R&D subsidy output additionality: Evidence from programmes interaction and learning effects

Oleg Sidorkin, Ph.D.
Leibniz-Institut für Ost- und Südosteuropaforschung (IOS)

Using an extensive micro dataset that combines administrative data on R&D subsidy programmes participation with patenting records, balance sheets, income statements, and business register data, we examine output additionality, synergy and learning effects of eight main programmes for direct public support of business R&D in the Czech Republic. As the R&D subsidy programmes have a different duration and partly overlap, it is possible to explore whether they complement or substitute each other when firms participate in multiple programmes. In addition, we focus on learning effects of participation in public R&D funding on innovation output and productivity.