Abstract

The analysis of issues related to medical science in research papers in the field of economics is the main goal of the publication. The publication presents the results of research including the analysis of abstracts of scientific articles in the field of economics, prepared in English by authors from 36 European countries and registered in the Scopus database in the years 2011–2020. The ontology-based approach will be used for identification of concepts related to medical science and economics. The Journal of Economic Literature (JEL) system will be used to describe the domain knowledge in the field of economics. The MeSH ontology developed by the national library of medicine will be used to describe knowledge in the field of medical science. The description of relationships between medical science and economics issues will be based on bipartite graph model. The paper will also present the results of research on the relationship between the interdisciplinary nature of research in the field of economics and the number and degree of internationalization of authors' teams. All analysis will be performed with the use of programs prepared by authors in R language.