

Abstract

The present thesis discusses the topic of public-private collaboration in research and development in Czech regions. A bibliometric keyword analysis was used in this elaboration, based on which a theoretical framework of the thesis was compiled, presenting the most important theoretical concepts related to the interaction of private companies with universities and research institutes. The thesis has two main objectives, based on which it aims to reveal the nature of the size of partial subsystems of regional innovation systems in Czech NUTS 3 regions in relation to economic and innovation performance and to confront the thesis on the link between the innovation performance of regions and the degree of interconnectedness of subsystems on data of collaborative projects in Czechia. The conducted analyses showed a negative dependence of the size of the private R&D segment and innovation performance. It turned out that in the conditions of Czechia the statement that developed regions with a developed innovation system show a larger relative representation of the private segment is not valid. The second finding supports the thesis of a correlation between the intensity of collaboration between research institutions and firms and their innovation performance.

Keywords: regional innovation systems, university-industry collaboration, innovation, knowledge transfer, economic growth