

# Abstract

This thesis focuses on the relationship between crime and education, as well as macroeconomic and demographic factors such as police efficiency, GDP per capita, employment rate, population density, age and sexual composition of the society.

We use the data of fourteen regions of the Czech Republic from 2000 to 2012. First, we apply the fixed-effect model in the data analysis, and further we use GMM for the estimation of new dynamic panel dataset. In addition, taking the possible time effects into account, we also add the time dummies in both regression models.

Our finding finds the unexpectedly positive effects of secondary education with A-level exam, GDP per capita and the proportion of population aged 30-59 years old on most of criminal offences. On the other hand, the male ratio in population and the clearance rate are found to influence crimes negatively. Higher education and employment rate are also found to be related negatively with economic crimes.

<b>JEL Classification</b>	A14, E69, I21, I23, I25, I29, J19, R19
<b>Keywords</b>	education, crime, employment, GDP, gender ratio, age, the Czech Republic, panel data, fixed-effect, GMM
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