

Abstract

The main objective of this thesis is to determine whether a relationship exists between transport infrastructure and economic growth. This topic has been discussed by many studies, however no relevant study has measured the difference in impact between countries under the historic influence of the Soviet Union. A dataset of 27 EU member states for the period 1995 to 2007 for the length of roads, motorways and railways per capita was analyzed based on their historic membership in the Warsaw pact treaty. A production function approach was applied and the results show positive impact of motorways and railways on the growth of GDP per capita.

Keywords transport infrastructure, economic growth, production function, Warsaw pact, railway, roads, capital

Title Transport infrastructure and its impact on the economic growth in the EU