurial researchers. Second, there are some unbalanced effects of the variables co-operation, time devoted to research activities, academic fields and university size on the knowledge production of Canadian

30.12.2025

researchers on natural science and engineering. (HRK / Abstract übernommen)